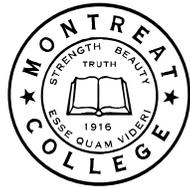


# MONTREAT COLLEGE



School of Arts and Sciences

Academic Catalog

2022-2023

# Montreat College

## School of Arts & Sciences

### 2022 - 2023 Academic Catalog

Published by Montreat College, Montreat, NC 28757

The catalog, published annually, provides general information about the School of Arts & Sciences of Montreat College and summarizes important information about the College's policies, requirements for graduation, regulations, and procedures. It is not intended to establish, nor does it establish, a contractual relationship with students. Rather, the catalog is published to acquaint students with information that will be helpful to them during their enrollment at the College.

It is necessary, in the general administration of the College, to establish requirements and regulations governing the granting of degrees. Academic advisors, department chairs, and academic staff members are available to aid students in understanding these requirements and regulations. However, it is the student's ultimate responsibility to know them and meet/follow them. Students are urged to save a copy of this catalog as a reference.

Changes in curricular requirements may occur during catalog publications. Students will be informed of such changes. When this occurs, students may follow the requirements in effect at the time they entered Montreat College, or they may petition to follow the changed requirements. Students must follow all requirements in a single catalog; they may not pick and choose from the various requirements outlined in two or more catalogs. Reasonable substitutions will be made for courses that are discontinued, changed, or offered out of sequence due to unforeseen circumstances.

Information in the catalog is considered an accurate representation of Montreat College policy as of the date of publication. The College reserves the right to make such changes in educational and financial policy as the College's Faculty, Administration and/or Board of Trustees may deem consonant with sound academic and fiscal practice. The College has made a good faith effort to avoid typographical and content errors in the statements of policy, procedure, and degree requirements as published. In any case, erroneous catalog statements do not take precedence over properly adopted policies. Please see the College website at [www.montreat.edu](http://www.montreat.edu) for the most updated version of the catalog.

#### **Non-Discrimination Statement and Title IX Information**

As an institution in the Presbyterian and Reformed tradition, the College seeks to treat all persons equally and emphasizes the dignity and worth of the individual. In compliance with Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act, Montreat College admits students of any race, color, religion, sex, age, national or ethnic origin to all rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate based on race, disability, military service, color, religion, sex, age, national and ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school administrative programs.

In accordance with federal and state statutes, Montreat College is committed to maintaining a community that is free from sexual harassment and all forms of sexual intimidation, exploitation, coercion, and violence. Additional information about Montreat College's Title IX policies is available at: <https://www.montreat.edu/title-ix/>.

Inquiries concerning the College's policies, compliance with applicable laws, statutes, and complaints may be directed to the Academic Affairs Office, Montreat College, P.O. Box 1267, Montreat, NC 28757, (828) 669-8012 (ext. 3621).

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# Academic Calendar

Academic Calendar for the School of Arts and Sciences

## Fall

Event	2022-23		2023-24	
	Day(s)	Date(s)	Day(s)	Date(s)
Fall semester payment/payment plan due	MO	15 August	MO	14 August
Student Leadership Workshop	MO-TH	15-18 August	TU-FR	14-17 August
Faculty Workshop	TU-WE	16-17 August	TU-WE	15-16 August
New Student Check-In (required)	FR	19 August	FR	18 August
New Students move into residence halls	FR	19 August	FR	18 August
Welcome Week	FR-MO	19-22 August	FR-MO	18-21 August
New Student Late Arrivals Check-In begins (\$50 penalty)	MO	22 August	MO	21 August
Continuing Student Check-In (required)	MO	22 August	MO	21 August
Continuing Student Late Arrivals Check-In begins (\$50 penalty)	TU	23 August	TU	22 August
Classes begin at 8:00 a.m. for Fall semester	TU	23 August	TU	22 August
Opening Convocation at 10:00 a.m.	WE	24 August	WE	23 August
AGS Bi-Term 1 Classes begin	MO	29 August	MO	28 August
Last day to add/drop a course for Fall semester	TU	30 August	TU	5 September
Course withdrawal period begins for Fall semester	WE	31 August	WE	30 August
AGS Bi-Term 1: Last day to drop/add	SU	4 September	SU	3 September
Labor Day holiday (College closed)	MO	5 September	MO	4 September
Census Day	TU	13 September	TU	12 September
Last day to apply for December graduation	FR	30 September	SA	30 September
Homecoming and Family Weekend	FR-SA	7-8 October	FR-SA	6-7 October
Midterm Period (Assignments for grading; grade reporting)	FR-WE	7-19 October	FR-WE	6-18 October
Academic Advising Begins (for Spring)	MO	10 October	MO	9 October
Board of Trustees meeting	TH-FR	13-14 October	TH-FR	19-20 October
AGS Bi-Term 1 withdrawal period ends	SU	16 October	SU	15 October
Registration for Spring opens for seniors/honors students	TU	18 October	TU	17 October
Midterm grades due, 5:00 p.m.	WE	19 October	WE	18 October
Registration for Spring open for juniors	WE	19 October	WE	18 October
Registration for Spring opens for sophomores	TH	20 October	TH	19 October
Registration for Spring opens for freshmen	FR	21 October	FR	20 October
AGS Bi-Term 1 classes end	SU	23 October	SU	22 October
AGS Bi-Term 2 classes begin	MO	24 October	MO	23 October
Fall Break (no classes; offices open)	MO-TU	24-25 October	MO-TU	23-24 October
AGS Bi-Term 1: Last day to drop/add	SU	30 October	SU	29 October

Fall Internship/Practicum Learning Contract Deadline		1 November		1 November
Calling and Career/Faith and Culture Symposium <sup>1</sup>	MO-WE	7-9 November	MO-WE	6-8 November
Course withdrawal period ends for Fall semester	FR	18 November	FR	17 November
Residence halls close at 5:00 p.m.	TU	22 November	TU	21 November
Thanksgiving break (college closed)	WE-FR	23-25 Nov	WE-FR	22-24 Nov
Classes resume	MO	28 November	MO	27 November
Last day of classes for Fall semester	FR	9 December	FR	8 December
AGS Bi-Term 2: Withdrawal period ends	SU	11 December	SU	10 December
Final exams	MO-TH	12–15 Dec	MO-TH	11-14 Dec
“Intent to Graduate” in Spring submission deadline	TH	15 December	TH	14 December
Residence halls close at 5:00 p.m.	TH	15 December	TH	14 December
Christmas break begins	FR	16 December	FR	15 December
AGS Bi-Term 2: Classes end	SU	18 December	SU	17 December
Final grades due, 5:00 p.m.	MO	19 December	MO	18 December
College offices closed for Christmas holidays	TH-MO	22 Dec – 2 Jan	TH-MO	21 Dec – 1 Jan
Degree Conferral: Fall graduates	SA	31 December	SU	31 December
Fall grades of Incomplete (I) convert to contracted grade	FR	20 Jan 2023	FR	19 Jan 2024

## Spring

Event	2022-23		2023-24	
	Day(s)	Date(s)	Day(s)	Date(s)
Spring semester payment/payment plan due	MO	2 January	MO	1 January
AGS Bi-Term 1 Registration Deadline	SU	8 January	SU	7 January
Spring New Student Check-In (required)	MO	9 January	MO	8 January
AGS Bi-Term 1 Classes begin	MO	9 January	MO	8 January
Faculty Workshop	MO-TU	9-10 January	MO-TU	8-9 January
Spring New Student Orientation (required)	MO-TU	9-10 January	MO-TU	8-9 January
Continuing Student Check-In (required)	TU	10 January	TU	9 January
New Student Late Arrivals Check-in begins (\$50 penalty)	TU	10 January	TU	9 January
Continuing Student Late Arrivals Check-in begins (\$50 penalty)	WE	11 January	WE	10 January
Classes begin at 8:00 a.m. for Spring semester	WE	11 January	WE	10 January
Opening Convocation at 10:00 a.m.	WE	11 January	WE	10 January
AGS Bi-Term 1: Last day to drop/add	SU	15 January	SU	14 January
Martin Luther King, Jr. Day (college closed)	MO	16 January	MO	15 January
AGS Bi-Term 1: Withdrawal period begins	MO	16 January	MO	15 January
Last day to add/drop a class for Spring semester	WE	18 January	WE	17 January
Course withdrawal period begins for Spring	TH	19 January	TH	18 January

<sup>1</sup> Calling and Career in odd years; Faith and Culture in even years.

Census Day	TU	24 January	TU	23 January
Board of Trustees meeting	TH-FR	26-27 January	TH-FR	TBA
AGS Bi-Term: Withdrawal period ends	SU	26 February	SU	25 February
Advising Begins	MO	27 February	MO	26 February
Midterm Period (Assignments for grading; grade reporting)	MO-FR	27 Feb – Mar 10	MO-FR	26 Feb – Mar 8
Last day to apply for May graduation	TU	February 28	WE	February 28
AGS Bi-Term 1: Classes end	SU	5 March	SU	3 March
AGS Bi-Term 2: Classes begin	MO	6 March	MO	4 March
Registration for Fall opens for Seniors and Honors Students	MO	6 March	MO	4 March
Registration for Fall opens for Juniors	TU	7 March	TU	5 March
Registration for Fall opens for Sophomores	WE	8 March	WE	6 March
Registration for Fall opens for freshmen	TH	9 March	TH	7 March
Midterm Grades due by 5:00 p.m.	FR	10 March	FR	8 March
Residence halls close for break at 5:00 p.m.	FR	10 March	FR	8 March
AGS Bi-Term 2: Last day to drop/add	SU	12 March	SU	10 March
AGS Bi-Term 2: Withdrawal period begins	MO	13 March	MO	11 March
Spring Break (no classes)	MO-FR	13-17 March	MO-FR	11-15 March
Residence halls reopen at 7:00 p.m.	SU	19 March	SU	17 March
Classes resume at 8:00 a.m.	MO	20 March	MO	18 March
Spring Internship/Practicum Learning Contract Deadline		1 April		1 April
AGS Bi-Term 2: Withdrawal period ends	SU	23 April	SU	21 April
Easter break begins after last class	TH	6 April	TH	28 March
Food services closes after lunch	TH	6 April	TH	28 March
College Offices closed for Easter holiday	FR	7 April	FR	29 March
Food Services resumes with breakfast	TU	11 April	TU	2 April
Classes resume at 8:00 a.m.	TU	11 April	TU	2 April
Board of Trustees meeting	TH-FR	27-28 April	TH-FR	TBA
AGS Summer Bi-Term 1: Registration Deadline	FR	28 April	FR	26 April
Course withdrawal period ends for Spring semester	FR	28 April	FR	26 April
AGS Bi-Term 2: Classes end	SU	30 April	SU	28 April
Honors Convocation	MO	1 May	MO	29 April
Last day of class for Spring semester	FR	5 May	FR	3 May
Final Exams Week	MO-TH	8-11 May	MO-TH	6-9 May
“Intent to Graduate” in Fall submission deadline	TH	11 May	TH	9 May
Spring Commencement at 2:00 p.m.	SA	13 May	SA	11 May
Final spring grades due, 5:00 p.m.	MO	15 May	MO	13 May
Faculty Academic Assessment Day	MO	15 May	MO	13 May
Degree Conferral: Spring graduates	WE	31 May	FR	31 May
Spring grades of Incomplete (I) convert to contracted grade	FR	16 June	FR	14 June

## Summer

Summer	2022-23		2023-24	
	Day(s)	Date(s)	Day(s)	Date(s)
Event				
Summer CBA Petition due to the Registrar		31 May		31 May
AGS Bi-Term 1: Classes begin	MO	1 May	MO	29 April
AGS Bi-Term 1: Last day to drop/add	SU	7 May	SU	5 May
AGS Bi-Term 1: Withdrawal period begins	MO	8 May	MO	6 May
Summer Term Begins	MO	15 May	MO	13 May
Last day to drop a Summer Term class	FR	19 May	FR	17 May
Memorial Day (college closed)	MO	29 May	MO	27 May
Last Day to Apply for August graduation	WE	31 May	FR	31 May
AGS Bi-Term 1: Withdrawal period ends	SU	18 June	SU	16 June
AGS Bi-Term 2: Last day to add a course	FR	23 June	FR	21 June
AGS Bi-Term 1: Classes end	SU	25 June	SU	23 June
AGS Bi-Term 2: Classes begin	MO	26 June	MO	24 June
Summer Internships/Practicum Learning Contract Deadline		1 July		1 July
AGS Bi-Term 2: Last day to drop/add	SU	2 July	SU	30 June
AGS Bi-Term 2: Withdrawal period begins	MO	3 July	MO	2 July
AGS Bi-Term 2: Withdrawal period ends	SU	13 August	SU	11 August
Summer Term Ends	TU	15 August	TU	13 August
Final summer grades due, 5:00 p.m.	FR	18 August	FR	16 August
AGS Bi-Term 2: Classes end	SU	20 August	SU	18 August
Degree Conferral: Summer graduates	TH	31 August	SA	31 August
Summer grades of Incomplete (I) convert to contracted grade	TU	26 September	TU	24 September

### NOTES

- Term Weeks for the School of Arts and Sciences (SAS):
  - Fall: Tuesday - Monday
  - Spring: Wednesday - Tuesday
  - Summer: Monday – Sunday
- Term Weeks for online courses taught through the School of Adult and Graduates Studies (AGS):
  - Monday – Sunday

# General College Information

## Locations

### Montreat College – Main Campus

Physical Address.....310 Gather Circle, Montreat, NC 28757  
Mailing Address ..... P.O. Box 1267, Montreat, NC 28757  
Main Phone ..... 828-669-8012  
Toll-Free Phone ..... 800-622-6968  
Fax..... 828-669-9554

### Asheville – School of Adult and Graduate Studies

Physical and Mailing Address ..... 950 Hendersonville Road, Asheville, NC  
Main Phone ..... 828-667-5044  
Toll-Free Phone ..... 800-806-2777  
Fax..... 828-667-9079

### Black Mountain

Physical Address..... 191 Vance Avenue, Black Mountain, NC 28711  
Main Phone ..... 828-669-8012  
Toll-Free Phone ..... 800-690-7727  
Fax..... 828-669-0500

### Charlotte - School of Adult and Graduate Studies

Physical and Mailing Address ..... 212 South Tryon Street, Suite 1700, Charlotte, NC 28281  
Main Phone ..... 704-357-3390  
Toll-Free Phone ..... 800-436-2777  
Fax..... 704-676-4618

### Morganton - School of Adult and Graduate Studies

Mailing Address ..... P.O. Box 1389, Morganton, NC 28680-1389  
Main Phone ..... 828-475-2431

Note: School of Arts and Sciences online instruction is administered through the Montreat, NC location.

## Website

[www.montreat.edu](http://www.montreat.edu)

## **About Montreat College**

Montreat College is an independent Christian institution of higher learning, originally founded as a Presbyterian, church-related college, and remains grounded in the Reformed tradition.

At Montreat College, a student's experience is enhanced by an education of value, grounded in a strong liberal arts core, taught by outstanding Christian faculty, and prized by employers and graduate schools. Students benefit from Montreat College's small classes where their opinions matter and they grow through one-on-one interaction with professors and classmates. Students are challenged to integrate faith and learning while considering subjects in new ways. Hands-on experiences in the majors (internships, field studies, mission programs, community service, and independent research) enable students to gain practical career and life preparation.

Montreat College welcomes students of many denominations and cultural backgrounds, including students from all over the world. In a diverse, multicultural environment, students learn how to investigate the unfamiliar, think critically, and communicate and clarify their ideas. In the process, they develop the skills, personal values, and faith to confidently take their place in the world. In the residence halls or over dinner at a professor's house, students find themselves sharing perspectives and exchanging ideas. The distinct spirit of community goes beyond the faculty, staff, and students and extends to residents of the town of Montreat and neighboring Black Mountain, as well as to the "cottagers" who vacation here throughout the year.

Montreat College is a place where students can set themselves apart through an extraordinary range of leadership opportunities on the Montreat Campus. A nationally recognized Discovery Wilderness Program takes advantage of the mountain location and offers a unique twenty-one-day adventure for academic credit. Outdoor recreation opportunities available to students range from hiking to whitewater adventures to snow skiing. Students can also Choose from a variety of off-campus volunteer opportunities such as serving at nursing homes, churches, children's homes, and shelters.

Montreat College is a member of the Appalachian Athletic Conference (AAC) of the National Association of Intercollegiate Athletics (NAIA). At Montreat College, men compete in baseball, basketball, cross-country, golf, track and field, lacrosse, tennis, and soccer. Women compete in basketball, cross-country, golf, track and field, soccer, softball, lacrosse, tennis, and volleyball. Students also enjoy an active intramural program where exciting competition takes place throughout the year.

Montreat College includes the main campus in Montreat and sites in Black Mountain, Asheville, Morganton, and Charlotte. The School of Adult and Graduate Studies seeks to provide adult students a Christ-centered education through fully online and in-person, evening classes.

The School of Adult and Graduate Studies (SAGS) is designed especially for the adult learner who has completed some college work and desires to finish a degree in an accelerated program by attending class one night per week. Associate in Science (AS), Associate in Applied Science (AAS), Bachelor of Business Administration (BBA), Bachelor of Science (BS), Master of Arts (MA), Master of Business Administration (MBA), and Master of Science (MS) degrees are offered by the College through the SAGS.

### **Vision**

Montreat College seeks to be a leader in Christ-centered higher education regionally, nationally, and globally.

### **Mission**

Montreat College is an independent, Christ-centered, liberal arts institution that educates students through intellectual inquiry, spiritual formation, and preparation for calling and career, all to impact the world for Jesus Christ.

# Statement of Faith

Adopted by Board of Trustees May 5, 2016

## Preamble

The trustees and employees of Montreat College constitute an academic community of caring believers committed to the Lordship of Jesus Christ. Students are welcomed to this Christian community regardless of belief.

## Statement of Faith

The trustees and employees commit themselves to the following faith statement drawn from the college's Reformed tradition:

1. We believe in one sovereign God, eternally existing in three persons: God the Father; His only begotten Son, Jesus Christ, our Lord and Savior; and the Holy Spirit, the giver of life. (Daniel 4:25, 35; Mark 12:29; John 1:1, 14, 18; 14:28; 15:26; 16:28; Romans 9:15-23; Revelation 4:11)
2. We believe the Bible, the sixty-six books of the Old and New Testaments, is the infallible Word of God, completely inspired and authoritative, and is to govern Christians in every aspect of life and conduct. (I Thessalonians 2:13; II Timothy 3:16; II Peter 1:21)
3. We believe Jesus is the Christ, the Son of the living God, whom the Father sent into the world to atone for the sin of humanity. Jesus was conceived by the Holy Spirit, born of the Virgin Mary, and lived a life without sin. He was crucified and rose victoriously from the dead. Through His gift of grace, we as believers are redeemed for all eternity and are reconciled to the Heavenly Father. (Luke 1:26-37; 2:6, 7; John 3:16; Romans 3:10, 23; Romans 5:12-15; I John 3:8)
4. We believe the Holy Spirit is a free gift to believers from the Father and the Son to live within us and to empower us to love and obey the Lord and His Word. (John 14:15-17; John 16:5-15; Ephesians 1:13-14)
5. We believe the Triune God is the sole Creator and Sustainer of the universe. God created all things and declared all He created to be good. After creating Adam and Eve in His own image, in a state of original righteousness, and distinct from all other living creatures, the Lord gave to all humanity the responsibility of caring for His world. (Genesis 1-2; John 1:1-18)
6. We believe God's good and perfect creation became tainted in every aspect by sin from humanity's rebellion against God. We acknowledge the existence, evil power, and influence of Satan. (Genesis 3; Ephesians 6:12)
7. We believe the Church is all who believe in and confess Jesus Christ as Savior and Lord and receive God's grace. We are called by God to be His one body of believers, gathered in communities. Empowered by the Holy Spirit, the Church's call is to declare His Good News of salvation to the fallen and lost world, to make disciples, and to serve all who are wounded, broken, and neglected. (Matthew 28:16-20; Mark 16:15-18; Romans 10:9-10; II Corinthians 5:17-21; Ephesians 2:8-9; 4)
8. We believe all those who profess Jesus as Savior and Lord are to follow in His Way and are to live as those who magnify and glorify Him, the Head of His Church. As forgiven followers, we are called to live holy and blameless lives through the power of the Holy Spirit until that time when Jesus Christ shall return in all His glory. (I Corinthians 1:2; Ephesians 4:22-24; Hebrews 10:14; I John 3:4-9; 4:4; 5:1-5)

## Foundations

We believe humanity is God's creation in His own image, and therefore persons are thinking, relational, moral, and spiritual beings of dignity and worth. We seek to serve students in each of these dimensions. Our aim is to challenge students to become the complete person a loving God intends them to be, and to live in vital relationship with Him. Therefore, we seek to be a faith community as well as an academic community. We see our educational mission as an extension of the great ends of the church. We seek to graduate students who are committed to Christian servant-leadership in the world, promoting personal and social righteousness by God's grace and to His glory.

As a Christian College in the Presbyterian tradition, we are guided in our pursuit of academic excellence by the framework of Reformed beliefs. We confess the living God as the ultimate foundation of our faith and the source of all truth. We believe God is revealed perfectly in Jesus Christ. We affirm our Lord and Savior Jesus Christ as the center of history, restoring purpose, order, and value to the whole of life. We believe Jesus Christ to be the focus and culmination of scripture and that God's written Word is inspired, authoritative, and rightly interpreted by the Holy Spirit, our infallible rule for faith, conduct,

and worship. We study and address a world and humanity that were created good, corrupted by the fall, redeemed through faith in Christ, and are moving toward the final consummation of God's purposes through the work of the Holy Spirit.

## **Educational Objectives**

Approaching the integration of faith and learning from an informed, biblical perspective, faculty, staff, and students form a Christian community of learners that seeks to pursue the premise that all truth is God's truth and explore the significance of this in the various academic disciplines. We are committed to a thorough exploration of the complementary relationship between biblical truth and academic inquiry. We openly embrace students of all cultures, races, and faiths in an atmosphere of academic excellence, intellectual inquiry, and Christian love.

The College seeks to provide a broad, rigorous liberal arts curriculum with an emphasis on traditional and selected professional degree programs, including degree programs for adult learners. The educational goals of the College (aligned with the 3 Pillars of the Montreat College Mission) are that students will develop the following:

### **1. Intellectual inquiry**

- a) Effective written and oral communication skills.
- b) Critical thinking and problem-solving skills.
- c) Essential computer information systems skills.
- d) Competency in their academic majors.

### **2. Spiritual formation**

An informed, biblical worldview that includes the following:

- a) The sovereignty of God over all creation and knowledge.
- b) A lifestyle of Christian service to others and the community.
- c) The recognition of the intrinsic worth of self and all persons.
- d) A genuine critical openness to the ideas and beliefs of others.
- e) The formation of values and ethical reasoning.
- f) An appreciation for what is beautiful, true, and good in the arts and literature.
- g) A respect for and attitude of stewardship toward the whole of creation.
- h) An understanding of the past and its interconnectedness with the present and future.

### **3. Preparation for Calling and Career**

- a) Interpersonal and team skills and an understanding and appreciation of their personal strengths and weaknesses.
- b) Dispositions toward reflective and responsible citizenship needed to fulfill callings as effective leaders and committed laity.

## **Accreditation**

Montreat College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, and master's degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Montreat College.

The College is approved to prepare students for elementary education teacher licensure by the North Carolina Department of Public Instruction (NC-DPI). The Master of Arts in Clinical Mental Health Counseling is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

## **Affiliations**

Montreat College is a member of the Council for Christian Colleges and Universities, Appalachian College Association, Council of Independent Colleges, National Association of Independent Colleges and Universities, North Carolina Independent Colleges and Universities, Association of Christian Schools International, National Council for State Authorization Reciprocity Agreements, National Strength and Conditioning Association, and National Association of Intercollegiate Athletics.

## **History**

The beauty and tranquility of the Blue Ridge Mountains led Congregationalist minister John C. Collins to form the Mountain Retreat Association in 1897 "for the encouragement of Christian work and living through Christian convention, public

worship, missionary work, schools, and libraries.” By 1907, J. R. Howerton of Charlotte, NC, conceived and carried out the idea of purchasing Montreat for the Presbyterian Church in the United States. Then, in 1913, Dr. Robert C. Anderson, president of the Mountain Retreat Association, proposed that the grounds and facilities of the Association be used for a school during the academic year. In 1915, the General Assembly decreed “that the property of the Mountain Retreat Association be used for a Normal School and that the establishment of the school be referred to the Synods”.

The Synods of Appalachia, Georgia, Alabama, North Carolina, Tennessee, and Virginia elected trustees who met in Montreat on May 2, 1916, and elected Dr. Robert F. Campbell of Asheville, NC, chairman, Mr. W. T. Thompson Jr. of Knoxville, TN, secretary, and Ruling Elder T. S. Morrison of Asheville, NC, treasurer. The Montreat Normal School, a four-year preparatory and two-year college combination, opened its first session in October 1916 with eight students. Montreat Normal School continued to grow over the years. Throughout times of war, economic fluctuations, and rapid social change, the school sought to provide a Christian setting in which to prepare young women to become teachers.

In 1934, during Dr. Robert C. Anderson’s tenure as president, Montreat Normal School (College Department) was renamed Montreat College. The College grew as its academic program expanded. It began a four-year degree program in 1945. After 14 years as a four-year women’s college, the College was restructured in 1959 as a coeducational junior college and was given a new name, Montreat-Anderson College.

In 1986, the College Board of Trustees, realizing the demands and changing circumstances in higher education, made the decision to become again a baccalaureate institution. The dream of its first president, Dr. Anderson, was for the College to serve as an accredited baccalaureate institution. The College has realized that dream. It returned to the original name of Montreat College in August of 1995, sharing the original vision and identity. The change reflects the Montreat College of today, a four-year college with several growing campuses and a graduate program.

Montreat College’s School of Adult and Graduate Studies began as the School of Professional and Adult Studies offering classes on September 19, 1994. The College’s Charlotte campus was officially opened on September 11, 1995, and the Asheville campus held its grand opening on October 8, 1996. Montreat College purchased 72 acres of land with 21 buildings in Black Mountain in the summer of 2001, resulting in a total of four Montreat College campuses.

In June 1998, Montreat College was accredited by the Commission on Colleges of the Southern Association of Colleges and Schools as a level three institution to offer the Master’s in Business Administration degree. Since then, Montreat College added three more master’s degrees to its program offerings: The Master of Science in Management and Leadership, the Master of Science in Environmental Education, and the Master of Arts in Clinical Mental Health Counseling. In January 2013, the College launched its first three fully online degree programs offering its Christ-centered education in the virtual world.

Paul J. Maurer became the eighth president of Montreat College in July 2014. Dr. Maurer’s tenure at Montreat College has been marked by multiple years of record enrollment, a host of new academic programs, and dozens of physical campus upgrades including a multi-million-dollar remodel of the Howerton Dining Hall. He led the college to clarify its identity as a Christ-centered institution, which resulted in a mission-centric culture focused on intellectual inquiry, spiritual formation, and preparation for calling and career. As a result, the college intentionally teaches character and ethics in all degree programs.

Montreat’s recent growth has been driven by new STEM-related programs. In addition to new and growing programs in the health sciences, the college has committed to developing multiple offerings in cybersecurity, through in-person and online learning platforms. Montreat College is the first faith-based school in the United States to be designated a Center of Academic Excellence by the National Security Agency (NSA). The college has taken clear steps to become an emerging leader in cybersecurity education. In 2020, Montreat launched the Carolina Cyber Center, a public-private partnership creating a national demonstration model that serves both the common good and as a support to the college’s mission. The Carolina Cyber Center seeks to develop cybersecurity professionals of character and to forge a more secure North Carolina.

The Presidents of the College have been Dr. Robert Campbell Anderson, 1916–1947; Dr. J. Rupert McGregor, 1947–1957; Dr. Calvin Grier Davis, 1959–1972; Dr. Silas M. Vaughn, 1972–1991; Mr. William W. Hurt, 1991–2002; Dr. John S. Lindberg, 2002–2003; Dr. Dan Struble, 2004–2013; and Dr. Paul J. Maurer, 2014 to the present.

## **Campus Locations**

Montreat College is located in the beautiful Blue Ridge Mountains of western North Carolina. The scenic main campus is nestled into sloping woods just 15 miles east of Asheville, NC, and three miles from I-40. Students enjoy the proximity of Asheville, one of North Carolina’s most architecturally and culturally diverse cities. Adjacent to Montreat is the historic town of Black Mountain, with picturesque avenues, stores, and restaurants.

The climate is widely recognized as one of the world's finest, and the region has been a major summer and fall vacation area for years. Several ski resorts are located within easy travel from the campus, making the area a winter favorite as well.

Montreat College's main campus is set in the mountain valley town of Montreat. The tree-filled campus contains many small streams. Students enjoy living in the beautiful mountain stone residence halls that provide views of the mountains surrounding the campus. Two men's residence halls and two women's residence halls house more than 75 percent of the main campus student body. A complete facilities listing is available in the back of this catalog in the Facilities Directory.

The Black Mountain location is a softly rolling, wooded estate situated three miles from the main campus in the historic town of Black Mountain. This 72-acre property was purchased in 2001, and an additional 17 acres were purchased in 2004. Montreat College has flourished with the addition of these properties. Originally a conference center, the campus is now home to our Manor House.

The Manor House is a 24,400-square-foot facility built in 1920 and is now listed on the National Register of Historic Places. Originally the summer home of electrical industrialist F. S. Terry, the Manor House contains bedrooms, meeting areas, and service facilities—including an indoor pool and gymnasium. The Manor House also provides space for classrooms, a computer lab, and offices.

The 89-acre property includes the Outdoor Recreation Studies' Team and Leadership Center with the High Teams Course, Challenge Tower, and Group Initiatives. The property is the location of the Rusty Pullman Stadium (encompasses the Howard Fisher Memorial Park turf field), the cross-country course, and the Roxy Hines Memorial Softball Park.

Montreat College's School of Adult and Graduate Studies has facilities located in Charlotte, Morganton, and Asheville, NC. The Charlotte location is centrally located in the uptown and is easily accessible from anywhere in the city. The Asheville location is convenient and practical, having been designed with the adult student in mind.

## **Main Campus Buildings**

**Gaither Hall** (1935, later renovated) houses the President's Office, Advancement, Alumni Relations, Marketing and Communications, Office of the Registrar, Business Office, Admissions, Student Financial Services. Graham Chapel, classrooms, a music laboratory, music faculty offices, and the Fellowship Hall are also located in Gaither Hall. AED<sup>1</sup>

**McGowan Center for Christian Studies** (1998) provides classrooms, conference and seminar rooms and offices for the Biblical, Religious and Interdisciplinary Studies Department and Dean of Spiritual Formation. It also features the 212-seat Chapel of the Prodigal with a fresco based on the return of the prodigal son by internationally known artist Ben Long.

**L. Nelson Bell Library** (1972, later renovated) is a centrally located facility containing print and e-book collections, access to numerous full-text journals, study rooms, the Thrive Center for Learning, Calling, and Career, and a computer lab available for student and community use. The Bell Library belongs to a regional consortium of college libraries, which greatly enhances study and research opportunities for faculty and students. The College has a campus wide fiber-optic computer network linking the computer lab with the campus and providing access to the Internet. Lower Nelson Bell Library also houses Student Health and Counseling Services. AED<sup>1</sup>

**Hamilton Gallery** (1997) is located on the mezzanine of the L. Nelson Bell Library and provides space for student art as well as traveling and local exhibitions.

**Morgan Science Building** (1969, later renovated) provides ample classroom space for science and mathematics classes and well-equipped laboratories. In addition, it includes the offices of the Natural Sciences department, a large lecture hall, and a seminar room.

**McAlister Gymnasium** (1954, later renovated) provides classroom facilities for health, physical education and outdoor recreation disciplines. The structure also houses the Physical Education faculty, and the athletic coaches. In addition are locker rooms, an athletic training facility, a weight room, and the gymnasium. AED<sup>1</sup>

**Anderson Hall** (1968, renovated 2014), air-conditioned with private baths and an elevator, provides residence for 144 women. The five-story building has a spacious lobby and is carpeted throughout.

**McLeod Hall** (TBD, renovated 2022), provide meeting and office space for Cybersecurity and Business and Economics.

**McGregor Hall** (1942, later renovated), an air-conditioned residence hall for upper-class women, features an extensive lobby dominated by a large stone fireplace.

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<sup>1</sup> AED: An Automated External Defibrillator is in this building.

**Davis Hall** (1964, later renovated) is an air-conditioned men's residence hall accommodating 102 students. It has a private lounge and reception area and baths on each floor.

**Howerton Hall** (1979, later renovated), an air-conditioned men's residence hall housing 112 students, has private or adjoining baths for all rooms.

**Howerton Dining Hall** (1950, later renovated) provides food service for students, faculty and staff, and guests. A small, private room is also available for group meetings. AED<sup>1</sup>

**W. H. Belk Campus Center** (1985) is centrally located on campus beside Gaither Hall. This structure includes a large student recreation area with student mailboxes; the campus bookstore; document center; the offices of Academic Affairs, Student Life, Technology, and the Business and Art faculty; classrooms; and cybersecurity lab.

**Anderson House** (1912), the former residence of founding President Dr. and Mrs. R. C. Anderson, serves as a comfortable setting for special occasions and receptions.

**Newell Athletic Field** (1982), with a spectacular view of the mountains, contains the collegiate baseball field, which was literally carved out of the mountainside. Physical education classes and intramural sports are also conducted on this field.

**Black Mountain Athletic Complex** (2016) includes an 8-lane, 400-meter running track, an athletic field for soccer and lacrosse, and a softball field.

## **Black Mountain Campus Building**

### **Abbott Hall**

Houses the offices, classrooms, and storage space for the Outdoor Recreation Studies Program.

### **Montreat Conference Center Facilities**

MCC provides facilities often used by Montreat College:

**The Assembly Inn**, an attractive conference hotel across Lake Susan from the College campus. Parents and friends of students will find comfortable accommodations here. For reservations, write the Assembly Inn, Montreat, NC 28757, or call (828) 669-2911.

**Tennis courts** are used for College teams, classes, and personal play.

**Anderson Auditorium**, the year-round assembly hall which seats more than two thousand people, is available for College commencements, concerts, and convocations.

**The Barn** serves as the Montreat College center for Choose events.

# Admission Information

For information and application materials for the School of Arts and Sciences, please contact the Office of Admissions:

Office of Admissions  
Montreat College (MC 865)  
P.O. Box 1267, Montreat, NC 28757  
828-669-8012 | [admissions@montreat.edu](mailto:admissions@montreat.edu) | [www.montreat.edu/admissions](http://www.montreat.edu/admissions)

Montreat College is committed to providing a liberal arts education rooted in Christian faith and committed to the integration of faith and learning. Montreat College enrolls students from a variety of ethnic, social, and economic backgrounds who provide a positive addition to the life of the College and who have the potential to have an impact on the world as agents of renewal and reconciliation. Admissions decisions are based on the following:

- Academic achievement and potential as indicated on the transcripts and standardized test scores of the applicant.
- Personal characteristics, motivation, and integrity.
- Leadership ability as demonstrated by participation in school, community, or religious organizations.

## General Application Information

**Applying for Admission / Early Acceptance** - Students may enter Montreat College's School of Arts and Sciences at the beginning of either the fall or spring semester. Although the College has a rolling admission policy for each semester, students are strongly encouraged to apply well before the start date of the semester they wish to enter. Students who are accepted and who have paid the enrollment deposit will receive preference in course scheduling and housing options.

A campus visit is the single most important step in determining the right college to attend. Montreat College encourages any interested persons to visit, tour the campus, talk to professors and students, and eat in the dining hall. Individual appointments and open house events are available. Visit [www.montreat.edu/visit](http://www.montreat.edu/visit), call 828-669-8012, or e-mail [admissions@montreat.edu](mailto:admissions@montreat.edu) for more information.

**Evaluation of the Application and Credentials** - When all application forms and credentials (transcripts, test scores, etc.) are received from the applicant, Admissions personnel will review the file and the applicant will be notified of the decision by mail. Each qualification will be considered in relation to the others to determine the admissions decision (acceptance or rejection). The student meeting the College's criteria will be admitted with Standard or Conditional status. When accepted, the student must pay the \$150 enrollment/admissions deposit<sup>1</sup>. This deposit secures a student's place in the incoming class and is due upon acceptance. Deposits are fully refundable for Fall students who withdraw their application by May 1 and for Spring students who withdraw their application by December 1.

If acceptance is determined based on unofficial academic documents (transcripts, test scores, etc.), the student must submit final<sup>2</sup> official copies of all required documents (see below) by the first semester's last day of final exams. Failure to provide final official documents by the deadline will result in forfeiture of all academic credit from the granting institution. See Official Documentation of Transfer and Other Academic Credit on page 20 for more information.

**Medical Examination and Immunization Records** - Before any new student can begin classes or move into a residence hall, a medical examination report and immunization record must be filled out in full and signed by a physician. North Carolina State Law requires all students attending a public or private college or university to submit proof of immunizations prior to enrollment. All records of immunization must be certified either by a physician's signature, a health department stamp, or be a copy of a North Carolina school health record. Dismissal from college is mandatory under the law if these immunization requirements are not met.

**Validation of all High School Transcripts** - According to federal regulations, high school diplomas must be valid for a student to be eligible for Title IV funding (i.e. federal funding).

Beginning July 1, 2011, Federal regulations require all colleges and universities to evaluate the validity of a student's high school diploma if the institution or the Secretary of the Department of Education has reason to believe that the diploma is not valid or was not obtained from an entity that provides secondary school education (Higher Education Act § 668.16(p)).

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<sup>1</sup> The deposit is credited as a payment to the students' account.

<sup>2</sup> A final official transcript has grades for all coursework. A transcript showing in-progress work is not considered final.

The Admissions Office will confirm that all students' transcripts arrive from a high school with a CEEB code, as well as the high school seal and/or signature. If a transcript is from a high school that lacks a CEEB code or seal/signature, the Admissions Office will investigate to confirm that the state department of education or home school association recognizes the school. The Admissions Office may request a copy of the student's diploma at any point in the admissions process to verify diploma validity. If a diploma is determined invalid, General Educational Development (GED) tests may be required for admission consideration.

## First-Year Student Admission

Students entering the School of Arts and Sciences as first-year students must submit the following:

- A formal application (apply online).
- A letter of recommendation from a high school counselor or teacher. ***For standard applicants, this requirement is waived if the student's academic index calculation is 2,970 or above. For test-optional applicants, this requirement is waived if the student's unweighted high school GPA is 2.75 or higher.***<sup>1</sup>
- An official final transcript of high school credits indicating date of graduation and grade point average (GPA). The un-weighted GPA is used when making an admissions decision. Additionally, an official final homeschool transcript must include the date of completion/graduation and the signature of the home educator.<sup>2</sup>
- High school core course recommendations include four years English, three years science, three years social studies, three years math (Algebra I, II, and Geometry), and one year of a foreign language. The transcript should indicate successful completion of requirements for graduation with a diploma, State High School Equivalency Diploma, or record of successful completion of General Educational Development (GED) tests.
- Standard Applicants only: Official Scholastic Aptitude Test (SAT) scores from the College Entrance Examination Board, Princeton, NJ 08540, American College Testing (ACT) scores from the American College Testing Program, Iowa City, IA 52240, or Classic Learning Test (CLT) Annapolis, MD 21401 as recorded on an official high school transcript or sent directly by the test center to Montreat College (Code No. 005423). International students must submit a score from either the Test of English as a Foreign Language (TOEFL), the International English Language Testing System (IELTS), or the International Test of English Proficiency (iTEP). ***For test-optional applicants, this requirement is waived.***<sup>3</sup>
- An official final transcript from all colleges or universities where the student enrolled for any type of courses even if no credit was earned (due to withdrawal, failure, or for other reasons). "Official final" means that all courses show final grades and there are no "in-progress" courses listed.

Students receiving Veterans Affairs benefits cannot have their courses and fees certified until all official transcripts are received.

**First-Year Admission Criteria:** Montreat College admissions criteria are based on our commitment to student success and academic excellence.

- Standard Admission requirements include a 2.75 (B-) minimum GPA (un-weighted) and a 1080 SAT (combined Evidence-Based Reading and Math sections) or 21 ACT (Composite Score) or 70 CLT **or** an academic index<sup>1</sup> of 2970 (SAT taken March 2016 or later) or 2750 (SAT taken prior to March 2016). Recommendation is optional.
- Test-Optional Admission requirements include a 2.75 (B-) minimum GPA (un-weighted). Recommendation is optional.
- Provisional Admission is granted to students on a case-by-case basis based on a comprehensive review of their credentials and a demonstration of their potential for academic success.
- Conditional Admission is granted to students on a case-by-case basis. Students admitted conditionally will be limited to enrollment in 14 semester credit hours for their first semester and are required to enroll concurrently in INDS 1102 Foundations of Faith and Learning and IS 103 College Success Lab.

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<sup>1</sup> The academic index can be calculated by using the following formula: (Cumulative High School GPA) x (highest combined Evidence-Based Reading and Math scores from SAT). If the student takes the ACT or CLT, an SAT equivalency will be determined and used in calculating the academic index.

<sup>2</sup>Admissions decisions may be made based on unofficial transcript(s). However, all required final, official transcripts must be received by the end of the first semester at Montreat College.

<sup>3</sup>TOEFL/IELTS/iTEP scores can be waived under certain conditions. See International Admissions for details.

## International Student Admission

International applicants must meet the Standard or Provisional Admission requirements for either First-Year or Transfer Admission (which includes proficiency in the English language) and report financial solvency.

International students entering the College of Arts and Sciences must submit or complete the following:

- A formal application (apply online).
- An official, translated transcript to determine international academic credentials including GPA. Evaluators include InCred, [www.incredevals.org](http://www.incredevals.org); World Education Services, [www.wes.org](http://www.wes.org); International Education Evaluations, Inc., [www.myiee.org](http://www.myiee.org). **Student athletes must use InCred as it provides data directly to NAIA.**
- For the student's secondary school record, Montreat College requires the applicant submit at least a Basic Evaluation.
- International students who have attended a post-secondary institution must submit a course-by-course Transcript Evaluation.
- SAT or ACT or CLT scores for undergraduate applicants who speak English as their first language
- TOEFL, IELTS or ITEP results for all applicants who speak English as a second language.
- The applicant must score a minimum of 75 (undergraduate) or 80 (graduate) on the TOEFL, a 6.0 on the IELTS, or a 3.7 on the iTEP.
- The TOEFL/IELTS/iTEP scores can be waived under the following conditions:
  - if the applicant has successfully completed (with a grade of C or higher) college-level English I and II OR
  - if the undergraduate applicant has successfully completed (with a grade of C+ or higher) 2 years of high school English courses in the U.S. OR
  - if the undergraduate applicant has a minimum score of 500 on the Evidence-Based Reading section of the SAT or ACT Reading score of 18
- Submit the Financial Obligation Form.

Deadlines for Fall Semester:

### June 1: International Student Application Deadline

- **July 1: Missing Information Deadline** –All transcripts, transcript evaluations, and official exam results must be submitted along with housing form, financial obligation form, medical forms, and payment. Once this is completed an I-20 will be created.

Deadlines for Spring Semester:

- **October 15: International Student Application Deadline**
- **November 15: Missing Information Deadline** –All transcripts, transcript evaluations, and official exam results must be submitted along with housing form, financial obligation form, medical forms, and payment. Once this is completed an I-20 will be created.

It usually takes 4-5 weeks to obtain a student visa and prepare for arrival in the United States after an I-20 is received.

International students may enter the country no sooner than 30 days prior to the start of the term in which initial instruction is to begin.

## Home School Student Admission

Students who complete their secondary education in a home school setting must present an official record of their home school courses. A career GPA must also be included. All other qualifications listed under "Admission of First-Year Students" must be met.

## Transfer Student Admission

Montreat College welcomes transfer students. A minimum of 30 semester credit hours of transferable credits with a minimum grade of C (2.00 on a 4.00 scale) will permit a student to enter with sophomore status; students with 60 semester credit hours will be granted junior status, and students with 90 semester credit hours will be granted senior status. All students seeking degrees must meet the requirements as outlined under "Degree Requirements" regardless of the total credits accepted in transfer. (See "Conditions of Acceptance of Transfer Credit" in this section for details on the College's transfer policy.) Transfer students must submit the following:

- A formal application (apply online).
- An official transcript from all post-secondary institutions previously attended.<sup>1</sup>
- Students in their first semester of college must submit an official high school transcript directly to Montreat College<sup>2</sup>.

### Submission of Transcripts (official and unofficial)

All transcripts, both official and unofficial, must be submitted directly to the Admissions Office. Transcripts submitted to other departments will not be considered for preliminary evaluation.

A preliminary transcript evaluation may be completed using unofficial transcripts.

**Transfer Admission Criteria:** Montreat College admissions criteria are based on our commitment to student success and academic excellence.

- Standard Admission requirements include a 2.0 (C) minimum GPA for college level work. If a student is in their first semester of college, an official high school transcript must be submitted directly to Montreat College.
- Students who do not meet these standards will be reviewed on a case-by-case basis. These students will be limited to enrollment in 14 semester credit hours for their first semester.

Students wishing to transfer college credit from institutions outside of the United States must have their transcripts translated to the English language. The College requires the use of a transcript translation and evaluation service to determine international academic credentials. For service referral, please contact the Office of Admissions.

### Conditions of Acceptance of Transfer Credit

Montreat College strives to ensure the highest quality academic experience for all our students. To that end, the following policies will apply to the acceptance of credit earned at other institutions. We classify transfer credit in three types as indicated in the table below.

Accreditation	Credits Accepted	Conditions
Type 1 - Accredited, regionally	Yes	Subject to limits described below
Type 2 - Accredited, non-regionally	Yes	Accrediting body must be recognized by ACE, CHEA, or the USDE (see below)
Type 3 - No accreditation	No	N/A

Additionally, we apply certain limits on transfer and other academic credit:

- **Number and Type of Accepted Credits** - We require that credits apply to students' degree programs and limit the number of credits applied via credit-by-examination, from non-regionally accredited institutions, and from documented learning.
- **Timeframe to Provide Official Documents** - There is an "expiration date" for transfer and other academic credit after which we will not accept it nor apply it to the student's transcript, regardless of the type or source of credit. See Official Documentation of Transfer and Other Academic Credit on page 20.

Credit from postsecondary institutions accredited through organizations recognized by the American Council on Education, the Council on Higher Education Accreditation, and/or the United States Department of Education will be considered on a case-by-case basis with all policies outlined herein applying.

- A 4.0, lettered grading scale and the semester credit hour are the bases for evaluation and application of transfer academic work to the student's academic record except as noted below.

<sup>1</sup> Admissions decisions may be made based on unofficial transcript(s). However, all required final, official transcripts must be received by the end of the first semester at Montreat College. If these are not received, students will not be allowed to enroll in subsequent semesters.

<sup>2</sup> Students receiving **Veterans Affairs** (VA) benefits cannot have their courses and fees certified until all official transcripts are received. If these students are transferring less than 24 college semester credits, official high school transcripts must be received by Montreat College prior to full admission. VA students' courses and fees cannot be certified until these are received.

- Academic work from a regionally accredited postsecondary institution with a grade of C or better will transfer. Courses that do not apply to a student's degree program will not be accepted or posted to the transcript.
- Physical activity courses graded P (passing): A maximum of 2 may transfer. These are the only courses where a grade of P is acceptable for transfer credit.
- Transferred courses must be at the same level<sup>1</sup> and equivalent in content to Montreat College courses to satisfy degree requirements. If there is any question of course equivalency, it is the responsibility of the student to provide evidence of course equivalency (course description, syllabus).
- Montreat College endorses the North Carolina Comprehensive Articulation Agreement, which can be viewed at [www.northcarolina.edu](http://www.northcarolina.edu). Transfer students who have earned the Associate in Arts or Associate in Science degree from a North Carolina Community College and who meet the minimum requirements for admission to Montreat College will receive transfer credit for all eligible courses subject to normal transfer credit policy. No more than 66 semester hours may be transferred from 2-year accredited postsecondary institutions not covered in an articulation agreement.
- The transfer student may transfer a maximum of 90 semester credits from regionally accredited 4-year postsecondary institutions.
- The combined total of credits that can be accepted from non-regionally accredited colleges or universities, Canada's National Council on Accreditation (NCA) credit, or Credits by Examination is **30** for a bachelor's degree, or **15** for an associate degree.
  - Courses from non-regionally accredited colleges or universities are considered on a course-by-course basis; coursework must have an earned grade of C or better; acceptance of such credits is dependent upon Montreat College's evaluation of the equivalency of coursework and level of instruction.
    - Academic work presented from a nationally accredited agency recognized by ACE, CHEA, or the USDE may be evaluated for transfer equivalency.
    - Students may request that academic work presented from a non-accredited, faith-related institution (Type 3) be considered for transfer equivalency. Courses will be reviewed with the potential for **6** total credits allowed in transfer.
  - Exceptions can be made to the credit limit in the evaluation of military transcripts.
- The maximum number of combined credits from accredited or non-accredited collegiate institutions is **90** semester credits.
- For courses from an international institution, the transcript must be translated and evaluated by a credible educational evaluation company.
- The transfer of courses into the undergraduate or graduate core must be approved by the Office of the Registrar, in consultation with a full-time faculty member in the discipline. Approval of transfer credit for the program core should be finalized prior to enrollment into the degree program.
- Credits from regionally accredited institutions will be considered for courses which Montreat College offers no equivalent course, provided that the transferred course is considered within the general framework of the liberal arts curriculum and is relevant to the degree pursued. Only courses that are academic in nature and purpose will be accepted in transfer.
- Vocational training courses, such as air conditioning technology, electrical circuitry, welding, and typing are **not** accepted. However, some vocational courses that are academic in content may be considered for up to 30 semester credit hours.
- Transferred quarter credit hours will be converted to semester credits using the following formula:
  - Semester credit = quarter hours x 2/3.
- A degree-seeking Montreat College student who wishes to enroll in courses offered by another institution must complete the Approval for Credit Transfer (ACT) form and receive approval to do so from the Office of the Registrar. Failure to follow this procedure may result in loss of transfer credit for these courses.
- Students transferring with senior status from another institution must successfully complete at least **18** semester credit hours in their major and a minimum of **32** credits overall at Montreat College.
- A student who is transferring from another institution and who has been placed on academic probation/warning for the previous semester will be automatically placed on academic probation at Montreat College.
- Courses transferred to Montreat College will be assigned the grade of *P* (passing) and will be considered in earned credit totals but will not affect the grade point average calculation or be included in the graduation honors calculation.

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<sup>1</sup> Level: Freshman (1000s), sophomore (2000s), junior (3000s), or senior (4000s)

Students who are transferring and are participating in athletics must also follow guidelines established by the NAIA to be considered eligible. Meeting athletic eligibility requirements does not automatically qualify a student for admission to the College.

Official transcripts are required to receive transfer credit from an approved institution. For printed paper copy transcripts to be considered official, they must be received directly from the issuing institution or a bona fide proxy in a sealed envelope. For electronic transcripts to be considered official, they must be received by the College via a recognized transcript service. The Office of the Registrar will determine the authenticity of a transcript in cases of uncertainty.

### **Official Documentation of Transfer and Other Academic Credit**

Montreat College will accept and apply, as defined elsewhere in this catalog, qualifying college coursework and other qualifying academic credit to a student's academic record when the following conditions are met:

- Unofficial copies of all transfer or credit-bearing work must be received by the last day of the Drop/Add period. The effect of this is affording them additional time to provide official copies of the same.
- Official copies of all transfer or credit-bearing work must be received by last day of finals of the student's first semester.
  - Transcripts must be official and final. Transcripts with in-progress work are not considered final.

**Consequences** - Failure to provide official documentation by the deadline:

- Forfeits all credit the student may have otherwise received from Montreat issued by the other institution/organization.
  - Clarification: Montreat College will not post academic credit from other sources to the student's transcript when official documentation is received after the end of the student's first semester at Montreat.
  - Clarification: If the student earns credit at the same institution after the first semester Drop/Add deadline, only that "new" credit may be applied to the academic record if official documentation is provided.
- Obligates the student to retake all courses necessary to satisfy Montreat degree requirements.
  - This may impact Satisfactory Academic Progress as determined U.S.D.E. Student Financial Aid policies.

### **Application of Transfer and Other Academic Credit**

Montreat College will assess academic credit earned elsewhere to determine transferability and proper application to degree requirements. When incoming courses or other credit has not been previously assessed by Montreat, it is the student's responsibility to provide course descriptions (and, at the College's discretion, course syllabi) in order to make a determination.

## **The Enrollment File**

Montreat College maintains an enrollment file on each student in compliance with federal and state law, accrediting body regulations, and institutional policy. The process of building the student's enrollment file begins during the admissions process. When all necessary documents (as identified in this section) are received, the file is considered complete for admittance/acceptance; however, additional documentation is required for enrollment purposes. This includes official transcripts, test scores, or other documents that verify (a) credit-bearing activity for possible posting to the student's Montreat academic record and/or (b) enrollment at other colleges or universities (even if no credit was earned/awarded).

## **Readmission of Former Students**

The Admissions Office oversees the readmission process. Students formerly enrolled at Montreat College who, for any reason, have not attended classes at Montreat for a semester<sup>1</sup> or more must submit the following:

- A formal readmit application from the Montreat College website.
- A medical examination report and immunization record filled out in full and signed by a physician (See "Admission of First-Year Students"). The Admissions office will contact Health Services to see if a previous record is still on file.

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<sup>1</sup> A student who withdraws from all courses in a semester may return the immediately following semester (a) without applying for admission and (b) by requesting "administrative return clearance." Admissions staff will seek clearances from Student Financial Services and the Office of Student Life.

- Official transcripts from each institution attended since leaving Montreat College. Any student readmitting to Montreat College must have a minimum combined GPA of 2.0 on a 4.0 scale for all academic work completed while at Montreat College and at any other institutions during the time since attending Montreat College.
- Students who have left Montreat College on Academic Probation must submit an essay to the Admissions Review Committee explaining why they will now be academically successful.
- Students who have left Montreat College on Academic Suspension and wish to be readmitted may apply after an absence of one semester. They must submit an essay explaining why they will now be academically successful and transcript(s) showing completion of two college-level courses from another institution(s) with grades of “C” or above since leaving Montreat College. These documents will be examined by the Admissions Review Committee which may request an interview or letters of recommendation prior to making an admissions determination.
- Students who have been suspended due to academic dishonesty will not be eligible to reapply to Montreat College for at least two (2) years after dismissal. These students must write letters of appeal for readmission addressed to the Vice President for Academic Affairs.
- Students must be cleared by Financial Services, Student Life, and Athletics, if applicable, prior to readmission.

Students who do not meet all standards for readmission will be reviewed on a case-by-case basis by the Admissions Review Committee. The Admissions Office should be consulted for appropriate readmission procedures. If students have been withdrawn for more than five years, they are classified as new students and must go through either the “Admission of First-Year Students” or the “Transfer Admission” process.

Students who leave the College and are later readmitted must meet the current admissions, academic, and community standards and requirements at the time of readmission.

## **Students Seeking a Second Bachelor’s Degree**

A student who has earned a bachelor’s degree may pursue another at Montreat by following Transfer Student admissions and graduation requirements and policies. This student is limited to the remaining federal loan eligibility as a source of financial aid. The student must contact Student Financial Services prior to orientation/registration to determine the ability to pay for the second degree.

## **Admission of Part-Time Students**

Students are considered part-time when they are seeking a degree, have applied, and been accepted as a regular student, and are taking fewer than 12 credit hours in each semester. Students seeking to enroll part-time must follow the application guidelines and meet the admission requirements as outlined under “Admission of First-Year Students” or “Transfer Admission.”

## **Admission of Special Students**

Students may be admitted to the College to take academic courses for transfer or for their personal edification without pursuing a degree at Montreat College.

Special student classifications include the following:

- Visiting = degree-seeking at another institution
- Non-degree = receiving college credit but not seeking a degree
- Audit = attending college course without receiving credit<sup>1</sup>

Students wishing to enter under the “special” classification should submit the following:

- A special student application indicating the desired admission status.
- An official transcript from the most recent institution (Auditing students are exempt).
- An official transcript showing the completion of Prerequisite or co-requisite courses if planning to enroll in courses for which these are required.
- Immunization and other medical forms (required for all students taking 4 or more hours on campus). All records of immunization must be certified either by a physician’s signature, a health department stamp, or be a copy of a

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<sup>1</sup> Students planning to audit a course must also receive approval from the instructor of the course; see *Auditing Courses* under Academic Information.

North Carolina school health record. Dismissal from school is mandatory by law if these immunization requirements are not met.

Special students are not eligible for financial aid.

A non-degree seeking student who later decides to pursue a degree, or a certificate must complete a full Application for Admission and meet admission requirements. Credits earned as a non-degree seeking student are part of the permanent academic record and may be applied toward the Selected Montreat College degree or certificate program should the student later apply for a degree or certificate program.

## Early Admission

This program allows the high school student who excels academically to be accepted for admission upon completion of the junior year. A minimum high school GPA of 3.0 (or equivalent) is required to apply. Requirements listed under “Admission of First-Year Students” apply.

## High School Dual Enrollment

High schools that apply Montreat College courses toward a student’s graduation requirements may participate in this program. Juniors and seniors can take up to 12 credit hours on the Montreat campus for \$100 per credit hour<sup>1</sup>. To enroll in courses through this program, the student should submit to the Admissions Office:

- A dual enrollment application.
- An official copy of the high school transcript.
- Immunizations and other medical forms<sup>2</sup>.

This program does not qualify for federal financial aid.

## Credit by Examination (CbE)

A student may participate in a variety of credit by examination programs to earn credit toward degrees awarded by Montreat College. A maximum of 30 semester credit hours may be awarded through any combination of these programs. Credit earned will be recorded as *P* (passing) on a student’s transcript. The student must request official score transcripts from the examination program and have them sent to Montreat College. The presence of CbE credit on other schools’ transcripts is not sufficient.

Credit will not be granted from exams administered internally by other institutions.

**Advanced Placement Program (AP):** This credit by examination program is sponsored by the College Entrance Examination Board for evidence of completion of college-level courses taken in high school. Scores of 3, 4, or 5 will be accepted, depending on the discipline.

**Cambridge Assessment (CA):** AS and A level courses completed (or exams scored) 5 or 6 will be accepted. Courses/Exams will be used to satisfy degree requires when possible and otherwise as electives up to established limits for CbE credit.

**College Level Examination Program (CLEP):** The CLEP subject area examination will award credit toward graduation to students who receive a passing score on the exam according to ACE recommendations.

**Defense Activity for Nontraditional Education Support (DSST):** This credit by examination program uses various subject area examinations. Guidelines developed by the American Council on Education (ACE) for awarding these credits are followed. Tests may not be taken for credit if the student has ever taken a course in the subject area.

**Educational Credential Evaluators (ECE):** This credit by examination program is like other subject area examinations. Guidelines developed by the American Council on Education (ACE) for awarding these credits are followed.

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<sup>1</sup> Applicable courses apply. Credit hours beyond 12 will be charged at the current part-time, per-hour tuition rate.

<sup>2</sup> Required for all students taking 4 or more hours on campus. All records of immunization must be certified by a physician’s signature, a health department stamp, or be a copy of a North Carolina school health record.

**International Baccalaureate (IB):** The International Baccalaureate Organization's Diploma Program is a demanding two-year, pre-university course of study that leads to examinations. It is designed for highly motivated secondary school students aged 16 to 19. Like Advanced Placement (AP) examinations, students enrolled in the International Baccalaureate (IB) Diploma Program earn credit hours or advanced placement in college courses. Scores of 5 or 6 will be accepted, depending on the discipline.

**Modern Foreign Languages:** Spanish placement exams are given during Welcome Week at the beginning of the fall semester, during New Student Orientation at the beginning of the spring semester, and during Pre-Registration in November and March. Students who place into a course by exam will receive credit for the preceding lower-level course(s) upon successful completion of the course into which they have been placed. A maximum of six credit hours may be earned by placement exam.

The American Council on the Teaching of Foreign Languages (ACTFL) offers proctored proficiency assessments in many world languages for reading and listening comprehension and reading and writing skills. Montreat College awards college level credit based on recommendations by the American Council for Education (ACE) for the different levels of competency demonstrated, whether the student learned the language in a classroom or non-classroom setting. These assessments must be arranged through the College, by contacting the Academic Affairs office.

## **Military Credit**

Military credit is treated in the same way as general transfer credit. Military credits may count toward specific course requirements beyond general electives. Following the review of military transcripts by the Office of Admissions and the Office of the Registrar, Department Chairs will be consulted to review courses for major-specific transfer credit.

Montreat College uses the American Council on Education's (ACE) guide to evaluating educational experiences in the armed services for evaluating all military credit. An official Joint Services Transcript (JST) or officially certified DD-214 is carefully evaluated for all details concerning military experiences; credits are awarded at face value. The JST should accompany the student's application for admission. The ACE recommendation for use of military credit(s) must fit within a Montreat College program for transfer credit to be approved. Credits can be applied to the major if they closely match Montreat College courses.

Credits completed at the Community College of the Air Force with a grade of *S* are reviewed as general elective credit. Credits with grades of *A – C* are evaluated just like any other two-year college transcript.

## **Medical Forms and Concerns**

New students are required to complete several medical forms related to medical history and current medical health. These are mandated by North Carolina law and needed for certain courses and student activities. These forms are initially collected by the Office of Admissions prior to enrollment at the College. Student athletes and students participating in certain courses (such as those facilitated by the Outdoor Recreation Studies Program) may be required to submit yearly medical updates. Faculty/instructors will also ask students to advise them about any significant medical conditions or limitations on the students' abilities to participate in courses requiring physical exertion. However, it is each student's responsibility to inform staff/faculty of any significant medical history or restrictions.

## Student Financial Services Information

For financial services information and application materials for the School of Arts and Sciences, please contact the Student Financial Services Office:

Student Financial Services Office  
Montreat College (MC 881)  
P.O. Box 1267, Montreat, NC 28757  
800-545-4656 | [financialservices@montreat.edu](mailto:financialservices@montreat.edu)

Tuition, fees, and other costs for the 2022-23 academic year are listed in Appendix B on page 237. Montreat College reserves the right to modify charges at any time.

The Student Financial Services Office is committed to providing financial resources to students who seek an education at an institution committed to integrating faith and learning. In partnership with federal, state, and local organizations, the Office will coordinate the administration of all students' financial assistance awarded to ensure equity and consistency in the delivery of funds to students.

### General Information

The term *financial aid* refers to any and all sources or types of funds a student may use to cover the expenses associated with attending college other than personal or family resources. Sources may include government agencies, businesses, foundations, and the College. Types of aid include scholarships, grants, loans, and student employment.

There are two forms of financial assistance at Montreat College – aid based on financial need and aid based on other criteria, such as academic or athletic achievement. Each year, the College administers more than six million dollars in assistance.

A student must be identified as a student in good academic standing and meet all federal requirements to receive federal and state funding.

#### Validation of all High School Diplomas

According to federal regulations, high school diplomas must be valid for a student to be eligible for Title IV (federal) funding.

Beginning July 1, 2011, federal regulations require all colleges and universities to evaluate the validity of a student's high school diploma if the institution or the Secretary of the Department of Education has reason to believe that the diploma is not valid or was not obtained from an entity that provides secondary school education (Higher Education Act § 668.16(p)).

### Applying for Financial Aid

#### Procedures

- Apply for admission to Montreat College.
- Create an FSA ID at [fsaid.ed.gov](https://fsaid.ed.gov) to complete their Free Application for Federal Student Aid (FAFSA). If the student is a dependent, a parent must also have an FSA ID.
- Complete the Free Application for Federal Student Aid (FAFSA) online at [fafsa.ed.gov](https://fafsa.ed.gov). The FAFSA may be submitted as early as October 1<sup>st</sup> for the following academic year, using the prior year tax information. Actual tax information is required. Use the IRS Data Retrieval Tool (DRT) if possible.
- Financial aid decisions are made after a student has been accepted for admission. Students are notified with an official award letter via mail and/or email.
- North Carolina residents must confirm their residency status by using the Residency Determination Service at CFNC <https://ncresidency.cfnc.org/residencyInfo/>.
- Students receiving a loan for the first time at Montreat College must complete the appropriate documentation, including the Master Promissory Note and the Entrance Counseling Interview for William D. Ford Federal Direct Loans at [www.studentloans.gov](https://www.studentloans.gov).
- Students eligible for educational benefits through the Veterans Administration or Vocational Rehabilitation should apply directly to these agencies and inform the Montreat Certification Specialist (VA School Certifying Official).
- Students must reapply each year for financial aid by completing the FAFSA.
- All outside scholarships (non-Montreat College) must be reported to the Student Financial Services Office. Montreat College reserves the right to reduce institutional awards and/or federal loans due to outside resources.

## **Types of Financial Aid**

Financial aid is usually awarded in a package or combination of different types of assistance from various sources. Scholarships, grants, loans, and student employment are integral parts of financial assistance and are included in the aid package/award.

### **Scholarships and Grants**

These funds are not repaid. These include the Montreat Merit Scholarships, which are based on academics, the Keystone Award, which is based on both academics and need, and awards based on talent, for example musical or athletic achievement. Scholarships from outside the College include state grants (North Carolina Need Based Scholarship), federal grants (Pell, SEOG), and scholarships from other outside entities.

A full list of scholarship is available on the Financial Aid [webpage](#).

### **Loans**

These funds must be repaid after graduation or a specific period of non-enrollment. They include William D. Ford Federal Direct Loans (subsidized and unsubsidized), Perkins Loans, William D. Ford Federal Parents' Loan for Undergraduate Students (PLUS), and alternative or private educational loans.

### **Student Employment**

This program includes the Federal College Work Study (FWS) and Montreat College Work Study (MWS). The student earns an hourly wage that is paid monthly. Wages can be used to pay any outstanding balance on the student's account.

Students awarded student employment aid may apply online: <https://www.montreat.edu/student-employment>. These positions typically allow for 120 hours of work per semester starting at \$7.50 per hour.

## **Academic Year Definition for Financial Aid**

To be considered full time, an undergraduate student should be enrolled in a minimum of 30 weeks (15 per semester) of instructional time and a minimum of 24 credit hours (12 per semester) attempted.

## **Veterans Education Benefits**

The School Certifying Official (SCO), located in the Office of the Registrar, works with the Veterans Administration (VA) to assist with administering the education benefit programs to veterans or eligible dependents of veterans and servicemembers. The SCO certifies enrollment, based on number of credits, length of courses, and type of courses (residential or distance learning).

Before a student's enrollment can be certified for payment of funds, the student must submit to the SCO the following:

- A copy of the Certificate of Eligibility for the student.
- Signed [Veterans Education Benefits Agreement \(VEBA\)](#) detailing the expectations for students using VA educational benefits. The memo has detailed information concerning status for each type of student.

A student must be admitted and actively enrolled in courses at Montreat College before certification for veterans' benefits begins. Students may be eligible for the full monthly allowances, provided they are enrolled full-time as determined by the VA. Students are responsible for immediate reporting any changes in enrollment or attendance to the SCO.

To apply for VA educational benefits, go to <https://www.va.gov/education/how-to-apply>. To check on the status of benefits, contact the Veterans Administration at 1-888-442-4551.

The SCO can be reached by email at [va@montreat.edu](mailto:va@montreat.edu) or by calling 1-828-307-3732.

Active duty servicemembers start with their Education Services Office (ESO). The ESO works with the servicemember to determine if tuition assistance (TA) is an option or if VA educational benefits is the best route. The SCO works with the servicemember and ESO to report required information for TA.

## Financial Aid Satisfactory Progress (SAP)

The student must be aware of the two means by which degree progress is monitored and their impact on continued enrollment:

### **The Academic Performance Standard** (see p. 45)

Applies to all enrolled students. It is monitored by the Office of the Registrar.

### **Financial Aid Satisfactory Academic Progress** (see below)

Applies only to students receiving state and federal financial aid, including both grants and loans.

[Federal regulations](#) (Sections 668.16, .668.32 and 668.34) require schools to monitor the academic progress of each applicant for federal financial assistance and certify that the applicant is making [satisfactory academic progress](#) toward earning a degree.

The determination of SAP is made at the end of each semester, including the summer term, and before the financial aid office disburses any federal aid funds for the subsequent semester. To be eligible to receive Title IV federal funds, Pell Grants, SEOG, Federal Work Study, Federal Perkins Loans, Federal Direct Loans or state and institutional aid, students must maintain satisfactory progress.

Financial Aid Satisfactory Academic Progress (SAP) has three mandatory criteria:

1. A Qualitative measure: All students must maintain a career 2.0 GPA.
2. A Quantitative measure: All students must earn 67% of all credits attempted.
3. A Pace of Progression measure: All students must complete their program in 150% of the credit requirements. For example, a program which requires 120 credit hours for completion must be completed in 180 attempted credit hours ( $120 \times 1.5 = 180$ ). This is also called the Maximum Time Frame (MTF) criteria.

Automatic Completion: A student pursuing a double major should pay particular attention to this additional SAP regulation. All students who have completed all credit requirements for any of their programs will be considered as having earned a degree for financial aid purposes even if they have not applied for graduation. These students will not qualify for need-based federal grants and state financial aid.

### **Failure to Meet Satisfactory Academic Progress**

**Financial Aid Warning:** Students who fail to make SAP may continue to receive financial aid for one additional semester. No appeal is necessary for this student at this point.

**Financial Aid Suspension:** Students who fail to regain SAP at the end of a semester on Warning are not eligible to receive financial aid. A student on Suspension has the option to appeal to have their eligibility reinstated. If the student's appeal is denied, the student remains on Suspension and can only regain eligibility once they meet all three of the SAP criteria.

**Financial Aid Probation:** Students whose appeals have been approved are placed on Probation. The appeal approval will outline what the student needs to do to keep receiving financial aid. This may range from the student regaining eligibility at the end of the next period of enrollment to the student meeting specific criteria as identified in an Academic Plan.

### **Effect of Incompletes, Withdrawals, Failures, and Repeats**

All incompletes, withdrawals, failures, and repeats are included as attempts when determining SAP for financial aid. Depending on when a student withdraws in the semester, their aid may be recalculated. Students should consult a financial aid counselor before making any adjustments to their schedules as it may impact their awards.

### **Effect of Changing Major/Double Major**

A change of academic major or the pursuit of a double major does not extend eligibility for financial aid. Students are still expected to complete their programs within 180 credit hours. A student may appeal if they fail to make SAP for this reason.

### **Effect of Summer Enrollment/Cooperative Education/Consortium Agreement/Study Abroad**

Credit hours attempted during the May Term and summer sessions will be used to determine SAP.

If a student is enrolled via a consortium agreement/study abroad program, a transcript will be obtained from the host school and the credit hours will be included as attempts along with the credit hours earned.

## **Effect of Credits by Transfer, Examination, Military, and Life Experience**

Transfer credits that have been accepted and count towards the student's program of study will be used as attempts and completes and included in determining SAP.

Academic credits received via examination, military, or life experience are counted as attempts and as earned credit.

## **Effect of a Second Degree**

A student who has already been awarded a bachelor's degree may apply for a second degree only if the second degree is different from the first degree. Ordinarily, a second degree at the undergraduate level is discouraged, and a graduate degree is encouraged. Students who have earned a bachelor's degree are not eligible for need-based federal grants and state aid.

## **Effect of Auditing Courses**

Students do not earn any academic credits for audited courses. They do not count in the calculation of "attempted credit hours."

## **Reinstatement of Aid**

Aid may be reinstated on a probationary status by meeting the requirements for SAP or by an approved appeal. If aid is reinstated, a probationary status will remain in effect. A period of non-enrollment does not reinstate aid eligibility. A student returning after an extended period of non-enrollment must still submit a SAP appeal.

## **SAP Appeals**

Students who wish to appeal the suspension of financial aid eligibility based on mitigating circumstances (i.e., severe illness, death of a close family member, severe injury, or other traumatic experiences) may do so by submitting the SAP appeal form, a letter of appeal, and supporting documentation to the Director of Student Financial Services within **ten days** from the date of notification that aid has been canceled.

All appeals must:

1. Include the completed SAP appeal form.
2. Include the student's statement identifying the mitigating circumstances that led to SAP not being maintained. In the first appeal, since SAP is cumulative, the student must address all unearned coursework which appears on the Montreat College transcript.
3. Provide supporting documentation, such as statement from the doctor, death notice, etc.
4. Include the student's Montreat College identification number, or Social Security number, current address, and communication information.
5. Be legible.

All initial and subsequent appeals, supporting documentation, and corrective plans of action must be received within ten days of notice. The Student Financial Services Advisory and Appeals Committee will not review incomplete or partial appeals. All documentation is retained by the Student Financial Services Office for audit purposes. The Director of Student Financial Services will take the appeal to the Student Financial Services Advisory and Appeals Committee and notify the student of the decision to reinstate or deny aid. If approved, conditions may apply. If the conditions are not satisfied, aid may be denied in a subsequent term. As described in federal regulations, **all decisions at this point are final.**

**The Student Financial Services Office will review no more than two appeals from a student during the course of study.**

## **Return of Title IV Student Aid**

The Federal Higher Education Act requires the College to calculate a Return of Federal Student Aid Funds for students who withdraw from all classes on or before the 60 percent attendance point in the semester. This calculation is based upon the student's last date of documented class attendance as determined during the withdrawal process. Using a pro-rata schedule, the percentage of the semester attended is used to calculate the amount of the student's earned versus unearned Federal student aid funds. The unearned portion of Federal student aid funds will be returned to the appropriate aid program(s).

All State funds will be subject to State requirements to determine award eligibility. All other nonfederal funds are subject to the Montreat College withdrawal calculation. Montreat College has a fair and equitable refund policy, as required under Section 668.22(b)(1) of the federal regulations.

All unearned funds are returned to the proper agencies in the order prescribed by federal and state laws as follows: Unsubsidized Direct Loan; Subsidized Direct Loan, Federal PLUS Loan; Federal Perkins Loan; Federal Pell Grant; Federal Supplemental Educational Opportunity Grant; other state, private, or institutional aid; the student.

**Students must pay any charges remaining on their account after funds are returned to the proper agencies.**

Semester tuition and fees are due after courses have been registered<sup>1</sup> and before the official Check-In date as published on the Academic Calendar. If payment arrangements are not made before the official Check-In date, a **Late Payment Fee** of \$50.00 will be assessed, and **the student may be subject to delays during the check-in process**. If payment arrangements are not made by the end of the first week of the semester, the penalty may be **increased** by \$100.00. If payment arrangements are not fulfilled, **additional late payment fees may be charged**. Initial statements are mailed to registered students for Fall Semester in May and for Spring Semester in November and charges are not refundable after the first week of class in each semester. “Express” status is given to those who have submitted the required paperwork and made payment arrangements by the payment due date for the semester as listed in the Academic Calendar. “Express” status students will not have to visit Student Financial Services during Check-In. **All students are required to attend the official Check-In before the start of each semester**. Students who do not attend Check-In will have their semester course schedules removed. A \$50.00 fee will be charged to those who check in late without securing prior approval from the Check-in Committee.

For the convenience of students and their families, a semester payment plan is offered (payable in monthly installments from May through October during the Fall Semester and from November through April during the Spring semester). A payment plan is an arrangement made directly between the student and Montreat College, so in cases where a payment plan arranged is not enough to cover the total balance due, **the student is responsible to pay the remaining balance directly to Montreat College**. If a payment plan is in default for non-payment, the College will require immediate payment for the balance due. In such cases, payment will be required in full prior to the start of classes and payment plans for subsequent semesters may be denied.

At the time a student formally registers for classes, by direct or indirect means, the student agrees to abide by the College’s official policies concerning add/drop and the complete withdrawal from Montreat College. The full amount of tuition and fees will not be refunded if a student withdraws after the add/drop deadline. Students may view their accounts online using the [Montreat Access Portal \(MAP\)](#). **The student agrees to assume responsibility for understanding the College’s official policy concerning schedule changes and unsatisfactory academic progress which may affect tuition and fees charged and/or financial aid eligibility**. Responsibility to understand how these changes can affect his/her financial situation regarding financial aid eligibility belongs to the student.

If an account must be sent to a collection agency or be litigated due to nonpayment of the outstanding balance, the College reserves the right to demand payment in full for subsequent terms of enrollment, prior to the beginning of each term. The College reserves the right to cancel a student’s registered courses if a balance due from a previous term remains unpaid at the start of a subsequent term.

Student receivable accounts are considered educational loans provided for the sole purpose of financing an education at Montreat College, a non-profit Higher Learning Institution. As such, student receivable accounts are not dischargeable under the provisions of the laws governing either Chapter 7 or Chapter 13 bankruptcy actions.

The College reserves the right to demand payment in the forms of a certified check, money order, cash, or credit cards if one or more checks have been returned unpaid for any reason. Students who have unpaid accounts or other outstanding obligations at the College will not be eligible to reserve classes or return for the next semester. Transcripts and diplomas will not be released until all charges are paid in full. The College reserves the right to recover all costs involved with the collection and/or litigation of delinquent accounts, as well as levy an interest charge equal to one and one half percent (1.5%) per month, on any account with a balance beyond thirty days past due. Student accounts are assessed fines as incurred for overdue library books, damaged property, parking violations, lost IDs, etc.

The payment of all tuition and fees becomes an obligation upon registration at Montreat College. The Federal Truth-in-Lending Act requires complete disclosure of the terms and conditions controlling payment of the student’s obligations. To comply with those federal statutes and regulations, the College discloses billing policies in the Academic Catalog and publishes the Payment and Initial Disclosure Agreement. Each new student is required to sign the Payment and Initial Disclosure Agreement.

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<sup>1</sup> Course registration: First-semester students schedules are entered by registrar staff. Thereafter, students register via MAP.

## Refund/Repayment Policy

Since the College arranges for faculty, staff, services, and supplies based upon enrollment figures at the beginning of each semester, administrative **fees are nonrefundable once classes begin and course fees are nonrefundable once add/drop period ends**. If the student withdraws from the College, then the “General Institutional Withdrawal Policy” below will apply.

A student is enrolled for attendance purposes until the last day of attendance or the end of the semester, whichever is first. To withdraw from all courses during a given semester, the student should follow the formal withdrawal process outlined in this catalog. Official withdrawal forms are available in the Office of the Registrar. **A student is not officially withdrawn until he/she completes this process.**

A refund refers to excess money paid toward college charges that the College must return to financial aid sources and/or the student. A repayment is the amount of cash disbursed to the student that the student must pay back to federal, state, or institutional sources.

When financial aid disbursement has created a credit balance on a student’s account, a refund of the available credit will be issued. The amount of refund requested is subject to review and approval by Student Financial Services.

## Special Interest Courses

All payment arrangements and refund policies for special interest courses are governed by the contract agreement for each individual special interest course. Students should contact the course leader for contract agreement details. In most cases these fees are not refundable.

## School of Adult and Graduate Studies Courses

With approval, students in the School of Arts and Sciences (SAS) may take coursework in the School of Adult and Graduate Studies (AGS). AGS courses will be included in the full-time tuition rate and will incur the School of Arts and Sciences overload fee when applicable. SAS students registered part-time will be charged the School of Arts and Sciences part-time or summer rate when taking AGS courses. Policies for online courses are on page 36.

## General Institutional Withdrawal Policy

If a student withdraws or is administratively withdrawn from the College, the charges of tuition, fees, and room & board will be calculated as follows:

- By or before the end of the first week of class – 0%
- After the end of the first week of class – 100%

Special interest course fees refunds are dependent by the contract agreement.

## Withdrawal Appeals

A student may request an exception to the normal College withdrawal policy by submitting a written appeal to the Student Financial Services Office ([financialservices@montreat.edu](mailto:financialservices@montreat.edu)).

## Credit Balances

Students may receive a distribution of a credit balance from their account during the semester, though not prior to the conclusion of the first two weeks of the semester or the **actual receipt of funds**. A refund check for the credit balance is issued by Student Financial Services Office.

If a student graduates or separates from Montreat College, any credit balance remaining after final adjustments (if any) will be refunded by a check mailed to the student’s address on file. If a student’s current mailing address is different from the address on file, the student must submit a Student Information Change Form in [MAP](#) before the check can be mailed to that address.

If financial aid changes are made or additional charges are added to the account following the issuance of a refund, the student will be responsible for any additional amount due to Montreat College.

# Student Life Information

The Office of Student Life administers the services, support programs, and policies designed to help students get the most from the college experience. As an educational community seeking to be Christ-centered, policies are designed to create an environment of love and concern for others. Rules are established to foster an atmosphere of other-centeredness conducive to study, community-building, and academic achievement. The aim is to enforce college policies with patience and firmness directed toward redemption and restoration. Students fully participate in institutional decision-making and policy development through the Student Government Association (SGA) and its representation on faculty and staff committees along with direct access to the President's Cabinet.

Selected topics about student life at Montreat College are listed here. For complete policies and details regarding student life, residence life, and community standards, consult the Student Handbook:

<https://www.montreat.edu/mymontreat/current-students/>

**Student Life Mission** – To provide a robust social and spiritual environment and experience outside the classroom that fosters spiritual and emotional growth.

**Christian Community** – Worship, service and study combine to build up students as disciples of Jesus Christ.

**Honor System** – A code by which all members of the Montreat College live that promotes integrity, respect, and kindness.

**Conduct Standards** – A set of parameters intended to guide behaviors toward peace, harmony, and righteousness in Christian community.

**Spiritual Formation Credits** – A required cocurricular worship and Bible study program that seeks to growth the student as a disciple of Christ and lead to lifelong habits in the spiritual disciplines of worship, scripture study, and prayer.

**Tobacco-Free Campus** – The Montreat College policy about the prohibition of tobacco use on campus.

**Residence Life** – Information about policies governing living in community in Montreat-owned and controlled properties.

**Student Organizations and Services** – A list of organizations and services available to Montreat College students.

**Intercollegiate Athletics** – Policies and procedures related to participation in intercollegiate athletics.

**Student Health Services** – Policies and procedures related to obtain healthcare and related matters.

**Student Grievance (Non-Academic)** – How a student may seek resolution for issues not related to academics.

For information or questions concerning student life, please contact the Office of Student Life:

**Assistant Dean for Student Life**  
**Montreat College (MC 898), P.O. Box 1267, Montreat, NC 28757**  
828-669-8012 ext. 3631 | [studentlife@montreat.edu](mailto:studentlife@montreat.edu)

## Disability Services

The College will provide reasonable accommodations for known disabilities whether visual, hearing, mobility, medical, learning, or for other qualified applicants and students. Eligible students should follow these steps:

- Identify himself/herself to the Student Success Team, specifically the Disability Services Coordinator, (828) 669-8012 x3546, [www.montreat.edu/disability](http://www.montreat.edu/disability).
- Submit to the Student Success Team current documentation (not older than three years) of his/her disability.
- Be willing to participate in additional evaluation to confirm the disability, if requested.
- Provide clear recommendations for accommodations from a professional care provider.
- Request in writing the specific accommodations needed to enable his/her academic access.

The Student Success Team, in conjunction with other appropriate personnel, will assess a student's documentation and determine the reasonableness of the requested accommodations. The Student Success Team serves as a liaison between students and faculty/staff, working individually with students to develop and implement a plan for academic accessibility. As part of such a plan, the Student Success Team may direct students to the Counseling Center, Health Services, Thrive Center for Learning, Calling, and Career, Writing Center, and/or academic department tutoring. The Student Success Team will communicate with the appropriate faculty and staff regarding the specified accommodations and will work with the student and his/her instructors to ensure that the plans for academic support and success are implemented.

## Academic Information and Policies

Information contained in this section of the catalog is provided to help students understand Montreat College's School of Arts and Sciences academic policies and procedures. Students should address all questions regarding these academic policies to:

**Office of Academic Affairs**  
**Montreat College (MC 850), P.O. Box 1267, Montreat, North Carolina 28757**  
**828-669-8012 ext. 3212**

Exceptions to academic policies require submission of the Petition for Exception, Waiver or Substitution (PEWS) form which can be requested from the Office of the Registrar at [registrar@montreat.edu](mailto:registrar@montreat.edu).

It is the student's responsibility to be aware of and abide by all policies and procedures contained herein including due dates/deadlines. Failure to do so can negatively impact enrollment, academic standing, and degree completion/graduation.

### Course Availability and Delivery

**Delivery of Courses** – The School of Arts and Sciences delivers course content through traditional classroom or seated instruction. A small number of courses are delivered online when necessary (see Online Courses, page 36). Instruction is not delivered virtually (where a student views the instructor presenting in the classroom via online streaming or other means).

Students experiencing health or other issues and thus unable to attend classroom instruction are limited to those online courses offered with space available and needed by the student to advance toward degree completion<sup>1</sup>. See Short Term Leave of Absence on page 32 for additional information. Virtual instruction is not available in these cases.

**Availability of Courses** – Semester course offerings are determined by projected needs of students. It is the student's responsibility to determine the sequencing of courses (based on course descriptions and advising) and register appropriately. Sequencing and pre-requisite courses play significant roles in the availability of courses.

### Program of Study, Advising, and Registration

Montreat College requires the degree-seeking student to choose a program of study<sup>2</sup> (a degree and major, at a minimum) and complete prescribed courses. Four-year plans are available to guide course selection semester by semester to methodically advance the student along the path to degree completion. The sequence of course offerings in the four-year plans will meet the prerequisite requirements of higher-level courses.

The first-year student should plan to enroll in General Education and prerequisite courses before transitioning to required courses in subsequent years. Some General Education courses have minimum grade requirements and must be retaken until that grade is earned.

**Academic Program Authority** - The student is subject to the academic and course requirements for the chosen program of study as published in the catalog effective at the time of initial enrollment (or re-enrollment) as a degree-seeking student. A student may change to a later catalog year by notifying the Office of the Registrar via email after consulting with the academic advisor. All requirements for each program of study component (major, concentration, minor, etc.) must be from a single edition of the catalog.

This authority is limited to programs of study and does not extend to general academic policies and information that may change between catalog editions. The current catalog is the authority for Montreat policies and procedures not affecting academic program requirements from previous editions.

**Course Schedule:** Students are advised and will register for courses as follows:

**First-Time Students (freshmen and transfers):** After the student pays the enrollment deposit, a schedule is prepared, entered, and sent based on an evaluation of documentation provided, e.g., transcripts, AP scores. Changes to the schedule can be made during the Drop/Add period.

**Continuing Students:** During the designated advising and registration period each fall and spring semester, the student will confer with his or her advisor regarding course selection and complete registration for the following semester. Students can

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<sup>1</sup> Filling the schedule with online courses to attain or maintain full-time status is not permitted. See Online Course policy on page 40.

<sup>2</sup> Some majors require selection of a concentration and completion of specific General Education courses.

register for classes online via the student portal, MAP, during the registration period (see Academic Calendar). A student may register when he/she has no outstanding obligations to the College.

**Official Course Enrollment:** The student should only attend, participate in, and submit work for courses that appear on his or her semester course schedule. Academic credit will be awarded only for courses in which a student is officially enrolled.

**Eligibility by course ID level:** Courses numbered 1000 and 2000 are open to all students; 3000-level are open to sophomores, juniors, and seniors; 4000-level are open to juniors and seniors.

**Change of schedule:** It is the student's responsibility to officially process all course changes through the Office of the Registrar before the deadlines listed on the Academic Calendar. Appropriate signatures must accompany the schedule change form.

**Adding a course<sup>2</sup>:** Students may add courses through the Drop/Add period indicated on the academic calendar.

**Dropping a course<sup>1</sup>:** Students who wish to *drop* a course, without a notation on their permanent record, may do so during the first five instructional days of the *course*.

**Withdrawing from a course<sup>1</sup>:** Students may withdraw from a course through the semester's published Course Withdrawal Deadline<sup>2</sup>. A grade of W will appear on the transcript that does not impact GPA.

Withdrawing from courses may negatively affect progress toward degree completion and delay graduation by requiring enrollment in additional terms to complete degree requirements. The student assumes full responsibility for all consequences associated with course withdrawals.

Student athletes and others on performance-based scholarships should check with the coach or sponsor before withdrawing from a course to ensure continued eligibility to participate in the sport/activity.

F-1 VISA students must always remain enrolled full-time. Contact the Certification Specialist before dropping/withdrawing from a course.

Veterans benefit recipients must always remain enrolled full-time. Contact the Certification Specialist before dropping/withdrawing from a course.

Course withdrawals can also affect financial aid eligibility. See Effect of Incompletes, Withdrawals, Failures, and Repeats on Page 26 for additional information.

### **Course Enrollment, Registration, Participation and Credit**

If a student attends a course or section of a course for which he/she is not officially registered, credit will not be given for the work. If a student does not attend a course or section of a course for which he/she is officially registered and does not officially drop (in MAP during the Drop/Add period) or withdrawal through the Office of the Registrar (prior to the semester course withdrawal deadline), a grade of WA (administrative Withdrawal) will be issued.

**Medical/Military Withdrawals:** Withdrawals from the term due to extenuating circumstances, limited to extreme medical conditions, military duty, or immediate family death/major illness, must submit a letter and supporting documentation to the Vice President of Academic Affairs for approval. Approved withdrawals of this type will result in a grade of W (Withdrawal) will assigned to all courses in the term.

**Short-Term Leave of Academic Absence for Health Emergency or Life Event (STLOA):** A Montreat College student may request a Short-Term Leave of Absence (STLOA) when they, or an immediate family member, experience a significant health emergency or life event that requires an absence of more than two class days in a row but not more than two full weeks of class. The STLOA authorizes absence from official class sessions for the time the student is gone from campus. Details on the policy, procedures, and form can be requested from the Office of the Registrar.

**Repeating Courses:** A student may repeat a course in which a grade of C- or lower was earned by: (a) re-taking the same course at Montreat College or (b) re-taking the course at an appropriately accredited institution. **It is the student's responsibility to seek transfer verification from the Office of the Registrar of courses to be repeated at another institution.** Students seeking approval should complete the Authorization for Course Transfer and indicate the courses to be repeated. Courses that are repeated at Montreat College for a higher grade will have the better of the two grades included in the academic GPA calculation. Courses that are authorized for repeat at another institution must be successfully completed

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<sup>1</sup> International students and those receiving VA education benefits must report schedule changes to the Certification Specialist in the Office of the Registrar to ensure proper enrollment status is maintained and the appropriate agencies are notified, if necessary.

<sup>2</sup> For bi-term (8-week) courses, the deadline to drop is the Friday before the last week of the course.

with a grade of C or better. The transferred course will apply as credit only and will not replace the previous grade in GPA calculations. *Financial aid may not be awarded for courses that are repeated.*

**Auditing courses:** A student who wishes to take a course for no credit (audit) may do so by receiving approval from the instructor of the course. A specific registration form must be signed by the instructor and student and returned to the Office of the Registrar for processing. Instructors may set their own requirements for course participants.

**Visiting Student Status (Taking Courses at Other Schools):** A Montreat student who wishes to enroll in courses offered by another institution must validate the courses for transferability through the Office of the Registrar by submitting an Authorization for Course Transfer. This assures courses taken elsewhere will achieve the intended result in the student's degree program. Failure to follow this procedure may result in loss of transfer credit for these courses. Financial aid awarded through Montreat cannot be used to pay for courses taken at another institution.

**Course Reuse (formerly Double-counting courses):** Some courses may satisfy more than one requirement in a student's academic program, e.g., an English course may satisfy a minor course requirement and a general education course requirement. NOTE: A course's credit hours are earned and counted only once, regardless of reuse. Students may reuse a course between: (1) a major and a minor; (2) a minor and general education requirements; (3) a major and/or minor and the 12 specified BA/BS credits; (4) two separate majors. Major and general education course reuse is limited to specific instances in the major and are indicated in major's course listing in this catalog.

**Minimum and Maximum Loads:** A typical academic load is 16 credit hours per semester<sup>1</sup>. All residential students are required to enroll in a minimum of 12 semester credit hours each term to be considered a full-time student. Students may enroll in up to 18 semester hours. Students who have a GPA of 3.0 or higher are approved to take one additional course over the 18-credit hour limit (tuition overload fees will be charged). Any other requests to overload must be approved by the Registrar.

Note: To complete 120 credit hours in four academic years, students must complete an average of 15 credits each fall and spring semester. Successfully completed summer courses and transfer courses will reduce the average assuming no unsuccessfully completed or dropped/withdrawn courses.

**Financial Impact of Withdrawals and Adds:** The semester total of registered hours at the end of the drop/add period are set. Any courses added to the schedule thereafter increase the total regardless of withdrawn courses. If additional courses raise the semester total over 18 hours, tuition overload fees will be charged.

**Final Exams:** A student absent without excuse from a final examination may receive a failing grade in the course. Excuses from final exams are extremely rare and are granted at the discretion of the Office of Academic Affairs and only in the case of serious personal illness or illness/death in the immediate family. **Exams will not be given early to meet the travel plans of students. Students are to arrange all transportation well in advance to avoid conflict with the exam schedule.**

## Declaring a Program of Study: Major/Minor/Concentration

Upon entry into Montreat College, new students are encouraged to declare a major of interest. Students wishing to declare a minor may do so at any time by completing the online Update Your Academic Program form via the Office of the Registrar webpage. Note that some majors require the selection of a concentration and some majors allow for a choice between a Bachelor of Arts and Bachelor of Science degree.

Declaring a major is critical to making progress toward degree completion in a timely manner. A student may begin study at Montreat without declaring a major however one should be declared by:

- First-Time Freshmen before the end of the second full-time semester.
- Transfer Student before the end of the first full-time semester.

**Changing Programs of Study/Majors -** Students deciding to change their major and/or minor must complete the online Update Your Academic Program form via the Office of the Registrar webpage

Late-in-career changes to the program of study (major, minor, etc.) will likely require additional time to complete the degree. The student is strongly encouraged to review potential program changes with the academic advisor.

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<sup>1</sup> A student must average a 15-credit hour course load per semester to graduate in four years without completing any summer courses.

## Dual Major

Students may work toward a dual major. Through a comprehensive, concentrated, and diverse education, students with a dual major demonstrate breadth, depth, flexibility, and persistence to potential employers. To complete a dual major, a student must fulfill the general education core requirements and the designated requirements of both majors. When two majors have common course requirements, students may count the required courses towards both majors. Students with dual majors should expect to take overloads, summer classes, and/or attend extra semesters to fulfill the requirements for both majors.

## Second Bachelor's Degree

A student seeking a second bachelor's degree at Montreat College after earning an initial bachelor's degree (at Montreat or elsewhere), may do so. They will follow admissions and graduation requirements according to transfer student policies. Financial aid for any degree after the first bachelor's degree is limited to the federal student loan program. The student pursuing the second degree at Montreat must, during the application process, demonstrate to Student Financial Services the ability to pay for the second degree.

The second bachelor's degree program requires successful completion of a minimum of 36 credit hours above the hours required for the awarding of the first bachelor's degree. Course reuse is allowed to meet requirements for the second degree if a course was not reused in the first degree. The following caveat applies: If course work distinctive to a second degree is less than the 36-credit hour minimum, then the balance should be completed in electives related to and complementary to the major of the second degree. If the course work that is distinctive to the second degree is greater than 36 credit hours, then the student must complete the full amount of that work regardless of any other minimums.

## Definition of the Credit Hour

Academic credit is a measure for engaged learning time expected of a typical student enrolled not only in traditional classroom settings but also laboratories, studies, internships and other experiential learning, and distance education. Montreat College defines one academic credit hour using the "Federal Definition of the Credit Hour: A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates:

1. Not less than one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work each week for approximately fifteen weeks for one semester hour credit, or the equivalent amount of work over a different amount of time. Normally, one credit hour associated with a class meeting for 50 minutes per week for an entire semester (or the equivalent 750 semester-minutes, excluding final exams), or
2. At least an equivalent amount of work as required outlined in item 1 above for other academic activities as established by the institution including laboratory work, internships, practical, studio work, and other academic work leading to the award of credit hours (that each in-class hour of college work should require two hours of preparation or other outside work)." or
3. Distance Education or Hybrid Courses: Academic technology may be used to replace face-to-face class meetings in full (Distance Education) or in part (Hybrid). A Distance Education Class is a course offering in which interaction and instruction between faculty and student occurs primarily asynchronously via academic technology, but it may also include synchronous activities through interactive video technologies. Hybrid courses are those courses offered replacing a portion (less than half) of the traditional face-to-face class instruction with technology as the instructional modality. The remaining communication is face-to-face, like traditional classes. Credit hours for distance education and hybrid courses are based on equivalent student learning outcomes as courses offered face-to-face. The mode of instruction is normally shown in the college course schedule.

## Academic Advising

Upon enrollment, students will be assigned a faculty advisor to assist them in clarifying their education and career objectives, selecting courses, utilizing resources, and meeting requirements for graduation. First-time freshmen and transfers will be advised by a faculty member in their declared major.

The student and the faculty advisor work together in arranging a program of study leading to completion of degree requirements. Both student and faculty advisor will have online access to the degree audit in MAP. This allows for close monitoring of the student's progress in meeting course and program requirements. **It is always the student's responsibility to know and fulfill all degree requirements, both academic and administrative.**

## Course by Arrangement (CbA)

On occasion, students may need a course that is required in their program but is not offered in a given semester or year (for example, a course may not be offered in the semester or year when it is essential for graduation). While students are expected to plan their programs carefully, there may be times when a required course will need to be taken outside of the normal classroom setting. A course by arrangement is taken with the consent, regular guidance, and periodic evaluation of the instructor. Enrollment in a course by arrangement requires the approval of the instructor, department chair, and the Office of Academic Affairs. CBA registration forms are available in the Office of the Registrar and through the Montreat College website. Deadlines apply; see the academic calendar.

## Directed Study and Research

Some academic programs at Montreat College offer qualified students the opportunity to do individualized research and study. A directed study is a customized program of study in a student's major or minor in which the student pursues intensive work in an approved subject. Designed in collaboration with a faculty member, the directed study is intended either to be an extension of a previous course or the study of a topic not included in the curriculum. The course is taken with the regular guidance and direction of the faculty member, who will maintain at least 5 contact hours per 1 credit hour with the student during the semester. It may include such options as research, project development, readings, or performance. Prerequisites include junior standing or above, a grade point average of at least 2.5, approval by the faculty supervisor, department chair, and Vice President for Academic Affairs at least three weeks before the start of the semester in which the course will be taken, and completion of all prerequisites stated in each department's directed study course description. Directed Study registration forms are available in the Office of the Registrar and through the Montreat College website.

## Internships and Practicums

The Montreat College promise to educate the student through preparation for calling and career is greatly strengthened by the two types of extended opportunities for practical experience in their field of study: internships and practicums.

Each is offered as an academic course that allows the student to explore the relationship between theory and practice to further their spiritual, academic, social, and professional development.

### Goals of the Practicum/Internship Program

- To provide an opportunity for students to integrate theory with practical experience.
- To assist students in developing a clearer understanding of their chosen occupation.
- To allow students to test their understanding and theories in a real-life setting.
- To challenge students to develop a biblical as well as an experiential understanding of the role of work, vocation, and calling as sources of meaning in life.
- To broaden a student's horizons.

### Definition of a Practicum

A course where the student is in a supervised experiential learning opportunity, generally in an off-campus setting, that provides students with initial exposure to relevant professional activities. Practicum courses can be taken in repeatable 1-3 credit hour experiences to satisfy degree requirements. Forty-five (45) hours of on-site involvement is required during the approved practicum period. Practicums will receive letter grades. Prerequisites: INDS 3610, consent of the student's academic advisor and department chair.

### Definition of Internship

A course where the student is engaged in intensive, quality, structured learning opportunities, generally in off-campus settings that immerse students in appropriate professional contexts. Internships require extensive involvement by the students. Supervision is a shared responsibility between the academic department and the on-site supervisor. Internships can be taken in repeatable 1-3 credit hour experiences to satisfy the 3 credit hour degree requirements. Forty-five (45) hours of on-site involvement is required during the approved practicum period. Internships will receive letter grades. Prerequisites: INDS 3610, Pre-Internship course, junior standing, and approval of the student's academic advisor and department chair.

## General Information

- The student should verify the credit hours needed for the internship or practicum before completing the Learning Contract. See academic catalog and four-year plan.
- Before (a) the student can register for an internship or practicum course and receive academic credit and (b) before actual service/work in a practicum or internship begins:
  - INDS 3610 Pre-Internship/Pre-Practicum course must be successfully completed (grade of C or higher). If INDS 3610 is failed, then the student will not be enrolled in the internship/practicum course for credit<sup>1</sup>.
  - The Learning Contract must be submitted by the student and receive final approval from the Thrive Center.
- A student should not commit to or start serving/working on an internship or practicum without authorization from the faculty supervisor. Montreat College is not obligated to honor internships or practicums initiated by the student without clear and specific approval from the Thrive Center.

## Summer Internships and Practicums

Students who choose to take part in an internship program offered through Montreat College during the summer break must submit the Learning Contract by 1 July.

Additional deadlines for summer Internships/Practicums:

- Last Day of Summer Term – Final submissions from student and on-site supervisor due to faculty supervisor by this date.
- Final Summer Grade Due Date – Grades for summer internships due.

## **Online Courses**

The School of Arts and Sciences (SAS) of Montreat College is designed to be a traditional residential academic program. This means that instruction is delivered largely through physical, seated courses where students and instructors assemble in a designated location (classroom) at designated times for lectures or labs.

Online courses are offered on a limited basis to supplement the traditional curriculum. Some majors/programs include online courses as a matter of design or a matter of necessity. Additionally, some SAS courses have corresponding online courses offered through Montreat College's School of Adult and Graduate Studies. An SAS student may choose to enroll in a limited number of such courses as explained below.

### **Design/Need Online Courses**

The student will be directed to these courses by the academic advisor. No special action is required.

### **Student Choice Online Courses**

Eligibility - A student is eligible to register for online course when the following conditions are met at the time of registration:

- Not a first semester full-time Montreat SAS student (freshmen)
- Not on academic probation
- Not under academic term warning
- Not conditionally admitted (Applies to first semester only. If in good standing after the first semester, this condition no longer applies.)
- Prior to enrolling in the first Montreat online course, review the Online Course Primer and complete the Online Course Orientation at least 13 days prior to the course state.

Limitations – An eligible student may choose to enroll in a maximum of two online courses per semester or summer as allowed and excepted below.

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<sup>1</sup> Applies to INDS 3611 Pre-Internship: Cybersecurity also.

- If major/program designs or necessitates two or more online courses in a term, the student may not choose to enroll in additional online courses.
- Enrollment in any online course is subject to availability.
- Enrollment in online courses may be denied if the student has demonstrated poor performance in previous online courses.
- Enrollment by F-1 VISA students is limited to one online course per semester<sup>1</sup>.
- No more than 25% of courses taken at Montreat toward an SAS degree may be online courses, excluding summer Montreat online courses. Applies to all first-time Montreat students beginning 2022-23 fall semester.

**Registration** – An eligible student may request enrollment in online courses via the online form no less than 12 days prior to course start date. The request is vetted by the School of Adult and Graduate Studies for availability then forwarded to the Office of the Registrar to determine the student’s eligibility. The student will be notified of registration or denial.

**Policies and Procedures for Students in Online Courses**

- Registration for online courses must be complete no less than seven days prior to the first day of the course. All applicable eligibility requirements (above) must be completed prior to registration.
- The student is subject to the online courses policies and procedures of the school (AGS or SAS) through which the course is offered and those in the course syllabi.

**Notes**

- AGS online course dates for add/drop and withdrawal are governed by the AGS academic calendar.
- Not all AGS online courses are acceptable substitutions for SAS seated courses despite similar Course Numbers or titles.
- Due to different academic calendars, the SAS student must plan carefully when considering an AGS online course.

## **Academic Support Services**

### **Academic Assistance for Students with Disabilities**

Students with special learning needs are urged to contact the Disability Services Coordinator as soon as they arrive on campus. Academic support services personnel can assist these students in identifying any needed accommodations, in acquiring a tutor, or in gaining smooth access to other support services. Under the Americans with Disabilities Act (ADA), the student must take the initiative to request any special accommodations and must do so in writing. The Disability Services Coordinator is available to talk with students and parents about reasonable accommodations as well as resources available at the College for students with special learning needs. Academic support services remain a resource for these students throughout their time at Montreat College.

### **Writing Center**

Students are encouraged to take advantage of the resources provided by the Writing Center, located on the first floor of Bell Library and also available on the Web (<https://www.montreat.edu/mymontreat/library/writing-center/>). Student writing consultants are trained to assist students in developing strategies for specific college papers and in shaping strong written arguments. They also aid students in mastering grammar and punctuation, understanding research techniques, and in tackling related writing tasks. Writing consultants are available throughout the academic year; electronic and phone consultations are also available (see the website for more information).

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<sup>1</sup> An F-1 international student enrolled on 9 March 2022 may enroll in more than one online course per semester for 2022-23 per SEVP regulations. Contact the Certification Specialist for details.

## **Camaraderie of Writers**

Course descriptions with the Camaraderie of Writers logo are part of the Camaraderie of Writers Program, which uses classroom-based peer tutors to help students improve drafting, writing, and reasoning skills. Writing Center-based scholars are also part of the Camaraderie and are available to assist students in all Montreat College courses.

### **L. Nelson Bell Library**

The library is an integral part of the College's academic program. The librarians, collection, resources and services support the educational program and research needs of the faculty and students at all campuses. The library serves faculty and students in the School of Arts and Sciences and the School of Adult and Graduate Studies.

Services include access to numerous databases and e-book collections, research assistance, library instruction, and interlibrary loan. Librarians work closely with faculty to offer multimodal instruction to individual classes. Librarians are available for research consultations, to assist students in locating information from a wide variety of formats for research purposes and in the use of electronic resources. Faculty and students can access the library's databases from any location and search an extensive range of scholarly journals. The Appalachian College Association Bowen Central Library and NC LIVE provide Montreat College with access to thousands of eBooks, streaming videos, and online resources to support all degree programs.

The building is equipped with wireless internet access and study and research areas, as well as an active learning classroom equipped with technological learning tools. The library facility also houses the Carolina Cyber Center, Writing Center, Thrive Center, Health Center, college archives, art gallery, and a classroom.

Special collections include the memorabilia of Dr. L. Nelson Bell, the Crosby Adams Music Collection, Montreat College historical materials, and Terry Estate papers.

Students can email the library's 24/7 reference support by emailing [reference@montreat.edu](mailto:reference@montreat.edu).

### **Thrive Center for Learning, Calling, & Career**

The Thrive Center for Learning, Calling, and Career exists to educate students for academic success and to lead purposeful lives. Our goal is to help students become proactive learners who understand the skill they have and how to build on them. We also aim to help students develop a clear sense of identity, participate in a wide variety of experiences to discover and affirm a sense of purpose, and be prepared to enter the job search processes. Services include academic support programming and resources, profession career development and exploration, the Interdisciplinary Studies major and minor (page 149), and study abroad (page 149).

### **Academic Support and Tutoring**

The Thrive Center provides professional academic support services to assist students of all scholastic levels in reaching their academic goals. Services include individual academic coaching and academic skills workshops on topics such as learning styles, reading comprehension, time management, notetaking, and test-taking strategies. Additionally, the Thrive Center trains student Academic Fellows to provide peer tutoring which is scheduled and arranged with the help of our professional staff.

### **Calling and Career Services**

The Thrive Center provides vocational and career services including resume and cover letter development, interview preparation, job and graduate school search planning, major exploration, assessments, and career counseling. All students are encouraged to engage in the process of discovering how God has gifted them and to use their gifts in God-honoring ways.

# Montreat College Honors Program

## Mission

The mission of the Montreat College Honors Program is to be a community of students and faculty who support and challenge one another's intellectual and spiritual growth. Our curriculum is oriented towards a Christian vision of flourishing, for both humanity and creation. As humans created in the image of God, we are called to love God and neighbor. We dedicate ourselves to the flourishing of others because Christ first loved us. We live into this anthropology through the development of our creative, and especially our intellectual, capacities.

Together we explore texts and topics from the Christian, Western, and World traditions from the perspective of multiple disciplines across the arts and sciences asking the big questions of human existence such as what is the nature of the universe, what is truth, how do we know, what is humanity, and what is beauty? We study these texts and topics in relation to the Christian scriptures, creeds, and narrative. We practice a mature posture of humility, empathy, and charity towards one another, towards the authors whose works we study, and towards our larger Montreat community.

## Format

The Montreat College Honors Program offers two tracks, the **Honors Scholars** and the **Honors Fellows**. The Scholars curriculum is for students entering the Honors Program during their freshman year and consists of 22 required hours. This curriculum is the more intensive of the two tracks and is the best option for students who desire their entire four-year experience at Montreat to be within the vibrant community of the Honors Program. The Fellows curriculum is designed for motivated students who either transfer into Montreat as sophomores or juniors or for those students who matriculated at Montreat as freshmen and following that year desire to take on the challenge of the Honors Program. The Fellows curriculum is 18 hours. Both tracks supplement Montreat College's general education core.

## Method

The Montreat College Honors curriculum has five main components: engagement with texts and topics, formal and informal discussion, mentoring, writing, and co-curricular opportunities.

### Texts and Topics

Students and faculty read a rotating set of works of world literature and engage with topics of perennial concern in all honors courses. These classroom discussions are grounded in the big existential questions of life including, what is Truth, how do we know, what is the nature of the universe, what is Beauty and what is Goodness? The curriculum of the Honors Program is also based in a Christian understanding of reality which is brought into the classroom through discussion of the Christian scriptures, creeds and the theological narrative.

### Formal and Informal Discussion

Classes consist of faculty-led discussions of texts and topics. This conversational pedagogy is designed to develop students' confidence in their critical thinking, writing and oral expression. Additionally, the content of the courses as well as the manner of conversation are designed to encourage the community to grow in humility, charity and empathy.

### Mentoring

Every student is mentored by the Program Director or an assigned faculty member involved in the Honors Program. This relationship encourages students to think more deeply about their courses, to process their questions and concerns, and to have a faculty member encourage them as they think through vocational possibilities.

### Writing

Montreat College's campus-wide emphasis on writing across the curriculum is enhanced in the Honors Program by a series of assignments designed to help students be reflective and articulate. These skills serve students well beyond their years at Montreat College.

### Co-Curricular and Extracurricular Opportunities

All Honors Program students also participate in co-curricular activities, such as being given exclusive access to college speakers in a conversational setting. This allows the community to explore ideas more deeply than in a general audience venue. Students also build community through social events and service projects.

## Honors Scholars Program (22 credits required)

### First Year:

First Year Experience  
English  
English

### Applicable Courses:

INDS 1102 Honors Track (2)  
ENGL 1131 Honors Track 3  
ENGL 1132 Honors Track 3

### Notes:

Foundations of Faith and Learning  
Replaces ENGL 1111 Requirement  
Replaces ENGL 1112 Requirement

### Second Year:

History  
History

### Applicable Courses:

HIST 2301 Honors Track 3  
HIST 2302 Honors Track 3

### Notes:

Replaces HIST 1301 Requirement  
Replaces HIST 1302 Requirement

### Second, Third and Fourth Year:

Honors Elective  
Honors Elective

### Applicable Courses:

### Notes:

Humanities credit  
Humanities credit\*

### Fourth Year:

Senior Year Experience

### Notes:

Seminar on Faith and Life

## Honors Fellows Program (18 credits required)

### First Year:

Honors Liberal Arts Seminar

### Applicable Courses:

HONS 1110 Honors Track (1)

### Notes:

Gateway Honors Course

### Second, Third and Fourth Year:

Fellows must take a *minimum* of 15 credit hours of the following courses:

English  
English  
History  
History  
Honors Elective  
Honors Elective

### Applicable Courses:

ENGL 1131 Honors Track 3  
ENGL 1132 Honors Track 3  
HIST 2301 Honors Track 3  
HIST 2302 Honors Track 3  
HONS 3110 Honors Text Seminar 3  
HONS 4120 Honors Topics Seminar 3

### Notes:

Replaces ENGL 1111 Requirement  
Replaces ENGL 1112 Requirement  
Replaces HIST 1301 Requirement  
Replaces HIST 1302 Requirement  
Humanities credit  
Humanities credit\*

### Fourth Year:

Senior Year Experience

### Applicable Courses:

INDS 4161 Honors Track (2)

### Notes:

Seminar on Faith and Life

\*Social Science or Natural Science Gen Ed credit may be given for approved individual courses with the approval of the appropriate department chair(s) and the Honors Director.

HONS 3110 and HONS 4120 must each be taken at least once, with the exception of 3000-level IS courses or above that may be offered as substitute courses for HONS 4120 with the coordination and approval of the IS Department Chair and the Honors Director.

## Montreat Honors Program Eligibility

- Students must maintain an overall minimum GPA of 3.0 to remain in the Honors Program. (Students earning an overall GPA lower than 3.0 for a particular semester may appeal to the Honors Director to remain in the Honors Program for a probationary semester, after which point the student's status in the Honors Program will be determined by the Program Director.)
- A grade of C+ or below in any Honors Program courses will result in a probationary period of one semester, after which status in the Honors Program will be determined by the Program Director.
- Failing a course in the Honors Program will result in removal from the Honors Program.
- Academic dishonesty will result in automatic dismissal from the Honors Program.

## Classification of Students

At the beginning of each semester, all students are officially classified by the Office of the Registrar. Class standing is based on the following:

Student Classification Formula	
Classification	Semester Credit Hours
Freshman	0-29.99 credit hours
Sophomore	30-59.99 credit hours
Junior	60-89.99 credit hours
Senior	90 or more credit hours

New students at Montreat College are identified as:

- **First-time freshman:** A new student who has no college credits prior to the immediately previous summer sessions, or who has only college credits taken while still a high school student.
- **Transfer:** A student who, after high school graduation and prior to the immediately previous summer session, has been enrolled in another post-secondary institution before enrolling at Montreat College.
- **Readmit:** A student readmitted to the same program level of instruction after an absence of 5 years or less. (If the absence has been more than 5 years, the student is classified as a new student and must go through either the “Admission of First-Year Students” or “Transfer Admission” process.)

Students are classified academically as follows:

- **Full-time:** A credential-seeking student enrolled in 12 or more semester credit hours.
- **Part-time:** A credential-student enrolled in 1-11 semester credit hours.
- **Special:** A student who is not a candidate for a degree and who cannot be classified by academic level, although taking courses in regular classes with other students.
- **Audit:** A student taking course work for no credit.

## Grading System

Students in the School of Arts and Sciences at Montreat College enroll in courses that are taught on a semester schedule. The semester includes 15 weeks of instruction followed by a week of final exams. The academic proficiency of a student is indicated by the following letter system used to indicate the final course grade:

Grade and Quality Point Value	
Grade	Quality Points (awarded per credit hour)
A	4.00
A-	3.66
B+	3.33
B	3.00
B-	2.66
C+	2.33
C	2.00
C-	1.66
D+	1.33
D	1.00
D-	0.66
F	0.00
I	Incomplete. Some course requirements are remain unmet.

<b>P</b>	<i>Pass</i> , equivalent to a minimum letter grade of C, indicates that the credit hours for the course are included in the total credit hours needed for graduation but have no impact on the grade point average.
<b>W</b>	Indicates withdrawal from a course after Drop/Add and before the Course Withdrawal Deadline. No GPA impact.
<b>WA</b>	Indicates withdrawal from a course after Drop/Add and before the Course Withdrawal Deadline by faculty or administration for violation of academic policy. Impacts GPA as F.
<b>S</b>	Indicates satisfactory work (used for work that continues over more than one semester), where no credit or competency has been earned. Does not affect GPA or quality points.
<b>NS</b>	Indicates an unsuccessfully attempted course, where no credit has been earned. Does not affect GPA or quality points.
<b>AU</b>	Indicates a course which has been audited and no credit earned.

### **“C” Minimum Grade**

When a course requires a C or higher, a C- is not sufficient.

A student is allowed

### **Incomplete Grades**

If a student is presented with uncontrollable circumstances, e.g., serious illness, prohibiting completion of course requirements, an incomplete grade may be requested. When the instructor approves and issues the incomplete grade, a contracted grade is indicated that will be used if the student does not complete and submit coursework by the deadline.

An incomplete course must be completed within six weeks after the course ends.

Incomplete courses are indicated on the transcript by the letter “I.”

Requesting an incomplete grade is initiated by submission of the Incomplete Grade Contract by the student and instructor to the Office of the Registrar. The contract is available online. The submission deadline is the last day of instruction for the full semester or 8-week bi-term in which the course is offered.

### **Grade Point Average (GPA)**

The grade point average each semester is computed by dividing the total number of quality points earned by the total number of credit hours attempted. Courses with a notation of S or NS will not count as credit hours attempted in computing grade point average; a grade of F or WA will count as credit hours attempted. Quality points are not assigned for grades of P, F, W, S, NS, AU, or I. The term and career grade point averages are computed in all courses taken for which quality points are assigned.

### **Midterm Grades**

The College requires instructors to report only deficient grades (D+ or below) at the midpoint of the semester. A course without a midterm grade is understood to have a current grade of C- or higher. Grades can be viewed online via MAP. Midterm grades are not recorded on the official transcript.

# Transcripts and Academic Records

## Academic Records

A student's academic record is comprised of (a) all artifacts generated by or for the student in support of academic policies and procedures and (b) the data entry resulting from said artifacts or academic information submitted electronically on behalf of the student. These records are maintained electronically during a student's period of enrollment and for a time thereafter. Data is maintained, retained, or discarded according to federal, accrediting agency, and institutional regulations. Discarded data is destroyed in an industry-approved manner to protect the student's privacy. Academic records are maintained by the Office of the Registrar.

## Transcripts

The transcript is the official record of the student's performance in academic coursework. All courses attempted<sup>1</sup>, grades awarded, degrees conferred, and the major program of study, along with identifying personal data, appear on the transcript. Montreat College partners with the National Student Clearinghouse to process official transcript orders online. Transcripts are not provided on a "walk-in" basis. Students may contact the Clearinghouse at <http://www.mystudentcenter.org> to order transcripts. Transcripts will not be released in any form if the student is financially indebted to the College. Students who are in good financial standing may view and print their unofficial transcript and grades by logging into MAP. The College does not issue unofficial transcripts.

## Course Grades

Final course grades are submitted by instructors after each semester or session and are managed by the Office of the Registrar.

## Enrollment Verification

Currently enrolled students may obtain written verification of enrollment upon request. Montreat College partners with the National Student Clearinghouse, which acts as an agent for all verifications of student enrollment. Students may access the Clearinghouse online at <http://www.mystudentcenter.org> to obtain an official enrollment verification certificate. Enrollment verifications will not be released if the student is financially indebted to the College.

## Degree Verification

Employers or background screening agencies may require proof that a student has earned a degree but may not require an official transcript. Degree verifications can be obtained through the Clearinghouse online at <http://www.mystudentcenter.org>. Degree Verifications will not be released if the student is financially indebted to the College.

## Grade Changes for Faculty

All final course grades are official upon entry by the instructor into THE MAP STUDENT PORTAL<sup>2</sup>. ("Incomplete" is not considered a final course grade.)

Instructor-initiated grade changes will notify the Office of Academic Affairs when there is a:

- Data entry error, e.g., B entered instead of A
- Computation error, e.g., the instructor miscalculated the grade

Student-initiated requests for a grade change must follow the Academic Grievance Procedure.

## Academic Grievance Procedure

When a student disagrees with an academic action, an academic grievance petition may be submitted. Actions prompting an academic grievance may include:

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<sup>1</sup> A course is considered attempted when the student is enrolled in it beyond the Drop/Add deadline.

<sup>2</sup> A student is not allowed to do makeup work to improve a grade once the final course grades have been submitted.

1. A course or assignment grade based on arbitrary or nonacademic criteria.
2. The criteria for evaluating the assignment or coursework were not applied or were misapplied. Examples include when the assigned course or assignment grade does not accurately reflect:
  - o Fulfillment of course requirements, and/or
  - o Course policies, as stated in the syllabus (i.e., class attendance, grade standards, penalty for late or incomplete work), and/or
  - o Applicable requirements of the College.

The procedure for submitting the petition is outlined below.

#### Parameters

Timing: The student must notify the instructor no more than 15 business days from the final grades due date for semester.

#### Process for Filing an Academic Grievance:

##### Level I – Instructor or Administrator

1. The student should present the issue by written documentation to the faculty member issuing the grade or administrator making the decision. The documentation shall include statements of the grounds for the grievance, supporting evidence, and desired outcome.
  - a. If a grade inaccuracy is determined, the instructor will submit a grade change request to the Office of Academic Affairs.
2. If satisfaction is not reached, the student should proceed to Level II

##### Level II – Department Chair

1. Submit the appeal in writing to the department chair.
2. If satisfaction is not reached, the student should proceed to Level III

##### Level III – Vice President for Academic Affairs

1. Submit the academic grievance in writing to the Vice President for Academic Affairs or designee.
2. The Vice President for Academic Affairs, after investigation may (a) dismiss the complaint if the grounds for appeal are not met or (b) rule that a grade change is in order.
3. Optionally, the Vice President for Academic Affairs may, within ten days of meeting with the student and faculty member, form a panel of two uninvolved faculty members with whom the Vice President for Academic Affairs will review all appropriate material and rule on the appeal.
  - a. The faculty panel may
    - i. Rule that the grade be changed;
    - ii. Recommend that the instructor revise course and/or grading requirements and re-evaluate the grade;
    - iii. Dismiss the case.

## **Petitions for Exceptions, Waivers, and Substitutions**

To petition for (a) an exception to or waiver of academic policy or (b) a course substitution, students must submit a PEWS form, stating the grounds for the request and providing any supporting evidence. The PEWS form must be requested via email from the Office of the Registrar ([registrar@montreat.edu](mailto:registrar@montreat.edu)). The type of petition (exception, waiver, or substitution) must be identified in the request.

#### Waiver Limitations

Course – When a course is waived by an approved petition, the waiver shall apply only to the specific course within the student's degree program. Substitution of another course or courses may be necessary to meet program/major course requirement minimums. No reduction in total degree hours is granted by the waiver.

## Academic Performance Standards

The goal and expectation for the Montreat College student is that he or she will engage fully in the academic program through class attendance and participation, timely completion and submission of assignments, and rigorous study. A student's academic performance, built on this foundation, will typically advance him or her toward degree completion and meet academic standards necessary for continued enrollment at Montreat.

**In addition to the academic performance standards described here, the student receiving federal or state financial aid (grants, loans, etc.) must meet certain academic standards to maintain eligibility for those funds. See Satisfactory Academic Progress (p. 25) for details.**

General policies and procedures for academic standing are presented below. Because every potential situation affecting a student's academic performance cannot be anticipated, Montreat reserves the right to (a) place a student in/on the academic standing deemed most suitable to support long-term academic success and (b) to require a student to engage with any and all academic support services or resources deemed appropriate to ensure the student's best opportunity for success. Said resources may be assigned without regard to the student's academic standing. Authority for applying these policies and standards is vested in the Office of Academic Affairs.

Montreat classifies the student in four ways relative to academic performance standing based on either career or semester performance:

### Career (Cumulative) Academic Standing

1. Good Standing – A student is in good standing if the career GPA is at or above a 2.0 of a 4.0 scale.
2. Probation – An enrollment status that places conditions on the student to help strengthen academic performance and guide institutional decisions regarding enrollment in future semesters. A student is placed on probation after the semester when the career GPA drops below 2.0 on a 4.0 scale or when the consecutive term GPAs warrant it as determined by the Associate Dean for Learning, Calling, and Career.
3. Suspension – A non-enrollment status that stops a student from enrollment in one or more semesters. A student is suspended after the conditions of the final probation semester are not met or at the discretion of the Associate Dean for Learning, Calling, and Career.

### Term Academic Standing

4. Warning – A student is issued an academic performance warning when (a) the term GPA is below 2.0 and (b) the career GPA is at or above 2.0. This warning triggers various support services the student must use or risk academic probation.

### Academic Probation

Montreat has two levels of academic probation: regular and final. Conditions for both are described below.

A student whose career GPA drops below 2.0 after a semester will be placed on regular probation for the next semester.

The following conditions must be met by the student during a probation semester:

- Enroll in and complete INDS 2203 Strengthening Academic Habits and Skills<sup>1</sup>
- Enroll in and complete a minimum of 12 but no more than 14 credit hours (including the one credit for INDS 2203)
  - The student may not drop or withdraw from courses during a probation semester.
- Schedule and keep meetings with a Thrive Center academic coach during the semester<sup>2</sup>
- Earn a semester GPA of 2.3 or higher.

If these conditions **are met** during the regular probation semester and the student's career GPA is:

- Equal to or above a 2.0, he/she will return to Good Standing.
- Below a 2.0, he/she will remain on regular probation for the second semester.
  - Probation semester conditions remain in effect.

If these conditions **are not met**, the student will be placed on final probation.

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<sup>1</sup> Required during the initial regular probation term only.

<sup>2</sup> Meeting frequency to be determined by the academic coach.

The following conditions must be met by the students during a final probation semester:

- Repeat a minimum of two courses where:
  - A competency course grade was C- or lower; or
  - A regular course grade was D+ or lower
- Enroll in and complete a minimum of 12 but no more than 14 credit hours
  - The student may not drop or withdraw from courses during a probation semester.
- Schedule and keep meetings with a Thrive Center academic coach during the semester<sup>1</sup>
- Earn a semester GPA of 2.3 or higher.

If these conditions **are met** during the final probation semester and the student's career GPA is:

- Equal to or above a 2.0, he/she will return to Good Standing.
- Below a 2.0, he/she will be referred to the Associate Dean for Learning, Calling, and Career to determine if he/she should continue probation or be suspended.

If these conditions **are not met**, the student will be suspended. Suspension is explained in the next section.

### **Academic Suspension**

A student on final academic probation who fails to meet the conditions of final probation will be suspended for the next semester, excluding summer.

The following conditions must be met by the student to return to Montreat after the suspension semester:

- Reapply to the College after one semester (see *Readmission of Former Students*, page 20).
- Complete all steps outlined for the readmission of former students.

The following conditions will apply to the student who is readmitted after a suspension semester:

- Repeat a minimum of two courses where:
  - A competency course grade was C- or lower; or
  - A regular course grade was D+ or lower
- Enroll in and complete a minimum of 12 but no more than 14 credit hours
  - The student may not drop or withdraw from courses during a probation semester<sup>2</sup>.
- Schedule and keep meetings with a Thrive Center staff member.
- Earn a minimum 2.3 semester GPA.

If these conditions **are met** during the post-suspension probation semester and the student's career GPA is:

- Equal to or above a 2.0, he/she will return to Good Standing.
- Below a 2.0, he/she will be referred to the Associate Dean for Learning, Calling and Career to determine if he/she should continue probation or be suspended.

If these conditions **are not met**, the student will be suspended. Readmission after a second semester of suspension must be referred to the Associate Dean for Learning, Calling, and Career and Vice President of Enrollment Management.

### **Academic Dismissal**

After suspension, a student may be dismissed from Montreat College by the Vice President for Academic Affairs for academic reasons. A student who is academically dismissed may not reapply to the College at any time in the future. Students who are academically dismissed are not eligible for Academic Second Chance.

### **Academic Performance Standing - Appeals**

- Probation may not be appealed.
- Suspension may be appealed.

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<sup>1</sup> Meeting frequency to be determined by the academic coach.

<sup>2</sup> The student may, with advisor approval, replace one course with another during the first week of the semester so long as the total hours enrolled does not drop below 12 or exceed 14.

- A written appeal must be submitted to the Vice President for Academic Affairs within two weeks<sup>1</sup> of the date of the suspension notice. This decision is final.
- If the appeal is granted, the student will be admitted on final academic probation.
- Dismissal may not be appealed.

### **Additional Considerations for Academic Performance Standards**

- A review of both academic performance standards and satisfactory academic progress (SAP) is conducted at the end of each semester for all degree-seeking students.
- A student who leaves the College while on academic probation and later returns will reenter in the same probationary status as when they left the College. However, conditions (as outlined above) may be modified if transfer coursework (or equivalent) is of sufficient quality and quantity to merit such modification.
- Suspension is applied without refund of fees.
- Academic performance standing is not calculated for the summer term.
- Probation and Summer coursework:
  - Montreat courses can help raise the GPA if good grades are earned. This is especially true when repeating a course with a low or failing grade. NOTE: A student who is suspended after a spring semester may enroll in summer courses to attempt to raise the career GPA to 2.0 before the start of the fall semester.
  - Non-Montreat courses will not impact the GPA but can meet degree requirements. Pre-approval is required and other restrictions apply.
- Suspension and Summer coursework:
  - Suspension after the spring semester is binding upon the student for the following fall semester unless a career GPA of 2.0 is attained through summer courses taken at Montreat or elsewhere:
    - Montreat courses can help raise the GPA if good grades are earned. This is especially true when repeating a course with a low or failing grade<sup>2</sup>.
    - Non-Montreat courses will not impact the GPA but can meet degree requirements. Pre-approval is required, and other restrictions apply.

## **Academic Second Chance (ASC)**

A student may petition to have one or more semesters of Montreat College coursework excluded from the GPA calculation. This is called Academic Second Chance (ASC). The exclusion may apply to a single semester or a series of consecutive semesters where grades of C- or lower were earned.

### Eligibility

A student who wishes to petition for Academic Second Chance must:

- Have been separated from all institutions of higher learning for a period of two (2) calendar years.
- Have returned to Montreat College and completed a minimum of one fall or spring semester where a minimum of 12 credit hours were completed with a semester GPA of 2.5 was earned.
- Be currently enrolled at Montreat College at the time of the petition, excluding summer.

### Procedure

To petition for ASC, the eligible student should submit a letter of petition to the Associate Dean of Learning, Calling, and Career. The letter should include an action plan to achieve academic success.

### Parameters

- Academic Second Chance may be granted only once and applies only to Montreat College credit.
- No courses taken during the period approved for ASC will apply toward requirements for a degree.

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<sup>1</sup> Fall semester suspension appeals may require a shortened timeline depending on the length of the Christmas break. Details will be provided in the suspension notice.

<sup>2</sup> Repeating a D will not earn new hours but can earn more quality points to raise the GPA. Repeating an F earns new hours and more quality points to raise the GPA.

- Courses in “ASC terms” will not meet academic degree requirements including prerequisites.
- ASC may not be recognized by other institutions.

### Results

An approved ASC will result in:

- “ASC” terms remaining on the student’s record
- “ASC” terms excluded from the GPA calculation.
- The new, recalculated GPA will be the official Montreat College GPA.
- A statement indicating that ASC was granted will be placed on the student’s record.

## **Attendance**

The student is expected to attend all class meetings and is responsible for any work discussed or assigned in every registered course. Each faculty member establishes course attendance policies and must post them in the course syllabus, along with any penalties for absences.

Additionally, any student with no documented activity (as prescribed in the course syllabus) in a course for a period of three weeks may be administratively withdrawn from the course at the discretion of the instructor. This action is indicated on the transcript by the WA grade and impacts the GPA as an F.

If a student is unable to attend class meetings for a brief period for medical or other exigent circumstances, the Short Term Leave of Absence should be considered. See page 32 for more information.

Montreat College cares about student success; therefore, when excessive absences occur in multiple courses in a semester, campus personnel will seek to (a) identify the cause of the absences and (b) help the student resume regular class attendance. The College reserves the right to administratively withdraw the student from one, some, or all semester courses for non-attendance. This action is indicated on the transcript by the WA grade and impacts the GPA as an F.

## **Academic Honesty and Integrity**

Academic communities thrive on principles of honesty and integrity that manifest in completing exams without cheating, presenting original work as such, and properly crediting others for their contributions to a body of work. See the Honor Code in the Student Handbook for additional information.

Violations of academic honesty and integrity (the honor code) and consequences are described below.

### **Definition of Academic Dishonesty**

Academic dishonesty, such as cheating on tests and plagiarizing on essays, violates the fundamental trust underlying all academic work—that the work be the product of the student who submitted it. Montreat College defines academic dishonesty as the representation of another’s words, ideas, or images as one’s own. It applies equally to intentional and unintentional quotations, paraphrases, visual images, auditory images, and all electronic means of storage and communication. The following policies and procedures will be used when academic dishonesty occurs.

### **Discipline of Academic Dishonesty**

When an instructor suspects a student of academic dishonesty, the instructor will meet with the student to discuss the incident and determine, to the instructor’s satisfaction, whether academic dishonesty has occurred. If, in the instructor’s judgment, such a violation of academic integrity has occurred, he or she will present the charges, in writing, to the student.

The allowed disciplinary actions are:

- a zero for each involved assignment, or
- an Administrative Withdrawal (WA) grade for the course<sup>1</sup>.

The student may admit guilt and waive a hearing by signing the academic dishonesty notice which includes the pending disciplinary action.

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<sup>1</sup> This impacts the GPA as a failing (F) grade.

A student who does not agree to the instructor's charges must attend a hearing before a panel of three faculty members, appointed by the Associate Dean of Learning, Calling, and Career, on charges of academic dishonesty. Prior to the hearing, the student must continue to attend class. At the hearing, the instructor will explain the student's alleged violation. The student may choose to maintain his or her innocence with or without evidence or may admit responsibility.

### **Punishment of Academic Dishonesty**

If the panel rules, by simple majority vote:

- that the student has been dishonest, the panel shall uphold the penalty assessed by the instructor.
- that the student not responsible for academic dishonesty, it will notify both the student and the instructor.

The Associate Dean of Learning, Calling, and Career, will notify the student, instructor, academic advisor, and registrar, in writing, of the panel's decision. When the student is found guilty or admits guilt, documentation of the incident will be maintained as part of the academic record. Notation of will not be posted to the academic transcript.

Repeated Academic Dishonesty: Two incidents of academic dishonesty will result in the student's separation from the College without refund of tuition or fees. The student may reapply to Montreat College after four full semesters, excluding summers, beginning after the semester of the separation. Any readmission will be subject to review by the Student Success Team in consultation with the Associate Dean of Learning, Calling, and Career.

### **Exoneration of Academic Dishonesty**

If exonerating information becomes available in the five business days following notification of the panel's decision, the student may appeal to the Associate Dean of Learning, Calling, and Career. Appeals will be heard only if they meet one of the following conditions: (a) discovery of new information or (b) violation of procedure. The student must continue to attend and participate in the course during the appeal process. The student will be notified, in writing, of the decision.

## **College Withdrawal Policies and Procedures**

College withdrawal is defined as:

- A. Term Withdrawal - Leaving during a semester or summer session by exiting all courses.
- B. Break Withdrawal - Deciding between semesters not to return for the next semester.

Montreat College has established a withdrawal process, outlined herein, that fulfills its own administrative needs and prepares the student for future higher education study (at Montreat or elsewhere). The withdrawing student can avoid negative consequences by timely completion of all steps the withdrawal process. This is referred to as "complete withdrawal."

It is the responsibility of the student to complete all steps of the withdrawal process. Staff in the offices of Student Life, Registrar, and Student Financial Services are available to provide guidance and support.

When a student withdraws, the appropriate grades are assigned based on the semester calendar. Incomplete grades are not issued upon withdrawal.

### **Term Withdrawal**

Definition: The student exits the College while a semester/term is in progress.

#### Complete Term Withdrawal

The student must submit the Withdrawal Form on the MC Website. This provides proper notification to various offices and, when properly completed, constitutes complete term withdrawal.

- Before the Drop/Add period ends, all courses are removed from the permanent academic record.
- After the Drop/Add period ends and through semester withdrawal deadline, all courses have a "W" placed on the permanent academic record for each course.
- After the semester withdrawal deadline, the student must receive a grade in each course. The balance of assignments and test grades will be calculated into the final grade as zeros (0).

NOTE: The student residing in campus housing must properly complete the exit procedures through the Residence Life and Housing.

### Incomplete Term Withdrawal

A student who does not complete fully the process is considered an unofficial/incomplete withdrawal. The consequences for incomplete withdrawal are:

- The student forfeits all rights to appeals (administrative, academic, or disciplinary)
- A grade of “WA” grades in all current semester courses
- Any courses scheduled for future terms will be removed
- A hold will block release of the transcript until the completion of the withdrawal process

Upon discovery of incomplete withdrawal, the Office of Student Life will:

- provide notice of the withdrawal process by regular mail and email.
- The student will have seven calendar days from the date of the regular mail notice to complete the process. Failure to do so will result in the consequences stated above.
- Notify the Office of the Registrar

The College will establish the last date of attendance from available information and use it to determine reductions/return of financial aid including but not limited to federal/state grants and loans, VA education benefits, and institutional aid. The student will be responsible for any resulting balance owed to Montreat College and repayment of any loans or other repayable aid/benefits to the funding source.

### Leave Without Notice

This occurs when the student stops attending all course class meetings (seated courses) and/or stops submitting assignments in all courses (online courses). A student who leaves without notice, is considered unofficially withdrawn and is ineligible for a leave of absence after the fact.

Upon discovery that a student has left without notice, the College will provide by regular mail and email notice of the withdrawal process. The student will have seven calendar days from the date of the regular mail notice to complete the process. Failure to do so will result in the consequences listed above.

The College will establish the last date of attendance from available information and use it to determine reductions/return of financial aid including but not limited to federal/state grants and loans, VA education benefits, and institutional aid. The student will be responsible for any resulting balance owed to Montreat College and repayment of any loans or other aid/benefits to the funding source.

### Exigent Circumstances

In the event of circumstances outside the student’s control, e.g., personal or family emergency, that do not allow for the student to immediately complete the withdrawal process, the College will grant the student up to 30 calendar days from the date of the regular mail notice to complete the process. Failure to do so will result in the consequences listed above.

### **Break Withdrawal**

The student who decides, during a between-semester break (winter or summer), not to return is expected to complete the withdrawal process. The student initiates the process by submitting the Withdrawal Form. Upon receipt of the form, notice of additional steps will be sent to the student via email from the Office of Student Life. The student will have seven calendar days from the date notice is sent via email to complete with process. Failure to complete withdrawal will result in a hold preventing the release of transcripts until the process is complete.

The student who decides, during a semester, not to return for the next semester may submit the withdrawal form and mark the withdrawal effective “after end of current term.” The withdrawal process can be completed as the student prepares to leave at the end of the semester.

### **Readmission**

All policies and procedures for readmission are located on page 19 of this catalog.

A student who fully and formally completes Term Withdrawal or Break Withdrawal may return the next semester by completing “returning administrative clearance” and does not have to reapply for admission.

The Withdrawal Form and instructions can be found on the College website.

## Academic Requirements for Graduation

The student is, in all cases, responsible (a) to know and follow the College's policies and procedures related to graduation and (b) fulfill all academic and administrative graduation requirements.

To graduate with a bachelor's degree from Montreat College, students must fulfill the following requirements:

- Earn a minimum of 120 semester credit hours.
- Earn a minimum career grade point average of 2.0, unless the major requires a higher minimum.
- Complete the General Education Core requirements.
- Successfully complete all requirements in the major and its supporting degree program elements.
- Earn a grade of C or better, with no more than two grades<sup>1</sup> of C-, in courses counted toward the major, the concentration within a major, General Education Core classes required by the major, the minor field, and Prerequisite courses, unless the major requirements are higher.<sup>2</sup>
- Successfully complete at least 27 semester credit hours in Upper Level (3000-level or above) courses.
- Fulfill residency requirement of two full-time semesters and completion of 32 credit hours taken at Montreat College.
- Students transferring in with senior status must successfully complete a minimum of 18 credit hours in the major at Montreat College.

The student is subject to the academic requirements stated in (a) the catalog in effect when first enrolled as a degree-seeking student or (b) a later catalog if requested by the student and approved by the College after a change of major. All elements of a student's degree program (major, concentration, general education, etc.) must come from a single edition of the catalog. A student who leaves the College and is later readmitted must meet the requirements applicable at the time of readmission.

Students whose native language is not English, and whose prior language of instruction was not English, may substitute English for the foreign language requirement for the Bachelor of Arts degree. In addition to the nine credit hours of General Education Core requirements, students may substitute six to twelve credit hours of approved English courses.

## Graduation and Commencement

### Introduction

With few exceptions, the goal of every college student is to earn a degree. When that goal is achieved, the student is said to have graduated. A college degree is a significant achievement requiring serious effort and investment from the student. A Montreat College degree bears the proud distinction of a foundation built on a biblical worldview and grounded in the liberal arts. Degrees granted by Montreat are done so only after the student has demonstrated sufficient academic performance and adhered to all policies and procedures thereto pertaining. Those policies and procedures are given or referenced here.

#### Terms (as used in this catalog)

Commencement – The formal ceremony where degree candidates are recognized and formally conferred their degrees.

Commencement Invitation – Official invitation to participate in Commencement. Includes RSVP that must be returned by March 1.

Conferral, Formal – The ceremonial act of the College president granting the degree upon the student. Performed at Commencement.

Conferral, Official – When the registrar indicates on the transcript that the degree has been earned by the student after confirming all degree requirements have been met. Thereafter, the earned degree will appear when the transcript is printed/issued.

Degree Candidate – A graduation applicant determined eligible to (a) graduate and (b) participate in Commencement.

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<sup>1</sup> The allowance of two grades of C- does not apply to General Education Competency requirements.

<sup>2</sup> Prerequisite courses that are not part of the major or minor requirements may receive a C- unless otherwise stated in the catalog.

Graduate – To complete a program of study and earn a degree

Graduation – The process of completing all actions necessary for posting of the degree to the official transcript.

Graduation Applicant – One who has submitted the Intent to Graduate form.

## Requirements for Graduation

The student is, in all cases, responsible (a) to know and follow the College's policies and procedures related to graduation and (b) fulfill all academic and administrative graduation requirements<sup>1</sup>.

### Academic Requirements

To graduate with a bachelor's degree from Montreat College, students must fulfill the following academic requirements:

- Earn a minimum of 120 semester credit hours.
- Earn a minimum cumulative grade point average of 2.0 unless the major requires a higher minimum.
- Complete the General Education Core requirements.
- Successfully complete all requirements in the chosen major
- Earn a grade of C or better, with no more than two grades<sup>2,3</sup> of C-, in courses counted toward the major, the concentration within a major, General Education Core classes required by the major, the minor field, and prerequisite courses, unless the major requirements are higher.<sup>4</sup>
- Successfully complete at least 27 credit hours in Upper Level (3000-level or above) courses.
- Enroll for a minimum of two full-time semesters at Montreat College.
- Complete a minimum of 32 credit hours of Montreat College coursework.
- Students transferring in as a senior (based on career hours earned that are applied to the Montreat transcript), must successfully complete a minimum of 18 credit hours in the major at Montreat College.

### Administrative Requirements

To graduate with a bachelor's degree from Montreat College, students must fulfill the following administrative requirements:

- Maintain the expected year and term of graduation in MAP using the "I Plan to Graduate" form.
- Submit the [Intent to Graduate](#) during the next to last semester of study. This can be done at any time during the next to last but must be done by its end. The earlier, the better.
- Return the Commencement Ceremony RSVP by the deadline, if attended.
- Complete all exit procedures including but not limited to loan counseling, vacating College housing, return of library and rented course resources.

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<sup>1</sup> While College staff will provide announcements and information regarding graduation and commencement, it is the student's ultimate responsibility to be aware of all requirements, deadlines, and due dates. Exceptions and extensions are not the responsibility of the College.

<sup>2</sup> The allowance of two grades of C- does not apply to General Education Competency requirements.

<sup>3</sup> The first two C- grades earned will be counted against this allowance. Additional courses in major, General Education Core classes required by the major, the minor field, and prerequisite courses graded C- must be repeated.

<sup>4</sup> Prerequisite courses that are not part of the major or minor requirements may receive a C- unless otherwise stated in the catalog.

## Planning for Graduation

The student is responsible for planning the completion of all degree requirements and informing the College of those plans. This is done through submission of the Intent to Graduate form (formerly Graduation Application) during the next-to-last semester of study

If you plan to complete your degree in...	...submit your <u>Intent to Graduate</u> by the end of the prior
Spring (May)	Fall (December 15)
Fall (December)	Spring (May 15)

The student, in cooperation with the academic advisor, should monitor degree progress using the personalized degree audit (available in MAP), academic catalog, and the 4-Year Plan for the major.

Because the School of Arts and Sciences does not offer a standard summer curriculum, the student should strive to complete the degree in a fall or spring semester. Exceptions include summer internships/practicums and repeating failed courses. In these cases, the student will have a summer conferral date of 31 August if all degree requirements are met by 21 August or the last day of AGS summer courses, whichever is earlier.

### Determining When to Submit the “Intent to Graduate” (formerly Graduation Application)

Non-Transfer Students:

1. Apply after you have earned more than 90 hours; or
2. Apply the semester before your last semester of study

Transfer Students:

Upon notification from the Office of the Registrar that your accepted transfer courses have been added to your record, you should...

1. Review your degree audit in MAP.
2. Note courses in the Non-Applied Coursework and Free Electives sections. These may meet degree requirements in your major, concentration, or other degree component if approved upon review.
3. Talk with your academic advisor to determine an expected year and term of graduation. Update this in MAP using the “I Plan to Graduate...” feature.

### Completion of Degree Requirements and Official Conferral

Montreat College officially confers degrees by posting them to the transcript three times during the Academic Year: December 31st, May 31st, and August 31st. All degree requirements must be met prior to the conferral date, else the degree will not be conferred until the next conferral date. For summer conferral, all grades from transfer courses, internships, practicums, etc. must be received by Summer Final Grades due date or August 21, whichever is later, for processing in advance of the August 31 conferral date.

Students who apply and do not graduate within the academic year must submit a new Intent to Graduate form.

A degree is officially posted to the student’s transcript only after all degree requirements have been completed as clarified below:

- Incomplete courses from the graduation term: If such a course is completed according to the terms of the Contract for Incomplete, the graduation term conferral date will be honored. Example: A student is graduating in the fall

semester and is granted an incomplete course grade. The contract has a deadline of January 15<sup>th</sup> which the student meets. The conferral date will be for the fall semester (December 31).

- Courses completed after the current conferral date will cause the degree to be posted on the next conferral date.

Semester Conferral	“Intent to Graduate” Submission Deadline	Degree Conferral
Fall	July 15	December 31 <sup>st</sup>
Spring	December 15	May 31 <sup>st</sup>
Summer	May 15	August 31 <sup>st</sup>

## Planning for Commencement

A commencement ceremony is held in May to honor students graduating during the academic year (Fall, Spring, and Summer). Participation in commencement ceremony is expected for eligible students, but not required. Information on the ceremony, including date, time, and directions, is available at [www.montreat.edu/graduation](http://www.montreat.edu/graduation). Note: A student may only participate in one commencement ceremony per degree.

### Participation

Fall Graduates: A student whose degree is officially conferred after the fall semester is eligible to participate.

Spring/Summer - A student is eligible to participate if the following conditions are met:

- Intent to Graduate has been submitted
- 100+ hours earned by end of preceding fall semester
- 24+ Montreat hours earned by end of preceding fall semester
- 12+ hours enrolled in the spring semester

### Commencement Invitation and RSVP

Eligible degree candidates will receive an invitation to the ceremony in late January. The College requires an RSVP from attending students by March 1. Failure to RSVP by the deadline will indicate the student is not attending and the invitation will be withdrawn.

### Regalia

The student participating in the commencement ceremony must wear the cap and gown appropriate to the degree earned. Graduates may purchase caps and gowns, invitations, and other commencement supplies through [Herff Jones](#) or the Campus Book Store.

The appropriate cap, gown, and master’s hood are to be worn during the processional, ceremony, and recessional. College-issued recognition cords and pins may be worn. Only stoles and pins from College-approved organizations that honor academic achievement may be worn. Contact the Office of the Registrar for these College-approved organizations.

A candidate may decorate the cap; however, Montreat College reserves the right to disallow a cap inappropriately decorated with potentially offensive words, images, or symbols.

### **Exceptions to Commencement Participation Policy**

A student who (a) does not meet the criteria to be invited to the ceremony or (b) plans to finish the following fall semester but wants to walk early should submit a Petition for Exception, Waiver, or Substitution (PEWS). The petition should include the reason an exception is warranted.

The PEWS can be requested from the Office of the Registrar via email ([registrar@montreat.edu](mailto:registrar@montreat.edu)).

## Diplomas

Diplomas (both physical and digital versions) are issued approximately one month after the degree conferral date (see table above), not the commencement date. The following must be completed before the diploma will be issued and/or the student's degree is verified to any person/party:

- Student loan exit counseling
- Financial obligations to the College

Official and final honors will be posted on the transcript and diploma upon conferral. These may differ from honors listed in the commencement program.

Diploma covers are issued at the commencement ceremony. A graduate who does not attend a ceremony may request a diploma cover by emailing [registrar@montreat.edu](mailto:registrar@montreat.edu).

Duplicate diplomas are available for purchase online at [www.montreat.edu/registrar](http://www.montreat.edu/registrar).

## Graduation and Student Achievement (Latin) Honors

For graduation with Latin honors from a baccalaureate program, students must earn a minimum of 60 credit hours at Montreat College and meet the following minimum career grade point average requirements:

GPA	Honor
3.50 – 3.69	<i>Cum laude</i>
3.70 – 3.84	<i>Magna cum laude</i>
3.85 – 4.00	<i>Summa cum laude</i>

Baccalaureate degree Latin honors are recognized by wearing gold cords at Commencement.

Baccalaureate students with 45-59 credit hours at Montreat College and a minimum grade point average of 3.75 or higher may graduate “*with Distinction*.”

Associate degree students who graduate with a minimum grade point average of 3.75 or higher and complete at least 45 credit hours at Montreat College may graduate “*with Honors*.” Associate degree honors are recognized by wearing gold and white cords at Commencement.

All honors recognized at commencement are provisional and based on the career GPA through the previous fall semester. Official honors are awarded upon degree conferral. The bachelor's or associate degree student is not eligible for honors until all degree requirements are met/completed.

**Valedictorian and Salutatorian Honors** are recognized among baccalaureate graduates with the two highest career grade point averages having completed a minimum of 60 credit hours at Montreat College. If there is a tie in GPA, the student with the highest number of credit hours earned at Montreat College will break the tie. A valedictorian and salutatorian are chosen from the annual graduates based on final semester grades through the fall semester. These honors are determined based on the career GPA at the end of the fall semester. Fall graduates who participate in the preceding spring commencement ceremony are not eligible for these honors.

**Dean's List** consists of those undergraduate degree-seeking students who, at the end of a fall or spring semester, meet the following requirements: (1) earn a grade point average of 3.5–3.999 on academic work; (2) earn at least 12 credit hours of academic work; (3) satisfactorily complete the chapel/convocation attendance requirement; (4) receive no grade of I, F, WA; and (5) be in good academic and disciplinary standing.

**President's List** consists of those undergraduate degree-seeking students who, at the end of a fall or spring semester, have met the following requirements: (1) earn a grade point average of 4.0 on academic work; (2) earn at least 12 hours of academic work; (3) satisfactorily complete the chapel/convocation attendance requirement; (4) receive no grade of I, F, WA; and (5) be in good academic and disciplinary standing.

**Scholarship Pin** is awarded to graduates receiving the bachelor's degree who have fulfilled the requirements for Dean's List (3.50-3.89 GPA) or Distinguished Scholars' (3.90 GPA or above) for six consecutive semesters.

**Alpha Chi Honor Society** one of the three most prestigious national honor societies, maintains the North Carolina Tau Chapter at Montreat College. Alpha Chi's purpose is to promote academic excellence and exemplary character among college and university students and to honor those who achieve such distinction. Active membership is based on: (1) good reputation and character (2) rank in the top 10 percent of the junior and senior classes, and 3 regular student status at

Montreat College for no less than one academic year prior to election. Potential Alpha Chi members must be approved by the faculty.

**Military cords:** Montreat College wishes to recognize those who are veterans or active duty members in our U.S. Armed Services. These women and men will be given red, white, and blue honor cords to wear during their graduation commencement ceremonies.

**Outstanding Bible and Ministry Graduate Award** is given to an outstanding graduating Bible and Ministry student who has demonstrated academic excellence, theological acuity, Christian maturity, and Kingdom vision.

**Outstanding Biology Graduate Award** is awarded to a graduating senior in the Biology program who has demonstrated excellence in academics, Christ-like character, and compelling leadership qualities.

**Hicks Anderson Outstanding Business Graduate Awards** were established in 2001 to recognize graduating Business majors who have best demonstrated outstanding academic performance, selfless service, and exemplary Christian character. This award is presented annually to a School of Arts and Sciences student and a School of Adult and Graduate Studies student.

**Outstanding Communication Graduate Award** acknowledges a graduating senior within the Communication major, who has displayed academic excellence, Christian character, and a servant's heart.

**Outstanding Cybersecurity Graduate Award** is presented to a graduating senior in the program who has demonstrated academic excellence, Christ-like character, and servant leadership among students.

**Outstanding Elementary Education Graduate Award** is given to a graduating senior as chosen collaboratively by the Teacher Education faculty. The recipient demonstrates an accomplished understanding of the teaching profession; exhibits effective leadership ability in and outside of the classroom; abides by high moral standards as evidenced by Christian character; reflects a clear sense of calling to the teaching profession; and performs academic work with excellence and enthusiasm.

**Outstanding Environmental Science Graduate Award** is given to a graduating senior within the Environmental Science major. Award recipients are chosen by department faculty based on academic achievement, Christian commitment, servant leadership, and leadership among students.

**Outstanding Exercise Science Graduate Award** is given to a graduating senior within the Exercise Science major. Award recipients are chosen by department faculty based on academic achievement, Christian commitment, servant leadership, and leadership among students.

**Outstanding Health Sciences Graduate Award** is awarded to a graduating senior in the Health Science major who has demonstrated excellence in academics, Christ-like character, and compelling leadership qualities.

**Outstanding History Graduate Award** may be given at the close of the academic year to a graduating senior deemed especially outstanding as a student of history. The recipient is usually a History major or minor.

**Elizabeth H. Maxwell Literature Award** is given to a graduating senior who has demonstrated outstanding achievement in literary studies as determined by the English faculty. Requirements include that the student major in English, maintain a GPA of 3.2, take at least one course from each full-time member of the English faculty, and demonstrate creativity and maturity in the field of literary studies.

**Outstanding Music Business Graduate Award** is presented to a Music Business graduate who has exhibited dedication, innovation, tenacity, the ability to quickly adapt, and a desire to learn – all skills that are necessary for success in the music industry. Above all, the recipient of this award has practiced servant leadership both in the Music Department and in the College community at large.

**Outstanding Outdoor Recreation Studies Graduate Awards** are given to outstanding graduating seniors who are candidates for a Bachelor of Science degree in Outdoor Recreation Studies. Requirements include: committed to a career in Outdoor Recreation Studies; maintained a 3.0 GPA; pursued certifications; made an outstanding contribution to the Outdoor Recreation Studies Program; demonstrated creativity, maturity, and excellence in teaching; demonstrated that he/she is a servant leader; and bears evidence of a committed Christian life.

**Outstanding Psychology and Human Services Graduate Award** recipient is chosen collaboratively by the Psychology and Human Services faculty and graduating seniors within the major. This award is presented to a graduating senior who has demonstrated exceptional scholarship in the major field of Psychology and Human Services, abides by high moral standards, has a clear sense of direction, helps people on and off campus, and shows great promise for using his or her understanding of human behavior to become an agent of transformation, renewal, and/or reconciliation to the glory of God.

**Theatrical Excellence Award** is available to sophomores, juniors, and seniors who have demonstrated excellence and potential in the field of theatrical arts through exemplary participation in theatre work at Montreat College.

**Writing Program Service Award** distinguishes a student who combines superior academic writing ability with the talent to inspire fellow students to excel in writing. The recipient is a graduating senior who has served in the writing program for at least two semesters and is graduating with a 3.0 GPA or higher.

**Certificate of Excellence in Youth and Family** is awarded by the Youth and Family Ministry Educators' Forum upon the recommendation of the Youth and Family faculty to a Montreat College student who has demonstrated academic excellence and giftedness in working with young people.

**Zondervan Greek Award** is presented by Zondervan Publishing House. Upon recommendation of the Biblical, Religious, and Interdisciplinary Studies Department, this award recognizes students for their singular achievement in the study of Biblical Greek.

**Faculty Service Award** annually recognizes a graduating senior who has made outstanding contributions to Montreat College and who has given evidence of effective Christian citizenship.

**Kim Denise Trapnell Servant Leader Award** was established in 1994 in honor of Kim Denise Trapnell, an outstanding example of student leadership. It is given annually to the student who best demonstrates a servant's heart in leading others through service, attitude, and relationships.

**SGA Staff Person of the Year Award** is given annually by the Student Government Association to a staff member who has excelled in all areas of Montreat College.

**SGA Excellence Award** established in 1994 by the Legislative Committee, is given annually to the member of the Student Government Association who has shown outstanding dedication and leadership throughout the year.

**National Association of Intercollegiate Athletics All-American Scholar-Athlete Award** recognizes excellence in the classroom and on the field of play. Nominees for this honor must be junior or senior varsity performers who have been enrolled at their nominating institution for a minimum of one full term. They must also have at least a 3.50 career grade point average on a 4.00 scale from their nominating institution.

# The Family Educational Rights and Privacy Act (FERPA)

Montreat College abides by the Family Educational Rights and Privacy Act of 1974, Sec. 438, PUB. L90-247, as amended, which sets forth requirements for the protection of students' rights to privacy in their educational records and gives them the right to inspect such records to seek correction of errors. This statement serves as notice to all students of their rights under the law.

**Student:** Any person who either attends or has attended Montreat College

**Educational Records:** Any record (in print, handwriting, microfilm, computer, or other medium) that is maintained by a Montreat College staff or faculty member and is directly related to a student except:

- Sole possession records: Personal records kept by a college official if they are kept in the possession of the individual who made the records, and information contained in the record has never been revealed or made available to any other person except the maker's temporary substitute.
- An employment record of an individual whose employment is not contingent on the fact that he or she is a student, provided the record is used only in relation to the individual's employment.
- Records maintained by the Montreat College security department if the record is maintained solely for law enforcement purposes, is revealed only to law enforcement agencies of the same jurisdiction, and the department does not have access to the educational records maintained by Montreat College.
- Records maintained by the Health Services Office if the records are used only for treatment of a student and made available only to those persons providing the treatment.
- Alumni records that contain information about a student after he or she is no longer in attendance at Montreat College and the records do not relate to the person as a student.

## Annual Student Notification

Policy: Students are notified of their FERPA rights and procedures for indicating their FERPA release preferences in the annual Montreat College catalog and via emails sent at the beginning of each term.

## Procedure for Student Inspection/Review of Records

Students have the right to inspect and review their educational records upon request to the custodian of the record.

- If a student is requesting to see only one item from their educational record (i.e. an unofficial transcript), no written request or appointment is necessary. Access will be immediate, subject to the availability of the custodian.
- If a student is requesting to see more than one item from their educational record, a written request must be submitted to the records custodian that identifies the record(s) the student wishes to inspect. The custodian will arrange for the access and notify the student of the time and place where the records may be reviewed. By law, access must be provided within 45 days from the receipt of the request. When a record contains information about more than one student, the student may review only the records that relate to him/her.

## Montreat College Right to Refuse Access Policy

Montreat College reserves the right to refuse to permit a student to inspect these records:

1. Any financial records of the parent that may be in the student's file.
2. Letters of recommendation for which the student has waived his/her right of access.
3. Admission records if the student's application was denied or the student chose not to attend Montreat College after making application.
4. Records excluded from FERPA's definition of educational records.

## Montreat College Right to Refuse Provision of Copies Policy

Montreat College reserves the right to deny copies or transcripts or other records if:

1. The student lives within commuting distance of Montreat College.
2. The student has a delinquent account at Montreat College.
3. There is an unresolved disciplinary action against the student.

## **Schedule of Fees for Copies**

The fee for copies of educational records is \$.50 per page, plus postage if applicable.

## **Disclosure of Educational Records Policy**

Montreat College will disclose information from a student's educational record only with the written consent of the student, except in the following instances:

1. To school officials who have a legitimate educational interest in the records.
2. **A school official is:**
  - A person employed by the College in an administrative, supervisory, academic, or support staff position.
  - A person elected to the Board of Trustees.
  - A person employed by or contracted to Montreat College for a special task, such as an attorney or auditor.**Legitimate educational interest includes:**
  - Performing a task that is specified in a position description or by a contract agreement.
  - Performing a task related to the student's education.
  - Performing a task related to the discipline of a student.
  - Providing a service or benefit relating to the student or student's family, such as health care, counseling, job placement, or financial aid.
3. To certain officials of the U.S. Department of Education, the Comptroller General, and state and local educational authorities in connection with certain state or federally supported education programs.
4. To the National Student Clearinghouse for enrollment and degree verification purposes.
5. In connection with a student's request for or receipt of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the financial aid.
6. If required by a state law requiring disclosure that was adopted before November 19, 1974.
7. To organizations conducting certain studies for or on behalf of Montreat College.
8. To accrediting organizations to carry out their functions.
9. To comply with a judicial order or a lawfully issued subpoena (accompanied by a reasonable effort to notify the student).
10. To appropriate parties in a health or safety emergency.
11. Results of a disciplinary hearing to an alleged victim of a crime of violence.
12. Final results of a disciplinary hearing concerning a student who is an alleged perpetrator of a crime of violence and who is found to have committed a violation of the school's rules or policies.
13. Disclosure to the parent of a student under 21 if the institution determines that the student has committed a violation of its drug or alcohol policies.

## **Directory Information Policy**

Montreat College designates the following items as directory information: Student's name, address, telephone number, Montreat College e-mail address, date and place of birth, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, major fields of study, enrollment status, classification, expected graduation date, job title and dates of student work study, degrees and awards received, photographs, and the most recent previous educational institution attended by the student.

Any student who does not wish to have directory information released or published by the College must update his or her profile in MyInfo.

## **Procedure for Students Requesting to Amend Educational Records**

Students have the right to request a correction of their educational records under FERPA. If a student believes the educational records relating to the student contain information that is inaccurate, misleading, or in violation of the student's rights of privacy, he/she may ask Montreat College to amend the record. The procedure for requesting a correction of the records is:

1. The student must submit a request to the custodian of the record to amend the record. The request should identify the portion(s) of the record the student wants changed and specify why the student believes that portion of the record to be inaccurate.
2. If the College decides not to comply with the request, the student will be notified of the decision and also advised of his/her right to a hearing to challenge the decision not to amend the record.
3. Upon request, the College will schedule a hearing and notify the student as to the time and place of the hearing.

4. The hearing will be conducted by an individual who does not have a direct interest in the outcome of the hearing. The student will have an opportunity to present evidence relevant to the issues raised in the request to amend the record. The student may be assisted by an attorney of his/her own choice.
5. The College will respond with a written decision within a reasonable period of time after the hearing. The decision will include a summary of the evidence and the reasons for the decision.
6. If the College decides that the information contested is not inaccurate, misleading, or in violation of the student's right to privacy or other rights, it will notify the student, in writing, that they have a right to place a statement in the record about the contested information in the record or stating why he/she disagrees with the hearing outcome.
7. The statement will be maintained as part of the student's educational record as long as the contested portion is maintained. If the College discloses the contested portion of the record, it must also disclose the student's statement.
8. If the College decides that the information contested is inaccurate, misleading, or a violation of the student's right to privacy or other rights, it will amend the record accordingly and notify the student, in writing, that the record has been amended.

## **Student Mail and E-Mail**

Each Montreat student is issued:

- A College email address that remains active until approximately six months after enrollment ends.
- A campus post office box for receiving regular mail through the USPS.

## **College Communication with Students**

Administrators, faculty, coaches, and staff use College email, campus post, and USPS to communicate with students. Email is the primary method and should be checked regularly as should campus post. Much of the information sent is time-sensitive and requires a response from the student. The student is responsible for all communication sent using these means. Missed deadlines due to failure to read messages from college officials is the responsibility of the student.

## **Inclement Weather**

During periods of especially inclement weather a decision to close or delay the opening of the College will be made prior to 7:00 am. College closings or delays will be announced on WLOS TV, Fox TV, and Clear Channel Radio stations. Also, a recording will be issued on the College's main telephone greeting (828-669-8011), a message will be posted on the College's main webpage ([www.montreat.edu](http://www.montreat.edu)), and an email will be sent to all faculty, staff, and students indicating the status of the institution (closed, two hour delay, etc.). Classes may be conducted remotely or alternative work assigned in lieu of class meetings. If the College starts with a two-hour delay, the Academic Class Schedule will be as follows:

### Monday/Wednesday/Friday Classes

Hour	Normal Class Schedule	2-Hour Delay Class Schedule
1st Hour	8:00-8:50am	10:00-10:40am
2nd Hour	9:00-9:50am	10:50-11:30am
Chapel/Convo/Comm	10:00-10:50am	11:40am-12:20pm
3rd Hour	11:00-11:50am	12:30-1:10pm
4th Hour	12:00-12:50pm	1:20-2:00pm
5th Hour	1:00-1:50pm	2:10-2:50pm
6th Hour	2:00-2:50pm	3:00-3:40pm
7th Hour	3:00-3:50pm	3:50-4:30pm
8th Hour	4:00-4:50pm	4:40-5:20pm
Evening classes continue as scheduled		

### Tuesday/Thursday Classes

Hour	Normal Class Schedule	2-Hour Delay Class Schedule
1st Hour	8:00-9:20am	10:00-10:50am
2nd Hour	9:30-10:50am	11:00-11:50am
3rd Hour	11:00am-12:20pm	12:30-1:20pm
4th Hour	1:00-2:20pm	1:30-2:20pm
5th Hour	2:30-3:50pm	2:30-3:50pm
6th Hour	4:00-5:20pm	4:00-5:20pm
Evening classes continue as scheduled		

## **Academic Faculties**

### **Faculty of Christianity, Culture, and Human Expression (CCHE) - *J. Martin, Director***

Studies in Bible, Theology, and Ministry (BTM) - *M. Wells, Chair*

Bible and Theology

Christian Ministries

Studies in Communications and the Arts (COA) - *K. Auman, Chair*

Communications and Digital Media

Communication Studies

Music Business

Music

Studies in History, Language, and Literature (HLL) - *L. Toland and P. Yoder, Co-Chairs*

English

History

Interdisciplinary Studies

### **Faculty of Science and Human Services (SCHS) - *R. York, Director***

Studies in Education and Outdoor Recreation (EDO) - *L. Neuzil, Chair*

Educational Studies

Elementary Education

Outdoor Recreation Studies

Studies in Natural and Health Sciences (NHS) - *M. Lassiter, Chair*

Biology

Environmental Science

Exercise Science

Health Sciences

Studies in Psychology and Human Services (PHS) - *M. Hunter, Chair*

Criminal Justice

### **Faculty of Technology and Human Industry (TEHI) - *K. Burgin, Director***

Studies in Business and Economics (BEC) - *T. Fegley, Chair*

Accounting

Business Administration

Studies in Cybersecurity (CYB) - *G. Sayadian, Chair*

Cybersecurity

Data Analytics

# The Instructional Program

## Academic Program Nomenclature

**Major** – A coherent program of study that addresses identifiable learning outcomes. A major requires a minimum of 36 semester hours of coursework.

**Concentration** – An area of specialization under an appropriate major. A major with areas of concentration requires a minimum of 15 semester hours of specialized concentration coursework in addition to other courses in the major.

**Minor** – A coherent program of study that focuses on breadth, rather than depth, of knowledge in a discipline. A minor requires a minimum of 18 semester hours.

**Upper-Level Course** – Any course numbered 3000 – 4999. All bachelor's degrees require completion of 27 hours of Upper-Level courses. Some majors have specific Upper-Level course requirements that can count toward this requirement. Course Reuse does not apply to this requirement.

### General Degree Requirements

All bachelor's degrees require:

- A minimum of 120 hours.
  - Increases in the minimum number of hours can result from:
    - A specific major with concentration options
    - Double majors or a major with multiple concentrations/minors
    - Late-in-program major change
    - Repeated courses to achieve the minimum grade required
- Completion of
  - General Education curriculum (55 hours<sup>1</sup>)
    - General Education Competencies
  - Major curriculum
  - Concentration curriculum, if applicable
  - Free electives, if needed to reach the 120-hour minimum
- Completion of a minimum of 27 hours of Upper-Level courses (numbered 3000 and above)
- A minimum 2.0 GPA
  - Some majors require higher minimums. See your major requires in this catalog.
- Enrollment at Montreat:
  - Two full-time terms, minimum
  - 32 hours earned, minimum for bachelor's degrees
  - 24 hours earned, minimum for associate degrees

## Program of Study Options

Montreat College currently offers twenty-one outcomes-based, learner-focused, major programs of study in addition to the student-designed (or customized) Interdisciplinary Studies major. Each program is committed to the integration of faith and learning as it seeks to educate the mind and challenge the spirit. The programs listed below are categorized according to the following codes: AAS<sup>2</sup> (Associate of Applied Science), AA (Associate of Arts), AS (Associate of Science), BA (Bachelor of Arts), BS (Bachelor of Science), M (Major), MI (Minor), and C (Concentration).

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<sup>1</sup> Some majors have required or recommended general education courses that increase the total number of general education hours.

<sup>2</sup> The AAS is offered in Cybersecurity.

Academic Programs		
Program of Study	Degree Option	Category
Accounting	BS	M
Adventure-Based Counseling		MI
Art		MI
Associate of Arts	AA	
Associate of Science	AS	
Bible and Theology	BA	M, MI
Biology	BS	M, MI
Applied Biochemical Technology Concentration		C
Environmental Concentration		C
Integrated Preparation for ABSN (Pre-Nursing)		C
Pre-Professional Concentration		C
Special Emphasis Concentration		C
Business Administration	BS	M, MI
Cybersecurity Concentration		C
International Business Concentration		C
Management Concentration		C
Marketing Concentration		C
Music Business Concentration		C
Special Emphasis Concentration		C
Sports Management Concentration		C
Chemistry		MI
Christian Ministries	BS	M
Communication		MI
Communication and Digital Media	BS	M
Communication Studies	BS	M
Criminal Justice	BS	M, MI
Cybersecurity	AAS, BS	M, MI
Data Analytics Concentration		C
Governance Concentration, Risk, and Compliance Concentration (GRC)		C
Penetration Testing Concentration		C
Data Analytics	BS	M, MI
Educational Studies	BS	M, MI
Elementary Education	BS	M
English	BA	M, MI
Creative Writing Concentration		C
Literature Concentration		C
Professional Writing Concentration		C
Special Emphasis Concentration		C
Environmental Science	BS	M, MI
Natural Resource Management		C
Organismal Ecology		C
Special Emphasis Concentration		C
Exercise Science	BS	M
Health and Fitness		C
Physical Education		C
Pre-Professional		C
Special Emphasis		C
Health Sciences	BS	M
Pre-Dental Concentration		C
Pre-Medical Concentration		C
Pre-Optometry Concentration		C
Pre-Pharmacy Concentration		C
Pre-Physician Assistant Concentration		C
Pre-Veterinary Concentration		C
History	BA, BS	M, MI
Interdisciplinary Studies	BA, BS	M, MI
Leadership		MI
Music	BA	M, MI

Music Business	BS	M, MI
General Concentration		C
Montreat Audio Production Program Concentration		C
Outdoor Recreation Studies	BS	M, MI
Environmental Education and Interpretation Concentration		C
Conservation Law Enforcement Concentration		C
Outdoor Leadership & Adventure Education Concentration		C
Outdoor Ministry Concentration		C
Philosophy and Worldviews		MI
Pre-Law	BA, BS	M
Psychology and Human Services	BA, BS	M, MI
Human Services Concentration		C
Psychology Concentration		C
Spanish		MI
Youth and Family		MI
Worship Arts		MI

Student in any major may be considered for acceptance into the Honors Program (page 39**Error! Bookmark not defined.****Error! Bookmark not defined.**).

## General Education

General education courses are the hallmark of a liberal arts education. In this series of courses, students gain the broad base of knowledge that will serve as the foundation for further studies in major areas. In addition, students will develop an appreciation of how the various collegiate disciplines work together to gain a fundamental understanding of the structure and function of world culture from a uniquely Christian perspective.

Each student must complete the general education curriculum as set forth in this section.

Some courses are governed by special conditions or terms that are outlined below.

Full-time Students:

- **First Semester Required Courses**
  - ENGL 1111<sup>1,2</sup>
  - BIBL 1101 or 1102<sup>1</sup>
  - INDS 1012 or 2100<sup>1</sup>
    - 1012 is for students with less than 12 hours of college credit obtained in a college setting (does not include dual-enrolled classes, AP classes or CLEP credits).
    - 2100 is for students who have attended another college and are transferring in at least 12 credit hours.
      - Athletes forced to miss two or more days of INDS 2100 will need to withdraw and re-enroll the next semester.
- **Second Semester Required Courses**
  - ENGL 1112<sup>1</sup>
  - BIBL 1101 or 1102<sup>1</sup>
- **Humanities and Honors Program Students**
  - HONS 3110 and 4120 are counted as six hours of humanities
- **Humanities and Foreign Language**
  - Language courses, Montreat or transfer<sup>3</sup>, may meet up to eight of the required nine hours
- **Physical Education and Student Athletes**
  - Athletes may receive 1 credit per semester for full participation in an officially recognized college sport (for a maximum of 2 credits) to meet the physical education requirement.
    - Only one credit may be awarded per semester, regardless of dual-sport participation.
    - Verification of participation must be provided by the coach.
    - Credit is awarded only after the end of the semester.
- **Physical Education Activity Courses**
  - Any single one-hour physical activity course may be taken twice to fulfill the Physical Education requirement

NOTE: Course numbering is specific to Montreat College courses; transfer students will be given consideration based on a course-by-course evaluation of credit.

<b>General Education Curriculum .....</b>	<b>55</b>
<b>First-Year Experience.....</b>	<b>1-2</b>
INDS 1102    Foundations of Faith and Learning (for first-time freshmen) .....	2
INDS 2100    Seminar on Faith and Learning (for first-time transfer students).....	1
<b>Bible.....</b>	<b>6</b>
BIBL 1101    Old Testament .....	3
BIBL 1102    New Testament.....	3

<sup>1</sup> Repeat until minimum grade earned.

<sup>2</sup> If the student has earned credit for ENGL 1111 prior to entering Montreat, he/she will be enrolled in ENGLS 1112 the first semester.

<sup>3</sup> Subject to transfer policy limits

<b>Computer Information<sup>1</sup></b> .....	<b>3</b>
CYBR 1131    Computer Applications and Concepts .....	3
<b>Writing<sup>1</sup></b> .....	<b>6</b>
<u>Standard Curriculum</u>	
ENGL 1111    English Composition I .....	3
ENGL 1112    English Composition II .....	3
<u>Honors Curriculum</u>	
ENGL 1131    Honors English Composition .....	3
ENGL 1132    Honors Introduction to Literary Studies .....	3
<b>Reading and Literature<sup>1</sup></b> .....	<b>3</b>
ENGL ____    A literature course 2000 or higher. Writing courses do not meet the requirement. ....	3
<b>History</b> .....	<b>6</b>
Chose two of the following; one must be 1301 or 1302.	
HIST 1301    World Civilizations I .....	3
HIST 1302    World Civilizations II.....	3
HIST 2101    United States History I .....	3
HIST 2102    United States History II .....	3
<b>Arts and Humanities</b> .....	<b>9</b>
At least one hour in Humanities and one hour in Arts	
Choose courses from the Arts and Humanities lists (see Appendix C page 240) to total 9 hours.	
<b>Mathematics<sup>1</sup></b> .....	<b>3</b>
MATH 1120    Introduction to Mathematics.....	3
MATH ____    A math course numbered above 1120 .....	3
BIOL 3711    Biostatistics.....	3
<b>Natural Science</b> .....	<b>7</b>
Chose two courses; one must have a lab	
ASTR 1110, 1101    The Solar System Lecture (3) and Lab (1) .....	4
ASTR 1112, 1102    Stars and Galaxies, Lecture (3) and Lab (1).....	4
BIOL 1111, 1101    Survey of Biological Principles I Lecture (3) and Lab (1) .....	4
BIOL 1112, 1102    Survey of Biological Principles II Lecture (3) and Lab (1) .....	4
BIOL 2211, 2201    Human Anatomy and Physiology I Lecture (3) and Lab (1).....	4
BIOL 2212, 2202    Human Anatomy and Physiology II Lecture (3) and Lab (1) .....	4
CHEM 1111, 1101    General Chemistry I Lecture (3) and Lab (1) .....	4
CHEM 1112, 1102    General Chemistry II Lecture (3) and Lab (1) .....	4
ENSC 1112, 1102    Introduction to Environmental Science Lecture (3) and Lab (1) .....	4
PHYS 1311, 1301    College Physics I Lecture (3) and Lab (1) .....	4
PHYS 1312, 1302    College Physics II Lecture (3) and Lab (1) .....	4
<b>Oral Expression<sup>1</sup></b> .....	<b>3</b>
COMM 1220    Public Speech and Rhetorical Analysis .....	3
COMM 2202    Self-Presentation for the Camera.....	3
ENGL 2510    Business Communication.....	3
MNST 3910    Biblical Preaching and Communication .....	3
OREC 3212    Principles of Environmental Interpretation .....	3
<b>Physical Education<sup>2</sup></b> .....	<b>2</b>
Complete a minimum of two hours from these courses	

<sup>1</sup> General Education Competency

<sup>2</sup> Student athletes can earn up to 2 hours of credit for EXSC 1111 upon recommendation of the coach in order to satisfy this requirement.

EXSC 1112	Beginning Jogging.....	1
EXSC 1113	Aerobic Dance.....	1
EXSC 1114	Team Sports I – Soccer and Volleyball.....	1
EXSC 1115	Teams Sports II – Basketball and Softball.....	1
EXSC 1116	Physical Fitness.....	1
EXSC 1117	Racquet Sports.....	1
EXSC 1118	Yoga.....	1
EXSC 1119	Advanced Yoga.....	1
OREC 1720	Backpacking and Orienteering.....	1
OREC 1731	Rock Climbing.....	1
OREC 1732	Advanced Rock Climbing.....	1
OREC 1741	Canoeing.....	1
OREC 1742	Advanced Canoeing.....	1
OREC 1751	Kayaking.....	1
OREC 1752	Advanced Kayaking.....	1
OREC 1761	Downhill Skiing.....	1
OREC 1762	Winter Outdoor Recreation.....	1
OREC 2211	Wilderness First Aid.....	1
HLSC 1411	Health.....	3
<b>Social Science.....</b>		<b>3</b>
Choose one course from the following:		
BUSN 2601	Macroeconomics.....	3
BUSN 2602	Microeconomics.....	3
SOCI ____	Any sociology course.....	3
PSYC 1100	Psychology Applied to Modern Life.....	3
CRIM 1111	Introduction to Criminal Justice.....	3
COMM 1203	Communication Theory and Research.....	3
<b>Senior Seminar.....</b>		<b>2</b>
INDS 4161	Seminar on Faith and Life.....	2

## Required Courses Must be taken until Minimum Grade Earned

All full-time students must be enrolled in the following General Education courses until they are successfully completed (unless they have received transfer, AP, or CLEP credit for them):

### First-Year, First Semester Courses:

- Faith and Learning (based on enrollment status)
  - INDS 1102 Foundations of Faith and Learning (for students new to college or transferring in less than 12 credit hours)
  - INDS 2100 Seminar on Faith and Learning (for students transferring in 12 credit hours or more)
- College Success (based on enrollment status)
  - INDS 1103 College Success Lab (first-time freshmen admitted conditionally);
- Bible (based on student choice)
  - BIBL 1101 Old Testament Survey
  - BIBL 1102 New Testament Survey
- English (based on honors program membership)
  - ENGL 1111 English Composition
  - ENGL 1131 Honors English Composition

### First-Year, Second Semester Courses:

- Bible (the course not taken the previous semester)
  - BIBL 1101 Old Testament Survey
  - BIBL 1102 New Testament Survey
- English (based on honor program membership)
  - ENGL 1112 English Composition
  - ENGL 1132 Honors Introduction to Literary Studies

Dropping, withdrawing, failing, or earning an insufficient grade means a student must register for the course the following semester. ENGL 1111 (or 1131) and ENGL 1112 (or 1132) must be repeated each semester until a grade of C or higher is earned in each. The student accepts all consequences for delayed academic progress (including graduation) associated with repeating courses under these conditions.

## General Education Competencies

Montreat College's General Education Core program was designed with several priorities in mind. Instructors strive to integrate Christian faith and worldviews within the context of all subjects and disciplines. Therefore, all students need to have a basic understanding of a Christian worldview and Christian doctrines to fully grasp the concepts of further study at Montreat College. BIBL 1101 and 1102 provide foundational Biblical knowledge that students may not have received previously. INDS 1102 and INDS 2100 expose students to the mission of Montreat College as an academically rigorous community dedicated to seeking God's truth in all its aspects and exploring faith in relation to all studies. ENGL 1111 and 1112 ensure that our students possess the writing skills essential to all other college coursework. The General Education core courses also provide a proving ground for the level of scholastic effort required of our students.

In addition to the above core requirements, each student must demonstrate competency in the following areas: mathematical computation, oral expression, reading, writing, and computer literacy. Competency in these areas may be demonstrated as follows:

- **Mathematical Computation Competency:** The study of mathematics at Montreat College prepares students to serve God and neighbor by enhancing their abilities to think logically and solve various kinds of problems by analyzing and interpreting data. Competency may be demonstrated in any of three ways:
  - Minimum grade of C in MATH 1120 or above or equivalent
  - Appropriate CLEP or AP scores, or equivalent class from a regionally accredited institution.

Clarification: Satisfying this competency. The student may choose (a) the math course required by the major – if there is one – which satisfies both requirements or (b) any math course numbered 1120 or higher. Option (b) requires two math courses; one to satisfy this competency and the one required by the major; however, the latter qualifies for one of the two allowed C- grades in the major.

- **Oral Expression Competency** is to prepare graduates who can demonstrate skill in oral communication. Specifically, students will give oral presentations that either inform or persuade. Competency will be achieved when students demonstrate in the context of oral presentations clarity of thought, originality of ideas, organizational techniques, appropriate diction, critical thinking, supporting strategies, and effective delivery. Competency may be demonstrated in any of two ways:
  - Minimum grade of *C* in an oral express course (COMM 1220, ENGL 2510, OREC 3212, THEA 3303, COMM 2202)
  - Equivalent class from a regionally accredited institution
- **Reading Competency** is to produce graduates who can demonstrate effective reading skills. Competency will be achieved when students evidence college-level reading skills including analytical and critical thinking, comprehension, speed, and vocabulary. Reading competency may be demonstrated in either of two ways:
  - Grade of *C* or above in an upper-level literature course
  - Appropriate CLEP or AP scores, or equivalent class from a regionally accredited institution
- **Writing Competency** may be demonstrated in any of four ways:
  - Grades of *C* or above in both ENGL 1111 or ENGL 1131 and ENGL 1112 or 1132
  - Appropriate CLEP or AP scores, or equivalent classes from a regionally accredited institution
  - Accepted transfer credit for ENGL 1111 when student tested out of the ENGL 1112 equivalent at previous school (testing out does *not* include progressing to the ENGL 1112 equivalent after making less than a grade of *C* in the ENGL 1111 equivalent)
- **Computer Skills Competency:** All students enrolled at Montreat College must demonstrate computer competency. Competency may be demonstrated by one of the following completed within the last ten (10) years:
  - Completing CYBR 1131 with a grade of *C* or better
  - Earning a *C* or better on the computer competency exam (CYBR 1131 EX1<sup>1</sup>). Those who pass the exam will earn three (3) credits recorded as a *P* on the academic transcript
  - Equivalent class from a regionally accredited institution.
  - MS Office Suite certification (official documentation required).

Computer competency is understood to include the following skills:

- **Word Processing:** This includes basic formatting and layout skills, including footnotes and endnotes, headers and footers, and integrating pictures and graphs in the text.
- **Spreadsheet:** This includes organizing data, formatting, basic calculations, and developing charts and graphs.
- **Presentation:** This includes incorporating text graphs, pictures, and hyperlinks into a presentation.
- **Internet:** This includes conducting online research and identifying and evaluating credible web sites.
- **E-Learning:** This includes accessing an e-learning program, participating in a discussion group, and posting assignments.
- **E-Mail:** This includes sending and receiving e-mail, sending attachments, and receiving and accessing attachments.

## General Education Core Humanities and Arts

**Humanities courses** are those in disciplines of history, philosophy, biblical studies, languages, literature, communications, and other closely related disciplines. **Arts courses** are those addressing topics in the fine, applied, and performing arts and others closely related to the same. This study enables students to better understand their life and world and, from this broad perspective, to make better decisions for the good of self and society.

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<sup>1</sup> The computer competency exam may only be attempted once.

## General Education Core Natural Sciences

Colossians 1 states: “For in Him [Jesus] all things were created...all things have been created through Him and for Him. He is before all things, and in Him all things hold together.” The study of life and physical sciences helps to intensify a spirit of inquiry and wonder at God’s glory, as revealed in what He has chosen to create, as well as an appreciation of the role of human beings as stewards of that creation.

Montreat College graduates must understand the scientific method and be able to apply scientific principles to interpret, discuss, and create scientific knowledge in ethical and responsible ways that benefit human cultures and natural environments. To be responsible workers, citizens, and consumers, students must expand their understanding of the connections among various natural systems and think through sustainability and other current environmental issues.

## Bachelor of Arts/Bachelor of Science Degree Requirements

Many of Montreat College’s academic programs are built specifically as Bachelor of Arts *or* Bachelor of Science degrees; however, some majors allow the student to choose either the Bachelor of Arts or Bachelor of Science degree. Each degree requires 12 credit hours in the requirements specific to their degree.

### Bachelor of Arts

*In addition to the General Education Core*, students choosing to pursue the Bachelor of Arts degree must demonstrate proficiency in a foreign language through the elementary level (six credit hours) and continue their exploration of culture by completing additional foreign language courses or humanities courses (six credit hours). The BA requirement may be fulfilled via one of the scenarios below:

1. If student passes a foreign language proficiency examination\* through the elementary level *or* completes a foreign language sequence through the elementary level:
  - a. Student earns the equivalent of 6 credit hours in foreign language.
  - b. Student must complete 6 credit hours in humanities or additional foreign language courses. These credits may duplicate credits in the major, minor, or concentration.
2. If student passes a foreign language proficiency examination\* through the intermediate level *or* completes a foreign language sequence through the intermediate level:
  - a. Student earns the equivalent of 12 credit hours in foreign language and has fulfilled the BA requirement.
3. If student graduated from a high school where all instruction was conducted in a language other than English:
  - a. Student is considered to have fulfilled the BA requirement and is not required to take additional classes, as the purpose of the BA requirement is to broaden cultural understanding.

\*Students who complete a proficiency examination at Montreat College are required to take the next level course in order to receive credit for the lower level(s) passed.

NOTE: American Sign Language is a complex language, spoken by as many as 500,000 Americans. Throughout the state of North Carolina and the United States in general, ASL is often accepted in fulfillment of foreign language requirements. While Montreat College does not offer courses in ASL, students may transfer collegiate-level credits in ASL for use toward Bachelor of Arts, humanities, or elective credit requirements.

### Bachelor of Science

Students who choose to pursue the Bachelor of Science degree must complete an additional 12 credit hours beyond the General Education Core of coursework in mathematics, science, business, exercise science, or cybersecurity.

Course reuse: Courses selected to meet this requirement (a) will not satisfy General Education requirements, but (b) can satisfy course requirements in the major, minor or concentration.

## Accounting Major

<b>Accounting Major for the Bachelor of Science.....</b>	<b>120</b>
General Education Curriculum .....	55
Oral Expression Course for the Major.....	3
ENGL 2510 Business/Managerial Communication <sup>1</sup> .....	3
Balance of General Education .....	52
Recommended Preparatory Courses.....	9
These courses are considered foundational to the major. Though not required, they are strongly recommended.	
BUSN 1101 Introduction to Business.....	3
BUSN 2301 Principles of Marketing .....	3
BUSN 2401 Principles of Management.....	3
Major Curriculum.....	48
Complete each of the following:	
BUSN 3502 Business Ethics .....	3
BUSN 3506 Business and the Legal Environment.....	3
BUSN 2622 Economics for Decision-Makers.....	3
BUSN 3667 Money, Markets, and the Economic Environment.....	3
ENGL 2510 Business/Managerial Communications.....	(3)
BUSN 2201 Principles of Accounting I.....	3
BUSN 2202 Principles of Accounting II.....	3
BUSN 2614 Quantitative Methods .....	3
BUSN 3202 Corporate Finance.....	3
BUSN 3210 Intermediate Accounting I .....	3
BUSN 3217 Accounting Information Systems .....	3
BUSN 3220 Intermediate Accounting II .....	3
BUSN 3255 Managerial Accounting .....	3
BUSN 4205 Advanced Accounting .....	3
BUSN 4234 Federal Income Tax .....	3
BUSN 4247 Auditing .....	3
BUSN 4277 Accounting Ethics, Law, and Regulation (Capstone).....	3
Free Electives.....	8

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<sup>1</sup> ENGL 2510 meets both the General Education oral expression requirement and a major requirement. The hours are counted in General Education and not in the major curriculum.

## Adventure-Based Counseling Minor

The minor in Adventure-Based Counseling (20-22 hours) combines existing courses from Outdoor Recreation Studies (OREC), Psychology (PSYC), and Human Services (HUMA) into a unique program of study. Adventure-Based Counseling and the closely related field of Adventure Therapy are two areas of ORS that are growing very quickly. This minor will provide a basic understanding of adventure-based counseling for those OREC, PSYC, and HUMA students interested in pursuing a master's degree in a related area.

<b>Adventure-Based Counseling Minor Curriculum .....</b>	<b>20-22</b>
<b>GROUP A – Required Courses.....</b>	<b>15</b>
Complete each of the following:	
PSYC 1100      Psychology Applied to Modern Life .....	3
OREC 1120      Facilitating Outdoor Recreation Experiences .....	2
OREC 1241      Facilitating Low Challenge Courses .....	1
OREC 3430      Survey of Adventure Based Counseling .....	3
PSYC 4100      Theories and Principles of Counseling .....	3
SOC1 4110      Counseling Adolescents and Families.....	3
<b>GROUP B – Practicum/Field Experience.....</b>	<b>2</b>
Choose one of the following:	
PSYC 3071      Practicum.....	2
OREC 1511      Outdoor Recreation Studies Field Experience I.....	1
OREC 1512      Outdoor Recreation Studies Field Experience II .....	1
<b>GROUP C - Outdoor Recreation Studies.....</b>	<b>4</b>
Choose one of the following:	
OREC 1130      Discovery Wilderness Expedition (1 <sup>st</sup> Year Requirement) .....	4
OREC 2221      Outdoor Living Skills.....	4

## Art Minor

The Art minor offers a strong foundation in the classical methods of learning visual art-making processes. In each studio course, the elements and principles of visual art are approached through observation, interpretation and response. Although formalism is taught and encouraged, it is woven into the resulting artwork rather than standing alone as “abstract.” By this method of learning, the faculty and student have a common source, similarly perceived, which guides the process of decision-making and problem solving when creating works of art.

Student minoring in Art are required to participate in the Art Showcase as part of ARTS 4220

### **Art Minor Curriculum ..... 18**

The following courses are best taken in numerical sequence.

Group A – Surveys.....	3
Choose one class:	
ARTS 1111      Survey of Art I.....	3
ARTS 1112      Survey of Art II.....	3
Group B – Drawing .....	3
Choose one class: .....	
ARTS 2311      Drawing I.....	3
ARTS 3312      Drawing II.....	3
Group C – Required Courses .....	12
Complete each of the of the following:	
ARTS 3610      Graphics and Photojournalism.....	3
ARTS 4220      Seminar in Art .....	3
COMM 3349      Graphic Design & Visual Literacy.....	3
COMM 3350      Photography & Digital Imaging .....	3

## **Bible and Ministry Majors**

The Bible and Ministry programs of study prepare students to pursue graduate studies in a broad range of fields as well as to prepare them to work with children, youth, and families in a variety of organizations both in the United States and other cross-cultural contexts.

### **The Bible and Ministry Discipline**

The Bible and Ministry department offers two degrees: Bachelor of Arts in Bible and Theology or Bachelor of Science in Christian Ministries. The B.S. in Christian Ministries offers two areas of concentration: Church and Culture and Youth and Family. Students in the Christian Ministries major should Choose an area of concentration that reflects their specialized interest.

The Bible and Theology program is designed to prepare students to enter theological seminaries or graduate schools of religion. This major requires the use of the Greek New Testament by the senior year and a senior thesis and provides instruction and mentoring from a distinctively Reformed perspective.

The Christian Ministries major develops skills in three essential areas: biblical, theoretical, and practical. It provides a balance of instruction in biblical studies, ministry and education leadership, worldview studies, counseling, communication, and understanding of people of varying ages within a cultural context that is rooted in a Reformed theology.

### **Why Study Bible and Ministry at Montreat College?**

Montreat College provides a unique mentoring environment that facilitates interaction between students and faculty both in and outside the classroom context. The department's commitment to exploring the relationship between faith and learning, alongside the relevance of the Christian faith for all disciplines of study, provides learners with a rich liberal arts experience to prepare them for graduate study or a wide range of occupations. The departmental faculty challenges students academically, assisting them in wrestling with the spiritual and practical implications of the subject matter. The full-time faculty is complemented by part-time and adjunct faculty who share the College's and department's mission, providing specific expertise to enhance the educational experience.

### **After Graduation**

Students who graduate with a degree from the Bible and Ministry department are free to pursue a wide spectrum of career choices. Some students enter the ministry by continuing their education in seminary and/or seeking ordination by their denomination. Others build on the knowledge and skills they acquired from the Bible and Ministry majors by entering careers in education, law, criminal justice, psychology, and counseling. Regardless of what goals are chosen, Bible and Ministry majors prepare one for a career and a lifestyle guided by Biblical faith.

### **Bible and Theology Major**

#### **Requirements for a B.A. in Bible and Theology**

- General degree requirements (page 63)
- Specific Degree Requirements
  - Bible and Ministry Departmental Exam<sup>1</sup> (Minimum passing score: 75)

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<sup>1</sup> The departmental exam is offered at the end of each semester. It is administered when the student enters the senior year.

**Bible and Theology Major for Bachelor of Arts.....120**

General Education Curriculum ..... 55

Major Curriculum..... 48

Group A – Required .....36

Complete each of the following:

BIBL 2201 Old Testament Theology..... 3

BIBL 2202 New Testament Theology ..... 3

THEO 2401 Christian Doctrine ..... 3

THEO 3421 Contemporary Theologies..... 3

BIBL 3305 Biblical Interpretation..... 3

GREK 2201 New Testament Greek I ..... 3

GREK 2202 New Testament Greek II ..... 3

GREK 3203 Greek Grammar and Syntax..... 3

GREK 3204 Greek Exegesis..... 3

HIST 3300 History of Christianity ..... 3

PHIL 2401 Introduction to Philosophy ..... 3

PHIL 4403 Philosophy of Religion and Apologetics ..... 3

Group B – Guided Options..... 12

Choose four courses from the following:

BIBL 2308 Gospels..... 3

BIBL 2309 Epistles ..... 3

BIBL 3302 Romans..... 3

BIBL 3303 Prophetic Literature of the Old Testament..... 3

BIBL 3308 Apocalyptic Literature ..... 3

BIBL 3351 Biblical Studies Abroad ..... 3

CHCU 3506 World Religions ..... 3

PHIL 2410 Logic ..... 3

PHIL 3401 Ethics ..... 3

Free Electives..... 17

**Bible and Theology Minor**

The Bible and Theology minor is designed to assist students to strengthen their understanding of the Bible and explore the relationship between it and their major discipline. It seeks to prepare students to be biblically informed agents of renewal and reconciliation in the world.

**Bible and Theology Minor Curriculum<sup>1</sup>..... 18**

From Bible and Theology Major (above), choose courses from these groups:

Group A - Bible and Theology or Greek Courses ..... 12

Group B - Christian Ministries Courses ..... 6

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<sup>1</sup> Upper-Level Course Requirement (courses numbered 3000 or higher): 12 (minimum)

## Biology Major

The Biology program of study prepares students to understand the fundamental concepts and methodologies of the biological sciences, to engage in scientific research, and to investigate the relationships between biology and other fields of study, including social and environmental sciences. The biology program prepares students for numerous careers in specific areas of applied biology such as medical (including pre-medicine and pre-veterinary), agricultural, and environmental fields. In addition, the program includes components that target a student's preparation for successful graduate studies.

### The Biology Discipline

Defined simply, biology is the study of life. The 21<sup>st</sup> century world will have to find solutions for many biological and environmental issues. Those biologists most capable of devising these solutions will understand the connections between biological knowledge and other scientific disciplines such as chemistry, geology, physics, meteorology, and climatology.

### Why Study Biology at Montreat College?

At Montreat College, the biology major is uniquely developed with a Christ-centered approach and small, intimate classes. Within the department, the faculty is highly accessible and genuine in their approach to students. The faculty works directly with students in developing research projects and career opportunities that are congruent with the student's goals, while additionally providing connections with the Au Sable Environmental Institute, the Council for Christian Colleges and Universities, and the Appalachian College Association.

Set in the Southern Appalachian Mountains, adjacent to the Pisgah National Forest, Montreat College is equally adept at immersing the student into the subject matter. Students have the opportunity to learn experientially, whether inside the classroom or in the outdoors. Yet, those trained in biology must have more than a solid understanding of basic principles. They must possess an understanding of the ethical and worldview implications involved in the application of biological knowledge. Montreat College students are challenged to understand these implications through discussions and inquiry.

The biology major allows much room for individualization. Possible academic choices include the Pre-Professional Biology and Applied Biochemical Technology Concentrations, which can be augmented by the honors track or professional honors track, the Environmental Biology Concentration, the Integrated Preparation for ABSN, and the Special Emphasis (self-designed) Concentration. These options ensure a well-tailored education for any student.

### After Graduation

With a comprehensive education in biology, students are prepared to enter such fields as field biology, ecology, applied research, teaching, environmental biology, and many other possible career paths. The biology program also equips students for graduate school in a variety of disciplines, including veterinary medicine, biology, ecology, and medicine.

### Requirements for a Bachelor of Science in Biology

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Upper-Level Course Requirement (27 hours) must be in the disciplines of BIOL, CHEM, ENSC, or MATH
  - Major Field Test

### Choose from these Biology concentrations:

<u>Concentrations</u>	<u>Hours</u>
Pre-Professional.....	25-26
Applied Biochemical Technology.....	26
Environmental Biology.....	20-23
Integrated Preparation for Accelerated Baccalaureate of Science in Nursing (IPABSN).....	16-18
Special Emphasis.....	(minimum) 22

### Pre-Professional Concentration

The Pre-professional concentration offers a wide range of courses designed to prepare students for entrance into biological and related graduate programs, medical school, veterinary school, dental school programs, and other professional or graduate schools.

**Biology Major with Pre-Professional Concentration for Bachelor of Science.....121-122**

General Education Curriculum <sup>1</sup> .....	56
Biology Courses for Major .....	8
Pair A – Biological Principles I.....	4
Choose one lecture/lab pair from the following:	
BIOL 1111, 1101      Survey of Biological Principles I and Lab .....	4
BIOL 1123, 1103      Advanced Survey of Biological Principles I and Lab .....	4
Pair B – Biological Principles II .....	4
Choose one lecture/lab pair from the following:	
BIOL 1112,1102      Survey of Biological Principles II and Lab .....	4
BIOL 1124,1104      Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
BIOL 3711              Biostatistics .....	3
Balance of General Education Curriculum .....	45
Major Curriculum.....	40
Group A – Required Courses .....	36
BIOL 2322, 2302      Animal Diversity and Ecology .....	4
BIOL 2323              Plant Diversity and Ecology .....	3
BIOL 3711              Biostatistics <sup>2</sup> .....	(3)
BIOL 3231              Plant Physiology .....	3
BIOL 3421, 3401      Cell Biology and Lab.....	4
BIOL 4511, 4501      Genetics and Lab.....	4
CHEM 1111, 1101      General Chemistry I and Lab .....	4
CHEM 1112, 1102      General Chemistry II and Lab .....	4
ENSC 2211, 2201      Ecology and Lab .....	4
ENSC 2611              Sophomore Science Seminar I .....	1
ENSC 4611              Senior Science Seminar .....	1
MATH 1511              Applied Calculus I .....	4
Group B – Required Course Options .....	4
Choose one of the following:	
BIOL 2211, 2201      Human Anatomy and Physiology I and Lab.....	4
BIOL 3031              Advanced Human Anatomy & Physiology <sup>3</sup> .....	4

<sup>1</sup> The standard General Education Curriculum is 55 hours. The biology major adds an additional one-hour lab raising the total to 56 hours.

<sup>2</sup> This course satisfies a requirement in both General Education math and the major's core. It is tallied in the General Education curriculum.

<sup>3</sup> Recommended for this concentration.

Concentration Curriculum – Pre-Professional.....	25-26
Group C – Required Concentration Courses.....	22
Complete each of the following:	
BIOL 3811            Research Methods .....	3
BIOL 4821            Contemporary Biological Investigations .....	3
CHEM 3203            Organic Chemistry Lab .....	1
CHEM 3204            Advanced Organic Chemistry Lab .....	1
CHEM 3213            Organic Chemistry I .....	3
CHEM 3214            Organic Chemistry II .....	3
MATH 1512            Applied Calculus II .....	4
PHYS 1311,1301        College Physics I and Lab <sup>1</sup> .....	4
Group D – Concentration Courses .....	3-4
Choose one of the following:	
BIOL 4621/4601        Microbiology and Lab .....	4
BIOL 4331            Conservation Biology .....	3
BIOL 4721, 4701        Biochemistry I, Biochemistry I Lab.....	3,1
CHEM 3711            Chemistry of the Environment I .....	3
ENSC 3211/3201        Freshwater Ecosystems and Lab .....	4

Montreat offers the exceptional student two opportunities to earn academic recognition in the Biology Major - Pre-Professional Concentration. Each is outlined below.

### Honors Distinction

Honors recognition will be indicated on the student’s transcript. Students pursuing this option must meet the following requirements in addition to those listed above:

- Complete an acceptable research proposal by the end of the fall semester of the junior year.
- Complete six semester hours of independent research (ENSC/BIOL 3811 and ENSC/BIOL 4091 or BIOL 4080 or BIOL 4081).
- Orally present research findings prior to graduation.
- Complete an additional nine semester hours of courses specific to the concentration.

### Professional Honors Distinction

This option is designed to challenge students of an advanced academic ability by providing a program of study involving a unique set of courses and distinguished research. Completion of this program will be indicated as “Professional Honors” on the transcript. Those pursuing this option must complete all the requirements for the honors option (above), including the selection of BIOL 4621, 4601, BIOL 4721, 4701, CHEM 3712, and PHYS 1312, 1302 for the fourth requirement in the honors option, plus submit a publication-quality research manuscript based on their independent research project.

### Applied Biochemical Technology Concentration

The Applied Biochemistry Technology track is a customized investigation of technologies in Biology and Chemistry that are designed around the interests of the student. The student develops a research project that will make a significant contribution in addressing an issue in our world.

The unique student research within our Biology program is initiated in the sophomore year (when the student enters the program) and continues as a component within many courses through the senior year. This broad based, extensive research project brings distinction to our biology students. The student directing their interests towards technology can extend this project work into our technology track and develop significant research contributions in responsible biochemical technologies.

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<sup>1</sup> PHYS 1312/1302 College Physics II and Lab is also recommended (4).

**By the completion of Junior Year and Summer:** Official acceptance and entrance into the Biology Applied Biochemical Technology Program is earned by completing the following:

1. Biotechnology Research Project is approved and included within a grant that is either successfully funded or monies are available to continue the student's work in the track program.
2. Meet with a faculty member during the sophomore or junior year to journal and develop the following topics: Ethics/Faith, Development/Project Development/Grant Writing/Required Grant Funding
3. Summer Biotechnology Certificate or Specified Training Established

**Note:** If any component of the junior year requirements is not fulfilled, the student is not allowed to continue and must meet with an advisor and make plans to enter another Biology track program.

**Biology Major with Applied Biochemical Technology Concentration for Bachelor of Science.....122**

General Education Curriculum <sup>1</sup> .....	56
Courses for Major .....	8
Pair A – Biological Principles I.....	4
Choose one lecture/lab pair from the following:	
BIOL 1111, 1101 Survey of Biological Principles I and Lab.....	4
BIOL 1123, 1103 Advanced Survey of Biological Principles I and Lab.....	4
Pair B – Biological Principles II .....	4
Choose one lecture/lab pair from the following:	
BIOL 1112/1102 Survey of Biological Principles II and Lab .....	4
BIOL 1124/1104 Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
BIOL 3711              Biostatistics .....	3
Balance of General Education Curriculum .....	45
Major Curriculum.....	40
Group A – Required Courses .....	36
BIOL 2322, 2302      Animal Diversity and Ecology .....	4
BIOL 2323              Plant Diversity and Ecology .....	3
BIOL 3231              Plant Physiology .....	3
BIOL 3421, 3401      Cell Biology and Lab.....	4
BIOL 3711              Biostatistics <sup>2</sup> .....	(3)
BIOL 4511, 4501      Genetics and Lab.....	4
CHEM 1111, 1101      General Chemistry I and Lab .....	4
CHEM 1112, 1102      General Chemistry II and Lab .....	4
ENSC 2211, 2201      Ecology and Lab .....	4
ENSC 2611              Sophomore Science Seminar I .....	1
ENSC 4611              Senior Science Seminar .....	1
MATH 1511              Applied Calculus I .....	4

<sup>1</sup> The standard General Education Curriculum is 55 hours. The Biology major adds an additional one-hour lab raising the total to 56 hours.

<sup>2</sup> This course satisfies a requirement in both General Education math and the major's core. It is tallied in the General Education curriculum.

Group B – Required Course Options .....	4
Choose one of the following:	
BIOL 2211, 2201      Human Anatomy and Physiology I and Lab.....	4
BIOL 3031            Advanced Human Anatomy & Physiology <sup>1</sup> .....	4
Concentration Curriculum – Applied Biochemical Technology.....	26
Group C – Required Concentration Courses.....	26
Complete each of the following:	
BIOL 3811            Research Methods .....	3
BIOL 4621, 4601    Microbiology and Lab .....	4
BIOL 4721, 4701    Biochemistry I, Biochemistry I Lab.....	3,1
BIOL 4821            Contemporary Biological Investigations .....	3
CHEM 3203            Organic Chemistry Lab .....	1
CHEM 3204            Advanced Organic Chemistry Lab .....	1
CHEM 3213            Organic Chemistry I.....	3
CHEM 3214            Organic Chemistry II.....	3
PHYS 1311,1301      College Physics I and Lab .....	4
Concentration Recommended Courses	
MATH 1512            Applied Calculus II.....	4
PHYS 1312, 1302    College Physics II and Lab.....	4
CHEM 3711            Environmental Chemistry I.....	3
CHEM 3712            Environmental Chemistry II.....	3
BIOL 4722/4702      Biochemistry II and Lab.....	3/5
CHEM 4911            Physical Chemistry.....	3

Montreat offers the exceptional student two opportunities to earn academic recognition in the Biology Major - Applied Biochemical Technology Concentration . Each is outlined below.

### Honors Distinction

Honors recognition will be indicated on the student’s transcript. Students pursuing this option must meet the following requirements in addition to those listed above:

- Complete an acceptable research proposal by the end of the fall semester of the junior year.
- Complete six semester hours of independent research (ENSC/BIOL 3811 and ENSC/BIOL 4091 or BIOL 4080 or BIOL 4081).
- Orally present research findings prior to graduation.
- Complete an additional nine semester hours of courses specific to the concentration.

### Professional Honors Distinction

This option is designed to challenge students of an advanced academic ability by providing a program of study involving a unique set of courses and distinguished research. Completion of this program will be indicated as “Professional Honors” on the transcript. Those pursuing this option must complete all the requirements for the honors option (above), including the selection of BIOL 4621, 4601, BIOL 4721, 4701, CHEM 3712, and PHYS 1312, 1302 for the fourth requirement in the honors option, plus submit a publication-quality research manuscript based on their independent research project.

### Environmental Biology Concentration

The Environmental Biology concentration offers a wide range of courses designed to prepare students for entrance into such fields as biology, ecology, field research, and many other possible career paths. The concentration also equips students for graduate school in a variety of disciplines, including biology, ecology, and botany.

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<sup>1</sup> Recommended for this concentration.

**Biology Major with Environmental Biology Concentration for Bachelor of Science.....120**

General Education Curriculum <sup>1</sup> .....	56
Courses for Major .....	8
Pair A – Biological Principles I.....	4
Choose one lecture/lab pair from the following:	
BIOL 1111, 1101    Survey of Biological Principles I and Lab .....	4
BIOL 1123, 1103    Advanced Survey of Biological Principles I and Lab .....	4
Pair B – Biological Principles II .....	4
Choose one lecture/lab pair from the following:	
BIOL 1112/1102    Survey of Biological Principles II and Lab .....	4
BIOL 1124/1104    Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
BIOL 3711    Biostatistics .....	3
Balance of General Education Curriculum .....	45
Major Curriculum.....	40
Group A – Required Courses .....	36
BIOL 2322, 2302    Animal Diversity and Ecology .....	4
BIOL 2323    Plant Diversity and Ecology .....	3
BIOL 3231    Plant Physiology .....	3
BIOL 3421, 3401    Cell Biology and Lab.....	4
BIOL 3711    Biostatistics <sup>2</sup> .....	(3)
BIOL 4511, 4501    Genetics and Lab.....	4
CHEM 1111, 1101    General Chemistry I and Lab .....	4
CHEM 1112, 1102    General Chemistry II and Lab .....	4
ENSC 2211, 2201    Ecology and Lab .....	4
ENSC 2611    Sophomore Science Seminar I .....	1
ENSC 4611    Senior Science Seminar .....	1
MATH 1511    Applied Calculus I .....	4
Group B – Required Course Options .....	4
Choose one of the following:	
BIOL 2211, 2201    Human Anatomy and Physiology I and Lab.....	4
BIOL 3031    Advanced Human Anatomy & Physiology .....	4
Concentration Curriculum – Environmental Biology .....	20-23
Group C – Required Concentration Courses.....	11
Complete each of the following:	
BIOL 3811    Research Methods .....	3
CHEM 3203    Organic Chemistry Lab.....	1
CHEM 3213    Organic Chemistry I.....	3
PHYS 1311,1301    College Physics I and Lab .....	4

<sup>1</sup> The standard General Education Curriculum is 55 hours. The Biology major adds an additional one-hour lab raising the total to 56 hours.

<sup>2</sup> This course satisfies a requirement in both General Education math and the major's core. It is tallied in the General Education curriculum.

Group D - Concentration Selected Courses ..... 9-12

Choose 3-4 courses from the following disciplines in consultation with the advisor:  
BIOL CHEM ENSC MATH PHYS

Free Electives .....1-4

### **Integrated Preparation for Accelerated Baccalaureate of Science in Nursing Concentration**

The IP for ABSN [Pre-Nursing] track is a customized to provide entrance to an Accelerated Baccalaureate of Science in Nursing [ASBN] program so that the student interested in nursing can receive a Biology degree that has integrated the prerequisite courses required by most ABSN or second degree programs around the country. The student is allowed to customize the Biology concentration to suit the admission requirements of the ABSN program with which the student wishes to link their Montreat College Biology degree. This accommodates the slight variances in prerequisite courses for different ABSN programs. Most ABSN programs require a 12-month period to meet the requirements of this second undergraduate degree. Some of the Pre-Nursing track courses are taken at community colleges or online through other institutions, as approved by a Montreat College faculty advisor and is specific to the student's ABSN program Selection.

### **Biology Major with IP for ABSN Concentration for Bachelor of Science ..... 120**

General Education Curriculum<sup>1</sup> ..... 56

Courses for Major ..... 8

Pair A – Biological Principles I .....4

Choose one lecture/lab pair from the following:

BIOL 1111, 1101 Survey of Biological Principles I and Lab .....4

BIOL 1123, 1103 Advanced Survey of Biological Principles I and Lab .....4

Pair B – Biological Principles II .....4

Choose one lecture/lab pair from the following:

BIOL 1112/1102 Survey of Biological Principles II and Lab .....4

BIOL 1124/1104 Advanced Survey of Biological Principles II and Lab .....4

Math for Major ..... 3

MATH 1220 Elementary Probability and Statistics ..... 3

Balance of General Education Curriculum ..... 45

Major Curriculum ..... 39

Group A – Required Courses .....35

BIOL 2322, 2302 Animal Diversity and Ecology .....4

BIOL 2323 Plant Diversity and Ecology ..... 3

BIOL 3231 Plant Physiology ..... 3

BIOL 3421, 3401 Cell Biology and Lab .....4

BIOL 4511, 4501 Genetics and Lab .....4

CHEM 1111, 1101 General Chemistry I and Lab .....4

CHEM 1112, 1102 General Chemistry II and Lab .....4

ENSC 2211, 2201 Ecology and Lab .....4

ENSC 2611 Sophomore Science Seminar I ..... 1

ENSC 4611 Senior Science Seminar ..... 1

MATH 1220 Elementary Probability and Statistics<sup>2</sup> ..... (3)

<sup>1</sup> The standard General Education Curriculum is 55 hours. The Biology major adds an additional one-hour lab raising the total to 56 hours.

<sup>2</sup> This course satisfies a requirement in both General Education math and the major's core. It is tallied in the General Education curriculum.

Group B – Required Course Options .....	4
Choose one of the following:	
BIOL 2211, 2201      Human Anatomy and Physiology I and Lab.....	4
BIOL 3031            Advanced Human Anatomy & Physiology .....	4
Concentration Curriculum – IP for Accelerated Bachelor of Science in Nursing.....	16-18
Group C – Required Concentration Courses.....	7
Complete each of the following:	
BIOL 4621, 4601      Microbiology and Lab .....	4
HLSC 2411            Human Nutrition .....	3
Group D – Concentration Selected Courses .....	3
Choose one of the following:	
PSYC 1200            General Psychology.....	3
PSYC 1100            Psychology Applied to Modern Life .....	3
Group E - Concentration Elective Courses .....	6-8
Choose minimum of six hours from the following (limit 1 PSYC course):	
BIOL 4721, 4701      Biochemistry I, Biochemistry I Lab .....	3,1
CHEM 3203            Organic Chemistry Lab.....	1
CHEM 3213            Organic Chemistry I.....	3
PSYC 2100            Child and Adolescent Development.....	3
PSYC 2110            Adult Development and Aging.....	3
Free Electives.....	6-8
Pathophysiology [Fulfilled at another institution with prerequisite qualifications]	
Global Health Care Issues [Fulfilled at another institution with prerequisite qualifications]	

### Special Emphasis Concentration

Students may transfer a set of courses from other institutions, study abroad and certification programs (e.g., Au Sable Institute), or complete courses in other departments at Montreat College to fulfill the requirements of this emphasis. Students develop the special emphasis curriculum in consultation with the faculty advisor. The advisor and the Natural Science Department must approve a formal proposal of emphasis requirements by the end of the student's sophomore year.

### Special Emphasis Concentration

Minimum of six (6) courses totaling at least 22 credit hours, selected in consultation with faculty advisor.

*In addition to the student developing their own program, below are a few pre-approved Special Emphasis programs:*

#### Pre-Approved special Emphasis Programs of study with Au Sable Institute

Au Sable Institute of Environmental Studies' Certificate Program [<http://www.ausable.org>] is pre-approved as Special Emphasis Concentration plans of study. The student choosing an Au Sable certificate program must adhere to the Au Sable certification guidelines and fulfill all components of the certification program and Special Emphasis requirements. The student must be awarded the certificate by Au Sable. All six courses can be pursued at Au Sable, but if a certification program does not provide the full complement of 6 courses, the additional courses can be pursued at Montreat College or other approved institution. Final plans of how all components of the Special Emphasis are to be fulfilled are prepared with your department advisor and submitted to the department faculty for approval.

#### Pre-Approved Au Sable Institute Certification Programs:

- Certified Naturalist
- Certified Land Resources Analyst
- Certified Water Resources Analyst
- Certified Environmental Analyst

**Biology Major with Special Emphasis Concentration for Bachelor of Science ..... 120**

General Education Curriculum <sup>1</sup> .....	56
Courses for Major .....	8
Pair A – Biological Principles I.....	4
Choose one lecture/lab pair from the following:	
BIOL 1111, 1101    Survey of Biological Principles I and Lab.....	4
BIOL 1123, 1103    Advanced Survey of Biological Principles I and Lab.....	4
Pair B – Biological Principles II.....	4
Choose one lecture/lab pair from the following:	
BIOL 1112/1102    Survey of Biological Principles II and Lab .....	4
BIOL 1124/1104    Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
BIOL 3711        Biostatistics .....	3
Balance of General Education Curriculum .....	45
Major Curriculum .....	40
Group A – Required Courses .....	36
BIOL 2322, 2302    Animal Diversity and Ecology .....	4
BIOL 2323        Plant Diversity and Ecology.....	3
BIOL 3231        Plant Physiology .....	3
BIOL 3421, 3401    Cell Biology and Lab.....	4
BIOL 3711        Biostatistics <sup>2</sup> .....	(3)
BIOL 4511, 4501    Genetics and Lab.....	4
CHEM 1111, 1101    General Chemistry I and Lab .....	4
CHEM 1112, 1102    General Chemistry II and Lab .....	4
ENSC 2211, 2201    Ecology and Lab .....	4
ENSC 2611        Sophomore Science Seminar I.....	1
ENSC 4611        Senior Science Seminar .....	1
MATH 1511        Applied Calculus I .....	4
Group B – Require Course Options.....	4
Choose one of the following:	
BIOL 2211, 2201    Human Anatomy and Physiology I and Lab.....	4
BIOL 3031        Advanced Human Anatomy & Physiology.....	4
Concentration Curriculum – Special Emphasis .....	(minimum) 22
Group C – Required Concentration Courses.....	22-24
Complete six courses as agreed upon with the academic advisor:	
Course 1 .....	3 or 4
Course 2 .....	3 or 4
Course 3.....	4
Course 4 .....	4
Course 5.....	4
Course 6 .....	4
Free Electives .....	(if needed) 1-2

<sup>1</sup> The standard General Education Curriculum is 55 hours. The Biology major adds an additional one-hour lab raising the total to 56 hours.

<sup>2</sup> This course satisfies a requirement in both General Education math and the major's core. It is tallied in the General Education curriculum.

## Biology Minor

<b>Required Courses</b> .....	<b>20</b>
Group A: Complete each of the following .....	8
BIOL 1111 Survey of Biological Principles I .....	4
BIOL 1201 Biological Principles I Lab.....	0
BIOL 1112 Survey of Biological Principles II .....	4
BIOL 1102 Biological Principles II Lab.....	0
Group B: Electives - Biology .....	4
Chose courses totaling four hours from BIOL courses	
Group C: Electives – Biology, Chemistry, and Environmental Science .....	8
Chose courses totaling eight hours from BIOL, CHEM, and/or ENSC	

## **Business Administration Major**

The Bachelor of Science in Business Administration offers concentrations in International Business, Cybersecurity, Management, Marketing, and Sports Management. A Bachelor of Science in Music Business is also offered. See **Music Business (MBUS)**.

### **Business Department Mission Statement**

The mission of the Business Department is to equip students with knowledge necessary for them to serve in today's competitive business environment and to cultivate in all students, at all levels, (undergraduate and graduate) an entrepreneurial and ethical spirit in their approaches to business decision making.

### **Bachelor of Science (BS) in Business Administration Degree Mission Statement**

The Montreat College Bachelor of Science in Business Administration program graduates students that possess a sound Christian worldview and are prepared to make an immediate and continuing contribution in a market-driven, free enterprise economy and/or attend graduate school if desired.

### **BS in Business Administration Program Goals**

1. Ability to integrate their Christian worldview and ethics in business decision-making.
2. Proficiency and confidence in applying servant leadership.
3. Technical ability in business functional areas.
4. Effective oral and written skills in business communication.
5. Critical thinking, analytical, and business making skills in business.

### **The Business Discipline**

There is a strong argument that everyone needs to have some business education. Whatever one does in his/her professional life, the chances are that it will involve some 'business.' Scientists, engineers, even artists, will inevitably have to understand at least the basics of business, and probably a lot more. Further, companies of the future will consist of teams, groups of specialists who work together on a specific project and then disband. One of the consequences of this reality is that many more people, whatever their specialty, will need to understand more about the opportunities and constraints of various aspects of business: accounting, management, economics, finance, information systems, and quantitative analysis. The combination of specialist qualification and practical business knowledge is becoming vital.

### **Why Study Business at Montreat College?**

The program builds upon Montreat College's strong liberal arts core with professional training in business administration designed to prepare students for entry-level professional positions in a variety of business organizations. Our unique approach to teaching combines the theoretical with the practical, as all faculty bring extensive business experience to the classroom. Advanced classes are typically small, providing significant personal attention and one-on-one time with professors. Classroom instruction is often augmented with outside business speakers and plant/facility visits. In many courses, student projects involve solving problems and providing services to actual real-world business organizations. Additionally, all students will complete at least one internship in the industry in which they desire to seek employment after graduation.

### **After Graduation**

The Bachelor of Science in Business Administration prepares students for a wide variety of entry-level professional positions in both for-profit and not-for-profit business organizations, depending on the student's area of concentration. For example, students concentrating in Marketing can pursue careers in Advertising, Sales, Market Research, Retailing, Public Relations, and Product Management. Students concentrating in International Business are primed to work for global firms doing business in foreign countries. Students concentrating in Sports Management develop expertise in business management with an orientation toward the world of sports, and thus are equipped to manage sports and recreation programs. Many of these business fields offer strong prospects for continued job growth with excellent earnings potential, and broad opportunities to influence others for Christ.

**Choose from these Business concentrations:**

<u>Concentrations</u>	<u>Hours</u>
Cybersecurity .....	18
International Business .....	30
Management .....	15
Marketing.....	15
Music Business .....	18
Sports Management.....	26
Special Emphasis .....	15

**Business Administration Major with Cybersecurity Concentration for Bachelor of Science**

**Requirements for a Bachelor of Science in Business Administration**

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Major Field Test

**Business Administration Major with Cybersecurity Concentration for Bachelor of Science.....120**

General Education Curriculum .....	55
Math Course for the Major .....	3
MATH 1220    Elementary Probability and Statistics .....	3
Social Science Course for the Major .....	3
BUSN 2601    Macroeconomics.....	3
Oral Express Course for the Major .....	3
ENGL 2510    Business Communication.....	3
Balance of General Education Curriculum .....	46
Major Curriculum.....	40
Group A – Required Courses	
Complete each of the following:	
BUSN 1101    Introduction to Business.....	3
BUSN 2201    Principles of Accounting I.....	3
BUSN 2202    Principles of Accounting II.....	3
BUSN 2602    Microeconomics.....	3
BUSN 2401    Principles of Management.....	3
BUSN 2614    Quantitative Methods .....	3
BUSN 2301    Principles of Marketing .....	3
BUSN 3202    Corporate Finance.....	3
BUSN 3502    Business Ethics .....	3
BUSN 3506    Business and the Legal Environment .....	3
INDS 3610    Pre-Internship.....	1
BUSN 4071    Internship .....	3
BUSN 4421    Strategic Management.....	3
CYBR 1142    Fundamentals of Information Systems .....	3
Concentration Curriculum - Cybersecurity.....	18
Group B – Required Concentration Courses.....	12
CYBR 1111    Introduction to Computer Hardware.....	3
CYBR 1121    Introduction to Operating Systems .....	3

CYBR 2221	Introduction to Computer Networking.....	3
CYBR 2311	Computer and Systems Security.....	3
Group C – Cybersecurity Electives .....		6
Choose six hours from the following:		
CYBR 1211	Introduction to Computer Programming .....	3
CYBR 2122	Linux Operating Systems and Security .....	3
CYBR 2212	Introduction to Secure Scripting.....	3
CYBR 2213	Database Programming .....	3
CYBR 2222	Network Defense.....	3
CYBR 2332	Cyber Defense I: Securing Windows Environment.....	2
CYBR 2334	Introduction to Digital Forensics .....	2
CYBR 3071	Internship I .....	1-3
CYBR 3312	Principles of Cybersecurity .....	3
CYBR 3214	Introduction to Secure Mobile App & Web Development .....	3
CYBR 3321	The 3 C's: Cybercrime, Cyberlaw & Cyberethics .....	3
CYBR 3332	Cyber Defense II: Securing the Network.....	2
CYBR 3511	Management & Governance of Cybersecurity.....	3
CYBR 3512	Project Management in IT and Cybersecurity .....	3
CYBR 3521	Network Defense and Countermeasures.....	3
CYBR 4071	Internship II .....	1-3
CYBR 4541	Introduction to Penetration Testing .....	3
CYBR 4542	Incident Response and Contingency Planning.....	3
Free Electives.....		7

**Business Administration Major with International Business Concentration for Bachelor of Science ....125**

General Education Curriculum .....		55
Math Course for the Major .....		3
MATH 1220	Elementary Probability and Statistics .....	3
Social Science Course for the Major.....		3
BUSN 2601	Macroeconomics .....	3
Oral Express Course for the Major .....		3
ENGL 2510	Business Communication .....	3
Balance of General Education Curriculum .....		46
Major Curriculum.....		40

Group A – Required Courses		
Complete each of the following:		
BUSN 1101	Introduction to Business.....	3
BUSN 2201	Principles of Accounting I .....	3
BUSN 2202	Principles of Accounting II .....	3
BUSN 2602	Microeconomics.....	3
BUSN 2401	Principles of Management .....	3
BUSN 2614	Quantitative Methods .....	3
BUSN 2301	Principles of Marketing .....	3
BUSN 3202	Corporate Finance .....	3
BUSN 3502	Business Ethics.....	3
BUSN 3506	Business and the Legal Environment .....	3
INDS 3610	Pre-Internship .....	1
BUSN 4071	Internship .....	3
BUSN 4421	Strategic Management .....	3
CYBR 1142	Fundamentals of Information Systems .....	3

Concentration Curriculum – International Business .....	30
Group B – Required Courses .....	12
Choose four courses from the following:	
BUSN 3201    International Finance .....	3
BUSN 3401    Human Resource Management.....	3
BUSN 3101    International Business .....	3
BUSN 3320    Marketing Research.....	3
BUSN 4303    International Marketing .....	3
Group C – Spanish Minor <sup>1</sup> .....	18

**Business Administration Major with Management Concentration for Bachelor of Science .....120**

General Education Curriculum .....	55
Math Course for the Major .....	3
MATH 1220    Elementary Probability and Statistics .....	3
Social Science Course for the Major .....	3
BUSN 2601    Macroeconomics.....	3
Oral Express Course for the Major .....	3
ENGL 2510    Business Communication.....	3
Balance of General Education Curriculum .....	46
Major Curriculum.....	40

Group A – Required Courses

Complete each of the following:

BUSN 1101    Introduction to Business.....	3
BUSN 2201    Principles of Accounting I.....	3
BUSN 2202    Principles of Accounting II.....	3
BUSN 2602    Microeconomics.....	3
BUSN 2401    Principles of Management.....	3
BUSN 2614    Quantitative Methods .....	3
BUSN 2301    Principles of Marketing .....	3
BUSN 3202    Corporate Finance.....	3
BUSN 3502    Business Ethics .....	3
BUSN 3506    Business and the Legal Environment .....	3
INDS 3610    Pre-Internship.....	1
BUSN 4071    Internship .....	3
BUSN 4421    Strategic Management.....	3
CYBR 1142    Fundamentals of Information Systems .....	3

Concentration Curriculum - Management .....	15
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Group B – Required Concentration Courses

Choose five courses from the following:

BUSN 3401    Human Resource Management.....	3
BUSN 3402    Labor-Management Relations.....	3
BUSN 3403    Organizational Behavior .....	3
BUSN 3404    Servant Leadership.....	3

<sup>1</sup> See Spanish Minor, page 192. A student with foreign language transfer college credit other than Spanish may wish to continue study in that language elsewhere and transfer it to Montreat. Transfer limits apply see “Transfer Credit Policy” (page 17) and “Visiting Student Status” (page 32).

BUSN 3601	Total Quality Management .....	3
BUSN 3410	Production/Operations Management .....	3
BUSN 4401	Management of Not-for-Profit Organizations.....	3
BUSN 4703	Entrepreneurship and Small Business Management.....	3
Free Electives .....		10

**Business Administration Major with Marketing Concentration for Bachelor of Science ..... 120**

General Education Curriculum .....		55
Math Course for the Major .....		3
MATH 1220	Elementary Probability and Statistics .....	3
Social Science Course for the Major.....		3
BUSN 2601	Macroeconomics .....	3
Oral Express Course for the Major .....		3
ENGL 2510	Business Communication .....	3
Balance of General Education Curriculum .....		46

Major Curriculum..... 40

Group A – Required Courses

Complete each of the following:

BUSN 1101	Introduction to Business.....	3
BUSN 2201	Principles of Accounting I .....	3
BUSN 2202	Principles of Accounting II .....	3
BUSN 2602	Microeconomics .....	3
BUSN 2401	Principles of Management .....	3
BUSN 2614	Quantitative Methods .....	3
BUSN 2301	Principles of Marketing .....	3
BUSN 3202	Corporate Finance .....	3
BUSN 3502	Business Ethics.....	3
BUSN 3506	Business and the Legal Environment .....	3
INDS 3610	Pre-Internship .....	1
BUSN 4071	Internship .....	3
BUSN 4421	Strategic Management .....	3
CYBR 1142	Fundamentals of Information Systems .....	3

Concentration Curriculum - Marketing ..... 15

Group B – Required Concentration Courses

Choose five courses from the following:

BUSN 3305	Sales Administration .....	3
BUSN 3312	Retail Management .....	3
BUSN 3314	Principles of Advertising .....	3
BUSN 3320	Marketing Research.....	3
BUSN 4303	International Marketing .....	3
BUSN 4302	Consumer Behavior.....	3
BUSN 4305	e-Commerce .....	3
BUSN 4307	Marketing Management.....	3
BUSN 3315	Seminar in Sports Marketing .....	3

Free Electives..... 10

**Business Administration Major with Music Business Concentration for Bachelor of Science.....120**

General Education Curriculum .....	55
Math Course for the Major .....	3
MATH 1220    Elementary Probability and Statistics .....	3
Social Science Course for the Major .....	3
BUSN 2601    Macroeconomics.....	3
Oral Express Course for the Major .....	3
ENGL 2510    Business Communication.....	3
Balance of General Education Curriculum .....	46
Major Curriculum.....	40
Group A – Required Courses	
Complete each of the following:	
BUSN 1101    Introduction to Business.....	3
BUSN 2201    Principles of Accounting I.....	3
BUSN 2202    Principles of Accounting II.....	3
BUSN 2602    Microeconomics.....	3
BUSN 2401    Principles of Management.....	3
BUSN 2614    Quantitative Methods .....	3
BUSN 2301    Principles of Marketing .....	3
BUSN 3202    Corporate Finance.....	3
BUSN 3502    Business Ethics .....	3
BUSN 3506    Business and the Legal Environment .....	3
INDS 3610    Pre-Internship.....	1
BUSN 4071    Internship .....	3
BUSN 4421    Strategic Management.....	3
CYBR 1142    Fundamentals of Information Systems .....	3
Concentration Curriculum – Music Business .....	18
Group B – Required Concentration Courses	
Complete each of the following:	
MUSB 1210    Survey of Music Production, Marketing and Distribution .....	3
MUSB 3251    Copyright Law.....	3
MUSB 3252    Music Publishing.....	3
MUSB 3231    Album Seminar I .....	3
MUSB 3232    Album Seminar II .....	3
MUSB 4273    Senior Studies in Music Business .....	3
Group C - Recommended courses (Excluded from the concentration total)	
MUSB 1220    Survey of Music and Artist Management .....	3
MUSB 2231    CODA Music Festival Seminar I .....	2
MUSB 2232    CODA Music Festival Seminar II.....	2
Free Electives.....	7

**Business Administration Major with Sports Management Concentration for Bachelor of Science ... 121**

General Education Curriculum .....	55
Math Course for the Major .....	3
MATH 1220    Elementary Probability and Statistics .....	3
Social Science Course for the Major .....	3
BUSN 2601    Macroeconomics.....	3

Oral Express Course for the Major .....	3
ENGL 2510    Business Communication .....	3
Balance of General Education Curriculum .....	46
Major Curriculum .....	40
Group A – Required Courses	
Complete each of the following:	
BUSN 1101    Introduction to Business.....	3
BUSN 2201    Principles of Accounting I .....	3
BUSN 2202    Principles of Accounting II .....	3
BUSN 2602    Microeconomics .....	3
BUSN 2401    Principles of Management .....	3
BUSN 2614    Quantitative Methods .....	3
BUSN 2301    Principles of Marketing .....	3
BUSN 3202    Corporate Finance .....	3
BUSN 3502    Business Ethics.....	3
BUSN 3506    Business and the Legal Environment .....	3
INDS 3610    Pre-Internship .....	1
BUSN 4071    Internship .....	3
BUSN 4421    Strategic Management .....	3
CYBR 1142    Fundamentals of Information Systems .....	3
Concentration Curriculum – Sports Management.....	26
Group B – Required Concentration Courses.....	11
Complete each of the following:	
EXSC 3311    Methods and Materials of Coaching .....	2
EXSC 4422    Facility Planning for PE Recreation and Athletics.....	3
BUSN 2407    Principles of Sports Management .....	3
BUSN 3315    Seminar in Sport Marketing.....	3
Group C – Elective Concentration Courses.....	15
Choose five courses from the following:	
BUSN 3401    Human Resource Management.....	3
BUSN 3402    Labor-Management Relations.....	3
BUSN 3403    Organizational Behavior.....	3
BUSN 3404    Servant Leadership.....	3
BUSN 3601    Total Quality Management .....	3
BUSN 3410    Production and Operations Management.....	3
BUSN 4401    Management of Not-for-Profit Organizations.....	3
BUSN 4703    Entrepreneurship and Small Business Management.....	3

### **Special Emphasis Concentration (15 credits)**

The Special Emphasis concentration allows students to design a program of study focused on an area of interest outside the core curriculum of their particular major. Working with a faculty member in their major, the student chooses courses from other institutions or departments at Montreat College that can be integrated into their specific discipline. The Special Emphasis must be approved by the student's academic advisor prior to completing 60 credit hours.

The Special Emphasis proposal must include the following elements:

1. A rationale for how the chosen coursework supports the student's career objectives,
2. The 40-hour Business program core, and
3. Identification of at least 15 credit hours of additional coursework, which can be outside the Business department.

The proposal, once approved by the academic advisor, will be submitted to the Department for final approval.

**Business Administration Major with Special Emphasis Concentration for Bachelor of Science .....120**

General Education Curriculum .....	55
Math Course for the Major .....	3
MATH 1220    Elementary Probability and Statistics .....	3
Social Science Course for the Major .....	3
BUSN 2601    Macroeconomics .....	3
Oral Express Course for the Major .....	3
ENGL 2510    Business Communication .....	3
Balance of General Education Curriculum .....	46
Major Curriculum .....	40
Group A – Required Courses	
Complete each of the following:	
BUSN 1101    Introduction to Business .....	3
BUSN 2201    Principles of Accounting I .....	3
BUSN 2202    Principles of Accounting II .....	3
BUSN 2602    Microeconomics .....	3
BUSN 2401    Principles of Management .....	3
BUSN 2614    Quantitative Methods .....	3
BUSN 2301    Principles of Marketing .....	3
BUSN 3202    Corporate Finance .....	3
BUSN 3502    Business Ethics .....	3
BUSN 3506    Business and the Legal Environment .....	3
INDS 3610    Pre-Internship .....	1
BUSN 4071    Internship .....	3
BUSN 4421    Strategic Management .....	3
CYBR 1142    Fundamentals of Information Systems .....	3
Concentration Curriculum – Special Emphasis .....	15-25
Group B – Approved Concentration Courses (totaling 15-25 hours)	
Free Electives <sup>1</sup> .....	0 – 10

**Business Administration Minor**

**Business Administration Minor .....18**

Group A – Required Courses for the Minor .....	9
Complete each of the following:	
BUSN 1101    Introduction to Business .....	3
BUSN 2601    Macroeconomics .....	3
BUSN 2401    Principles of Management .....	3
Group B – Elective Courses for the Minor .....	9
Choose three additional BUSN courses numbered 3000 or above	

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<sup>1</sup> The number of free election hours needed, if any, will be determined by the number of concentration hours approved.

## Chemistry Minor

The Chemistry minor is designed to cultivate a broader understanding of scientific knowledge by developing skills involving research, processing data, observation and decision making, analytical skills and performing experiments. Theories are reinforced by observation and analysis in a laboratory setting. The applications of these skills are benefited in other course work where logic and reasoning are required to make student success a reality.

A minor in Chemistry assists in preparing students for numerous careers in specific areas of applied science such as medical (including pre-medical, pre-veterinary, and physical therapy), agricultural, environmental fields, and engineering. In addition, the Chemistry minor includes components that fulfill a student's preparation for many graduate studies programs.

### Chemistry Minor ..... 18-20

#### Group A – Required Courses ..... 12

Complete each lecture and lab pair below:

CHEM 1111	General Chemistry I.....	4
CHEM 1101	General Chemistry I Lab.....	0
CHEM 1112	General Chemistry II .....	4
CHEM 1102	General Chemistry II Lab.....	0
CHEM 3213	Organic Chemistry I .....	3
CHEM 3203	Organic Chemistry Lab.....	1

#### Group B – Electives .....3

Choose one from the following:

CHEM 3711	Chemistry of the Environment I.....	3
BIOL/CHEM4721	Biochemistry.....	3

#### Group C - Electives ..... 3-4

Choose CHEM 3712 or CHEM 3214 with 3204:

CHEM 3712	Chemistry of the Environment II.....	3
CHEM 3214	Organic Chemistry II .....	3
CHEM 3204	Advanced Organic Chemistry Lab.....	1

# Christian Ministries Major

## Requirements for a B.S. in Christian Ministries

- General degree requirements (page 63)
- Specific degree requirements:
  - Departmental Exam<sup>1</sup> (Minimum passing score: 75)

## Christian Ministries Major for Bachelor of Science Degree.....120

General Education Curriculum .....	55
Oral Competency for Major .....	3
MNST 3910           Biblical Preaching and Communication .....	3
Balance of General Education Curriculum .....	52
Christian Ministries Major Curriculum .....	50-52
Foundation	
Group A – Foundation Required Courses .....	12
Complete each of the following:	
BIBL 3305       Biblical Interpretation.....	3
HIST 3300       History of Christianity .....	3
MNST 1901       Foundations of Christian Ministry.....	3
THEO 2410       Christian Doctrine .....	3
Group B – Foundation Electives.....	6
Choose two of the following:	
BIBL 2308       Gospels.....	3
BIBL 2309       Epistles .....	3
BIBL 3302       Romans.....	3
BIBL 3303       Prophetic Literature of the Old Testament.....	3
BIBL 3308       Apocalyptic Literature .....	3
Theory	
Group C – Theory Required Courses.....	15
Complete each of the following:	
CHCU 3401       Theological Aesthetics and Beauty .....	3
MNST 3720       Contemporary Issues in Ministry .....	3
PSYC 2500       Psychology and Theology Integration.....	3
THEO 3421       Contemporary Theology.....	3
WOAR 1901       Worship Arts Survey.....	3
Group D – Theory Electives .....	4-6
Choose two of the following:	
CHCU 3506       World Religions .....	3
MNST 4080       Special Topics.....	1-3
PHIL 2902       Modern-Secular Worldview.....	3
PHIL 4403       Philosophy of Religion and Apologetics .....	3

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<sup>1</sup> The departmental exam will be given at the beginning of the senior year and offered at the end of each semester.

Practice	
Group E – Practice Required Courses .....	13
Complete each of the following:	
INDS 3610      Pre-Internship/Pre-Practicum .....	1
MNST 4071      Internship .....	3
MNST 3110      Discipleship and Evangelism .....	3
MNST 3701      Ministry in Cultural Context .....	3
MNST 3910      Biblical Preaching and Communication <sup>1</sup> .....	(3)
MNST 4120      Spiritual Formation and Faith Development.....	3
Free Electives.....	13-15

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<sup>1</sup> Counted in General Education Oral Competency and not counted here. Satisfies both.

## Communication and Digital Media

When an idea is communicated well, in a matter of minutes it can travel the world – via a news story, a TED talk, an award-winning film, or a viral tweet. Words and images carry undeniable power. The major in Communication and Digital Media teaches students to harness that power to become purposeful, professional communicators. Classroom instruction covers everything from Aristotle to Apple and combines the traditional aspects of journalism and public relations strategy with the rapidly evolving capabilities of digital media. Majors analyze information, create content, and utilize industry-standard applications to craft messages, share data, and exchange meaningful stories with global audiences. They also think critically about demographics and user trends so that they can get those same audiences to listen – and to care.

The major in **Communication and Digital Media** enables students to develop a diverse range of unified skills as practitioners of convergent media. They tackle hands-on projects in professional writing, self-presentation, digital film, graphic design, photography, and marketing that will empower them to create an impressive portfolio and pursue targeted career opportunities after college.

The major in **Communication Studies** offers a more general familiarization with communication theory and practices, while also providing flexibility in electives to explore various areas of personal and professional interest.

Students in other majors can earn a **Communication Minor** by completing 18 credit hours of coursework within the department.

### Why Study Communication at Montreat College?

Knowing how to write well, speak persuasively, identify non-verbal cues, and thrive in a digital environment are skills that make a decisive difference when entering today's competitive marketplace. Job opportunities for communication majors include becoming an advertising executive, public relations specialist, reporter, copywriter, graphic designer, video engineer, web specialist, marketing researcher, teacher, online content creator, film crew member, sales account representative, or analytics manager. Graduates within this discipline have gone on to pursue internships and jobs in corporate communications with entities including ESPN, Fox News, Telemundo, *The Asheville Citizen-Times*, The Billy Graham Evangelistic Association, The Disney Corporation, and *World Magazine*, as well as local and national ministries and government offices. The communication major also provides excellent preparation for graduate study in education, ministry, and law. Regardless of where you land, as a Montreat graduate, you leave campus equipped to graciously impact the world.

Scholarship and hands-on learning in Communication courses at Montreat are motivated by a Christian worldview and standard of excellence. Students learn that communicating with others is a genuinely cross-cultural activity that can be missional as well as humanly enriching when based on appreciation and respect and conducted with intentionality. We believe what one observer said three decades ago remains even more true today: "One of the clearest calls from God today is for Christians to [enter] the media, to sanctify images and image forth sanctity."<sup>1</sup> Communication works for those who work at it. Come join us as we help to educate effective professional communicators who will make a positive difference in society.

### Off-Campus Study Opportunities

Off-campus study opportunities represent a unique way to obtain professional and life experiences that give polish and maturity to a student. They also create possibilities for participants to meet and work with professionals that may serve as mentors or job contacts after graduation. The Council for Christian Colleges and Universities (CCCU) provides many such programs (see Off-Campus Study Opportunities elsewhere in the catalog). Courses from any of these off-campus study program may be substituted for certain Communication Major courses when approved by the student's advisor and department chair.

### Student Involvement

*The Whetstone* (the student newspaper) and *The Lamp Post* (Montreat College's literary magazine) provide student journalists, photographers, poets, and writers with a significant creative presence and voice in campus affairs.

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<sup>1</sup> Peter Kreeft, *Making Choices* (Servant Books, 1990).

The *Lou Gideon Theatre* stages theatrical productions and screens films.

The annual *Montreat College Film Festival* offers a competitive showcase for students who have written, produced, acted, or directed in original film productions.

*The Belk Art Studio* promotes awareness of the visual arts on campus and in the surrounding community through workshops and lectures.

Special Topics courses provide students with unique opportunities in areas including sports journalism and webcasting.

Students are encouraged to attend regional and national communication conferences and to present their research there.

As upperclassmen, students are required to complete a 3-credit professional internship. Additionally, shorter practicums can be pursued that will also provide professional development.

## Requirements for a B.S. in Communication and Digital Media

- General degree requirements (page 63)
- Specific degree requirements:
  - Specific General Education courses
  - Completion of the departmental exam or thesis within COMM 4491

## Communication and Digital Media Major for Bachelor of Science ..... 120

General Education Curriculum (page 66) .....	55
Math for the Major.....	3
MATH 1220 Elementary Probability and Statistics .....	3
Oral Express for the Major.....	3
COMM 1220 Public Speak and Rhetorical Analysis.....	3
Balance of General Education Curriculum .....	49
Major Curriculum .....	45-47
Group A – Required Courses .....	44
COMM 2202 Self-Presentation for the Camera .....	3
COMM 1203 Communication Theory and Research .....	3
COMM 1220 Public Speech & Rhetorical Analysis.....	3
COMM 2249 Digital Film Production I: Videography .....	3
COMM 2347 Journalism I: News Writing & Reporting.....	3
COMM 2348 Journalism II: Sports Reporting & Feature Writing.....	3
COMM 3329 Digital Film Production II: Cinematography .....	3
COMM 3349 Graphic Design & Visual Literacy .....	3
COMM 3350 Photography & Digital Imaging .....	3
COMM 4313 Public Relations & Social Media Strategies.....	3
COMM 4441 Communication Internship.....	3
COMM 4491 Senior Capstone .....	3
COMM 4480 Whetstone.....	1
ENGL 2510 Business Communication .....	3
INDS 3610 Pre-Practicum .....	1
MUSB 1311 Digital Sound Recording .....	3
Group B – Selection Courses .....	1-3
Choose one course from the following:	
BUSN 1101 Introduction to Business.....	3
EXSC 2411 Introduction to Exercise Science.....	3

HUMA 1100	Introduction to Human Services .....	1
SOCI 1300	Social Problems.....	3
Free Electives.....		18-20

**Communication Studies Major for Bachelor of Science .....120**

General Education Curriculum (page 66) .....		55
Math for the Major.....		3
MATH 1220 Elementary Probability and Statistics .....		3
Oral Express for the Major.....		3
COMM 1220 Public Speak and Rhetorical Analysis.....		3
Balance of General Education Curriculum .....		49
Major Curriculum.....		38-42
Group A – Required .....		22
Complete each of the following:		
COMM 2202	Self-Presentation for the Camera .....	3
COMM 1203	Communication Theory and Research.....	3
COMM 2347	Journalism I: News Writing & Reporting .....	3
COMM 3350	Photography & Digital Imaging.....	3
COMM 4441	Communication Internship .....	3
COMM 4491	Senior Capstone.....	3
ENGL 2510	Business Communication .....	3
INDS 3610	Pre-Practicum .....	1
Group B – Guided Options.....		3
Choose one course from the following:		
COMM 2348	Journalism II: Sports Reporting & Feature Writing .....	3
ENGL 3610	Creative Non- Fiction Writing.....	3
ENGL 3630	Short Story Writing .....	3
Group C – Guided Options.....		1-3
Choose one course from the following:		
BUSN 1101	Introduction to Business .....	3
EXSC 2411	Introduction to Exercise Science .....	3
HUMA 1100	Introduction to Human Services.....	1
SOCI 1300	Social Problems .....	3
Group D - Communication Electives.....		6-8
Choose courses totaling 6-8 hours, not previously taken		
ARTS 2311	Drawing I.....	3
ARTS 2210	Principles of Design.....	3
ARTS 4120	Exhibition .....	3
BUSN 2301	Principles of Marketing.....	3
BUSN 2401	Principles of Management .....	3
BUSN 2407	Introduction to Sports Management .....	3
BUSN 3314	Principles of Advertising.....	3
BUSN 3320	Marketing Research .....	3
BUSN 3403	Organizational Behavior.....	3
BUSN 4302	Consumer Behavior .....	3
CHCU 3401	Theological Aesthetics and Beauty.....	3
COMM 2249	Digital Film Production I: Videography.....	3
COMM 2348	Journalism II: Sports Reporting, Feature Writing, & Reviewing	3

COMM 3318	Film History and Theory .....	3
COMM 3329	Digital Film Production II: Cinematography .....	3
COMM 3341	Practicum .....	1-3
COMM 3349	Graphic Design & Visual Literacy.....	3
COMM 4344	Nonprofit Organizational Communication .....	3
COMM 4480	Special Topics in Communication .....	1-3
EDUC 1111	Foundations of Education .....	3
ENGL 3610	Creative Nonfiction Writing.....	3
ENGL 3620	Poetry Writing .....	3
ENGL 3630	Short Story Writing .....	3
ENGL 3640	Writing Children’s Literature .....	3
ENGL 3650	Outdoor and Nature Writing .....	3
ENGL 3720	Literary Magazine Editing.....	2
EXSC 2411	Introduction to Exercise Science .....	3
MNST 3910	Biblical Preaching and Communication.....	3
MUSB 1311	Introduction to Audio Production .....	3
MUSB 3231/3232	Music Production, Marketing, and Distribution Seminar .....	3
MUSB 3251	Copyright Law .....	3
MUSB 4271/4272	Music Business Seminar .....	1, 1
MUSC 2431	Social History of Rock and Roll .....	3
OREC 3410	Group Dynamics and Behavioral Management.....	3
PSYC 3110	Social Psychology.....	3
SOCI 1300	Social Problems .....	3
SOCI 2100	Social Welfare and Social Services .....	3
SPAN 1111	Elementary Spanish I .....	3
THEA 3303	Voice and Movement.....	3
THEA 2501	Stagecraft .....	3
THEA 3111	Theatre Ensemble .....	3
THEA 3501	Playwriting/Screenwriting.....	3

Free Electives..... 17-23

### Communication Minor

Communication is an excellent subject to combine with other majors. EVERYONE communicates! And effective communication is required for every career. If you can communicate well, you are much more apt to be successful in your field. Furthermore, the exploration of what it means to communicate, how we create our own culture and a sense of what it means to be a human are topics that are relevant across all disciplines.

#### Communication Minor ..... 18

Group A – Required Courses ..... 10

COMM 1220	Public Speech and Rhetorical Analysis .....	3
COMM 1203	Communication Theory and Research .....	3
ARTS 2210	Principles of Design .....	3
COMM 4480	Whetstone.....	1

Group B – Selection Courses ..... 8

Choose a minimum of eight (8) additional credit hours from the Communication “Major Curriculum” or “Communication Electives” from either Communication majors (above).

# Criminal Justice Major

The Criminal Justice major is designed to prepare students to directly enter a career in law enforcement or other criminal justice professions upon graduation, or to pursue a graduate or professional degree. In addition to the core requirements, students may Choose from several criminal justice electives including law enforcement and pre-law focused courses. The curriculum exposes students to a broad range of criminal justice topics through classroom instruction and experiential internship or directed study opportunities. A minor in criminal justice is also available.

## Why Study Criminal Justice at Montreat College?

Montreat College’s Criminal Justice program is designed to provide for the common good by preparing competent, caring professionals for the nation’s law enforcement agencies and legal system. The curriculum exposes students a wide array of criminal justice topics in the classroom and gives students the opportunity to come in contact with professionals in criminal justice through internships.

## After Graduation

The program is designed to prepare students to continue their education in law school or graduate studies, or to enter a variety of law enforcement professions upon graduation. These professions could include correctional officer, mediator, police officer or detective, probation officer, or wildlife law enforcement officer.

## Requirements for the Bachelor of Science in Criminal Justice

- General degree requirements (page 63)
- Specific degree requirements:
  - Specific General Education courses

## Criminal Justice Major for Bachelor of Science .....120

General Education Curriculum (page 66) .....	55
Math for the Major.....	3
MATH 1220    Elementary Probability and Statistics .....	3
Social Science for the Major .....	3
Choose one of the following:	
PSYC 1100    Psychology Applied to Modern Life .....	3
PSYC 1200    General Psychology .....	3
Humanities for the Major .....	3
PHIL 3401    Ethics .....	3
Balance of General Education Curriculum .....	49
Major Curriculum.....	56
Group A – Required Courses .....	38
Complete each of the following:	
CRIM 1111    Introduction to Criminal Justice .....	3
CRIM 1150    Career Pathways in Criminal Justice .....	1
CRIM 2111    Criminology .....	3
CRIM 2210    Criminal Law.....	3
CRIM 2310    Criminal Procedure .....	3
CRIM 2510    Corrections, Probation, and Parole.....	3
CRIM 2220    Judicial Process .....	3
CRIM 2410    Law Enforcement.....	3
CRIM 3420    Criminal Investigation.....	3
CRIM 3620    Juvenile Justice and Delinquency.....	3
CRIM 3230    Constitutional Law .....	3
CRIM 4091    Senior Seminar .....	3

CRIM 4071	Criminal Justice Internship .....	3
INDS 3610	Pre-Internship .....	1

Group B – Major Electives ..... 18

Chose and complete from this list courses totaling a minimum of 18 hours;  
At least 9 of the 18 hours in courses numbering 3000 or higher

Criminal Justice Courses

BUSN 3404	Servant Leadership .....	3
CRIM 2080	Special Topics in Criminal Justice.....	1-3
CRIM 3630	Diversity Issues in Criminal Justice .....	3
CRIM 3640	Terrorism and National Security.....	3
CRIM 4080	Special Topics in Criminal Justice.....	1-3
HUMA 2080	Special Topics in Human Services.....	1-3
HUMA 4080	Special Topics in Human Services.....	1-3
HIST 3160	American Constitutional History .....	3
PSYC 2300	Research Methods.....	3
PSYC 3100	Abnormal Psychology .....	3
PSYC 3110	Social Psychology .....	3
PSYC 4100	Theories and Principles of Counseling .....	3
SOCI 1100	Introduction to Sociology.....	3
SOCI 1300	Social Problems .....	3
SOCI 4110	Counseling Adolescents and Families.....	3

Law Enforcement Courses

CRIM 3320	Criminal Justice Administration.....	3
CRIM 3610	Drugs, Alcohol, and Crime.....	3
CRIM 3630	Diversity Issues in Criminal Justice .....	3

Pre-Law Courses

BUSN 3506 <sup>1</sup>	Business and the Legal Environment .....	3
CRIM 4240	Legal Research Methods .....	3
CYBR 3321	The 3 C's: Cybercrime, Cyberlaw, and Cyberethics.....	3
MUSB 3251	Copyright Law .....	3

Leadership

Choose one of the following:

PHIL 3502	Philosophy of Leadership.....	3
BUSN 3404	Servant Leadership.....	3

Free Electives..... 9

<sup>1</sup> Prerequisite BUSN 1101 is waived for this degree plan.

## Criminal Justice Minor

<b>Criminal Justice Minor</b> .....	<b>18</b>
Group A – Required Course.....	3
CRIM 1111    Introduction to Criminal Justice .....	3
Group B – Minor Electives.....	15
Choose five courses from the following:	
CRIM 2111    Criminology .....	3
CRIM 2210    Criminal Law.....	3
CRIM 2510    Corrections, Probation, and Parole.....	3
CRIM 2410    Law Enforcement.....	3
CRIM 2210    Criminal Law.....	3
CRIM 2310    Criminal Procedure .....	3
CRIM 2080    Special Topics in Criminal Justice .....	3
CRIM 3420    Criminal Investigation.....	3
CRIM 3320    Criminal Justice Administration.....	3
CRIM 3610    Drugs, Alcohol, and Crime.....	3
CRIM 3620    Juvenile Justice and Delinquency.....	3
CRIM 3630    Diversity Issues in Criminal Justice .....	3
CRIM 3230    Constitutional Law .....	3
CRIM 3640    Terrorism and National Security.....	3
CRIM 4080    Special Topics in Criminal Justice .....	3

## Cybersecurity Program

Cybersecurity offers an Associate in Applied Science (AAS) and a major leading to the Bachelor of Science (BS). The major offers the optional choice of a concentration.

The mission of the Cybersecurity Department is to equip students with the knowledge, skills and abilities (KSAs) necessary to serve in today's competitive business environment and to cultivate in all students, at all levels (associate, bachelor's, and graduate), critical thinking, teamwork, a data-driven approach, and ethical reasoning in their approach to cybersecurity program development and business decision making.

### Cybersecurity Program Goals

The graduate will:

1. Integrate Christian worldview and ethics in the work environment.
2. Describe the fundamental concepts and demonstrate skills and abilities in information systems technology in business functional areas.
3. Describe the fundamental concepts and demonstrate skills and abilities in key Cybersecurity areas to support organizational mission and goals.
4. Utilize critical thinking, analytical, and problem-solving skills.
5. Utilize effective communication, interpersonal, and team skills.

### Why Study Cybersecurity at Montreat College?

The program builds upon Montreat College's strong liberal arts core, incorporating ethical reasoning throughout. Students are prepared to join a variety of organizations in entry-level professional positions through extensive hands-on practice and up-to-date course content in information technology, cybersecurity, business administration, and quantitative analysis. Our unique approach to teaching combines the theoretical with the practical, as faculty bring extensive real-world technology experience to the classroom. Small classes provide personal attention and one-on-one interaction with professors. Classroom instruction is often augmented with outside technology experts and information technology facility tours. In many courses, student projects involve solving technology problems and providing services to actual real-world organizations.

A graduate of the AAS program may support information technology fields such as help desk, information systems analysis, network administration, systems administration, vulnerability assessment, or consulting. The Bachelor of Science in Cybersecurity prepares graduates for a variety of positions with job titles such as Information Security Analyst, Cybersecurity Analyst, Information Assurance Specialist/Technician. Students explore Cybersecurity career opportunities in fields, such as incident response, disaster recovery and business continuity analysis, information systems analysis, database security, web security, network security, systems administration, security analysis, vulnerability assessment, penetration testing or privacy and security compliance.

According to the Bureau of Labor Statistics, these fields are expected to be among the fastest growing occupations through 2028. Employment of cybersecurity professionals is expected to grow much faster than the average for all occupations as organizations continue to adopt and integrate increasingly sophisticated cybersecurity technologies. Average annual salaries in these fields are well above those in many other professional occupations. Further, many cybersecurity occupations offer broad opportunities to influence others for Christ.

### Associate of Applied Science Degree (AAS) (see Page 106)

The requirements for an Associate of Applied Science in Cybersecurity degree at Montreat College are designed to introduce the liberal arts and Information Technology (IT) and Information Security fundamentals. Students earning an AAS in Cybersecurity from Montreat College will be equipped with foundational skills to integrate into their professional careers.

### Program Description

The AAS in Cybersecurity at Montreat College will allow students to complete the program and enter the IT/Cybersecurity workforce or continue in the seated or online format in the Bachelor of Science in Cybersecurity program. The Bachelor of Science in Cybersecurity has been designated by the National Security Agency and the Department of Homeland Security as a National Center of Academic Excellence in Cyber Defense Education. This designation is recognized with a certificate upon completion of the Bachelor of Science in Cyber Security program.

## **Bachelor of Science Degree (BS)**

Montreat College has been designated by the National Security Agency and the Department of Homeland Security as a National Center of Academic Excellence in Cyber Defense Education. This designation is recognized with a certificate upon completion of the Bachelor of Science in Cyber Security program.

Montreat College's Cybersecurity program focuses on the defensive roles of cybersecurity in the categories of Operate & Maintain, Securely Provision, and Protect & Defend from the NICE Cybersecurity Workforce Framework. Graduates may begin their careers in consulting, financial and banking institutions, health care, services and manufacturing industries, government, and not-for-profit organizations. Additionally, all students complete cybersecurity internships prior to graduation. These internships can lead to permanent employment opportunities.

The Bachelor of Science in Cybersecurity offers concentrations that allow students to focus on an area of interest in high-demand careers within the cybersecurity world. Students can Select elective courses that will fulfill a concentration in Penetration Testing, Governance, Risk and Compliance (GRC) or Data Analytics.

## **Associate of Applied Science in Cybersecurity**

### **Requirements for an Associate of Applied Science in Cybersecurity Degree**

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Major Field Test

<b>Cybersecurity Associate of Applied Science.....</b>	<b>60</b>
Group A – General Education Curriculum for AAS.....	30
Bible.....	3
Choose one of the following:	
BIBL 1101      Survey of the Old Testament .....	3
BIBL 1102      Survey of the New Testament.....	3
English.....	6
Complete both of the following:	
ENGL 1111      English Composition I.....	3
ENGL 1112      English Composition II .....	3
History.....	3
Choose one of the following:	
HIST 1301      World Civilizations I .....	3
HIST 1302      World Civilizations II.....	3
HIST 2101      United States History I.....	3
HIST 2102      United States History II.....	3
Arts and Humanities.....	3
Choose course(s) totaling three hours from Appendix C (page 240)	
Faith and Learning .....	1-2
Choose the appropriate course based on your entering status:	
INDS 1102      Foundations of Faith and Learning (First-Time Freshmen) .....	2
INDS 2100      Seminar in Faith and Learning (Transfers) .....	1
Literature Course .....	3
Choose an ENGL Literature course numbered 2000 or higher	
Mathematics .....	3
MATH 1220      Elementary Probability and Statistics .....	3

Oral Expression .....	3
COMM 1220 Public Speech and Rhetorical Analysis .....	3
COMM 2202 Self-Presentation for the Camera .....	3
ENGL 2510 Business Communication .....	3
MNST 3910 Biblical Preaching and Communication .....	3
OREC 3212 Principles of Environmental Interpretation .....	3
THEA 3303 Voice and Movement .....	3
Physical Education Course.....	1-2
Choose one or two 1-hours EXSC or OREC activity courses.	
If taking INDS 1102, take one; if taking INDS 2100, take two.	
Social Science Course .....	3
Choose one: CRIM 1111 (recommended), COMM 1203, or	
an economics, geography, sociology, or psychology course numbered	
2000 or above.	
Group B – Cybersecurity Curriculum.....	30
CYBR 1131 <sup>1</sup> Computer Applications and Concepts.....	3
CYBR 1111 Introduction to Computer Hardware.....	3
CYBR 1121 Introduction to Operating Systems .....	3
CYBR 1211 Introduction to Computer Programming .....	3
CYBR 2122 Linux Operating Systems and Security .....	3
CYBR 2221 Introduction to Computer Networking.....	3
CYBR 2222 Network Defense .....	3
CYBR 2311 Computer and Systems Security.....	3
CYBR 2332 Cyber Defense I: Securing a Windows Environment.....	2
CYBR 3321 The 3 Cs: Cybercrime, Cyberlaw & Cyberethics .....	3
INDS 3611 Pre-internship: Cybersecurity .....	1

## Cybersecurity Major

The Bachelor of Science in Cybersecurity offers concentrations that allow students to focus on an area of interest in high-demand careers within the cybersecurity world. Students can Select elective courses that will fulfill a concentration in Penetration Testing, Governance, Risk and Compliance (GRC) or Data Analytics.

**Choose the standard Cybersecurity major or pair it with one of these concentrations:**

<u>Concentrations</u>	<u>Hours</u>
Data Analytics .....	18
Governance, Risk, and Compliance (GRC) .....	12
Penetration Testing .....	12

### Requirements for a Bachelor of Science in Cybersecurity

- General degree requirements (page 63)
- Specific degree requirements:
  - Required General Education course
  - Cybersecurity concentration or 12 hours of CYBR electives
  - Business Elective
  - Internships

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<sup>1</sup> Satisfies the General Education computer information competency requirement when passed with a C or higher.

# Cybersecurity Major for Bachelor of Science

<b>Cybersecurity Major for the Bachelor of Science Degree (No Concentration)</b> .....	<b>120</b>
General Education Curriculum .....	55
Math Course for Major .....	3
MATH 1220     Elementary Probability and Statistics .....	3
Balance of General Education Curriculum .....	52
Major Curriculum.....	65
Group A – Required Courses .....	50
Complete each of the following:	
BUSN 1101     Introduction to Business.....	3
CYBR 1111     Introduction to Computer Hardware.....	3
CYBR 1121 <sup>1</sup> Introduction to Operating Systems .....	3
CYBR 1211     Introduction to Computer Programming .....	3
CYBR 2212 <sup>1</sup> Introduction to Secure Scripting.....	3
CYBR 2213     Database Programming .....	3
CYBR 2221 <sup>1</sup> Introduction to Computer Networking.....	3
CYBR 2222 <sup>1</sup> Network Defense.....	3
CYBR 2311 <sup>1</sup> Computer and Systems Security.....	3
CYBR 2332     Cyber Defense I: Securing a Windows Environment.....	2
CYBR 3071     Internship I .....	3
CYBR 3312 <sup>1</sup> Principles of Cybersecurity.....	3
CYBR 3321 <sup>1</sup> The 3 C’s: Cybercrime, Cyberlaw & Cyberethics .....	3
CYBR 3332     Cyber Defense II: Securing the Network.....	2
CYBR 4071     Internship II .....	3
CYBR 4541 <sup>1</sup> Penetration Testing: Introduction to Penetration Testing.....	3
CYBR 4542     Incident Response and Contingency Planning.....	3
INDS 3611     Pre-Internship: Cybersecurity.....	1
Group B – Business Elective.....	3
Group C – Major Electives .....	12
Choose courses totaling 12 hours from the following:	
CYBR 2080     Special Topics (Lower-level) .....	1-3
CYBR 2122     Linux Operating Systems and Security.....	3
CYBR 2334     Introduction to Digital Forensics.....	2
CYBR 3214     Introduction to Secure Mobile App and Web Development .....	3
CYBR 3313     Certification Study and Preparation.....	3
CYBR 3511     GRC: Management and Governance of Cybersecurity.....	3
CYBR 3512     Project Management in IT and Cybersecurity .....	3
CYBR 3521     Network Defense and Countermeasures .....	3
CYBR 4080     Special Topics.....	1-3
CYBR 4081     Directed Study and Research.....	1-3
CYBR 4511     GRC: Cybersecurity Risk Management.....	3
CYBR 4512     GRC: IT/Cybersecurity Audit & Compliance.....	3
CYBR 4531     Introduction to Cloud Security.....	3
CYBR 4536     Cyber Defense III .....	2
CYBR 4543     System Forensics .....	3
CYBR 4544     Intermediate Penetration Testing.....	3

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<sup>1</sup> Center of Academic Excellence Aligned Course

CYBR 4545	Practical Penetration Testing .....	3
CYBR 4546	Scripting for Penetration Testers .....	3
CYBR 4547	Advanced Penetration Testing .....	3
CYBR 4551	Introduction to Data Science in Cybersecurity .....	3
CYBR 4643	Cybersecurity Capstone.....	3

CYBR courses not listed here or used elsewhere in the program can be used to meet the hour requirement for this group.

**Cybersecurity Major with Data Analytics Concentration for the Bachelor of Science Degree ..... 120**

General Education Curriculum .....	55
Math Course for Major .....	3
MATH 1220    Elementary Probability and Statistics .....	3
Balance of General Education Curriculum .....	52
Major Curriculum .....	50
Group A – Required Courses .....	50
Complete each of the following:	
BUSN 1101    Introduction to Business.....	3
CYBR 1111    Introduction to Computer Hardware.....	3
CYBR 1121 <sup>1</sup> Introduction to Operating Systems .....	3
CYBR 1211    Introduction to Computer Programming .....	3
CYBR 2212 <sup>1</sup> Introduction to Secure Scripting.....	3
CYBR 2213    Database Programming .....	3
CYBR 2221 <sup>1</sup> Introduction to Computer Networking.....	3
CYBR 2222 <sup>1</sup> Network Defense .....	3
CYBR 2311 <sup>1</sup> Computer and Systems Security.....	3
CYBR 2332    Cyber Defense I: Securing a Windows Environment.....	2
CYBR 3071    Internship I .....	3
CYBR 3312 <sup>1</sup> Principles of Cybersecurity .....	3
CYBR 3321 <sup>1</sup> The 3 C's: Cybercrime, Cyberlaw & Cyberethics .....	3
CYBR 3332    Cyber Defense II: Securing the Network.....	2
CYBR 4071    Internship II .....	3
CYBR 4541 <sup>1</sup> Penetration Testing: Introduction to Penetration Testing .....	3
CYBR 4542    Incident Response and Contingency Planning.....	3
INDS 3611    Pre-Internship: Cybersecurity.....	1
Concentration Curriculum – Data Analytics.....	15
Group B – Required Concentration Courses.....	6
Complete each of the following:	
BUSN 2614    Quantitative Methods .....	3
CYBR 4551    Introduction to Data Science in Cybersecurity .....	3
Group C – Elective Concentration Courses.....	9
Choose three courses from the following:	
DATA 1552    Data Analytics Tools.....	3
DATA 2552    Applied Statistics for Data Analytics.....	3

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<sup>1</sup> Center of Academic Excellence Aligned Course

DATA 2553	Data Structures and Algorithms .....	3
DATA 3553	Dataset Organization, Reporting & Management .....	3
DATA 3554	Intro to Data Mining, Machine Learning & AI .....	3
DATA 4552	Introduction to Big Data .....	3

**Cybersecurity Major with Governance, Risk, and Compliance (GRC) Concentration  
for the Bachelor of Science Degree ..... 120**

General Education Curriculum ..... 55

Math Course for Major ..... 3

MATH 1220 Elementary Probability and Statistics ..... 3

Balance of General Education Curriculum ..... 52

Major Curriculum..... 53

Group A – Required Courses..... 50

Complete each of the following:

BUSN 1101	Introduction to Business.....	3
CYBR 1111	Introduction to Computer Hardware.....	3
CYBR 1121 <sup>1</sup>	Introduction to Operating Systems .....	3
CYBR 1211	Introduction to Computer Programming .....	3
CYBR 2212 <sup>1</sup>	Introduction to Secure Scripting.....	3
CYBR 2213	Database Programming .....	3
CYBR 2221 <sup>1</sup>	Introduction to Computer Networking.....	3
CYBR 2222 <sup>1</sup>	Network Defense.....	3
CYBR 2311 <sup>1</sup>	Computer and Systems Security.....	3
CYBR 2332	Cyber Defense I: Securing a Windows Environment.....	2
CYBR 3071	Internship I .....	3
CYBR 3312 <sup>1</sup>	Principles of Cybersecurity.....	3
CYBR 3321 <sup>1</sup>	The 3 C’s: Cybercrime, Cyberlaw & Cyberethics .....	3
CYBR 3332	Cyber Defense II: Securing the Network.....	2
CYBR 4071	Internship II .....	3
CYBR 4541 <sup>1</sup>	Penetration Testing: Introduction to Penetration Testing .....	3
CYBR 4542	Incident Response and Contingency Planning.....	3
INDS 3611	Pre-Internship: Cybersecurity.....	1

Group B – Business Elective..... 3

Concentration Curriculum – Governance, Risk, and Compliance (GRC) ..... 12

Group C – Required Concentration Courses..... 12

Complete each of the following:

CYBR 3511	Management & Governance of Cybersecurity.....	3
CYBR 4511	Cybersecurity Risk Management .....	3
CYBR 4512	IT/Cybersecurity Audit & Compliance .....	3
CYBR 4643	Cybersecurity Capstone.....	3

<sup>1</sup> Center of Academic Excellence Aligned Course

**Cybersecurity Major with Penetration Testing Concentration for the Bachelor of Science Degree ..... 120**

General Education Curriculum .....	55
Math Course for Major .....	3
MATH 1220    Elementary Probability and Statistics .....	3
Balance of General Education Curriculum .....	52
Major Curriculum .....	53
Group A – Required Courses .....	50
Complete each of the following:	
BUSN 1101    Introduction to Business.....	3
CYBR 1111    Introduction to Computer Hardware.....	3
CYBR 1121    Introduction to Operating Systems .....	3
CYBR 1211    Introduction to Computer Programming .....	3
CYBR 2212 <sup>1</sup> Introduction to Secure Scripting.....	3
CYBR 2213    Database Programming .....	3
CYBR 2221 <sup>1</sup> Introduction to Computer Networking.....	3
CYBR 2222 <sup>1</sup> Network Defense.....	3
CYBR 2311 <sup>1</sup> Computer and Systems Security.....	3
CYBR 2332    Cyber Defense I: Securing a Windows Environment.....	2
CYBR 3071    Internship I .....	3
CYBR 3312 <sup>1</sup> Principles of Cybersecurity .....	3
CYBR 3321 <sup>1</sup> The 3 C's: Cybercrime, Cyberlaw & Cyberethics .....	3
CYBR 3332    Cyber Defense II: Securing the Network.....	2
CYBR 4071    Internship II .....	3
CYBR 4541 <sup>1</sup> Penetration Testing: Introduction to Penetration Testing .....	3
CYBR 4542    Incident Response and Contingency Planning.....	3
INDS 3611    Pre-Internship: Cybersecurity .....	1
Group B – Business Elective .....	3
Concentration Curriculum – Penetration Testing .....	12
Group C – Required Concentration Courses.....	12
Complete each of the following:	
CYBR 4544    Intermediate Penetration Testing .....	3
CYBR 4545    Practical Penetration Testing .....	3
CYBR 4546    Scripting for Penetration Testers .....	3
CYBR 4547    Advanced Penetration Testing .....	3

**Cybersecurity Extended Internship**

The Cybersecurity program offers an extended internship option for majors. This opportunity is open to cybersecurity majors who have identified a full- or nearly full-time (400+ credits or approximately 30 hours a week) internship for the duration of one semester.

- Students will be required to complete and receive approval of a Learning Contract for the extended internship experience.
- The extended internship will combine classroom-based education with practical work experience and provide academic credit for a structured job experience.

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<sup>1</sup> Center of Academic Excellence Aligned Course

- Students will receive 9 credit hours for CYBR 3071, CYBR 4071, and 3 major elective credits through CYBR 4081 Directed Study.
- Student can complete additional 3-6 credits in online courses to remain a full-time student
- The academic department and on-site supervisor share responsibility for supervision, evaluation, and assessment
- Internship site will have clear teaching goals for hands on experience, and faculty would work with the site to determine learning outcomes for the experience.

## Cybersecurity Minor

### Cybersecurity Minor ..... 18

#### Group A – Required Courses for the Minor ..... 12

Complete each of the following:

CYBR 1111	Introduction to Computer Hardware.....	3
CYBR 1121	Introduction to Operating Systems .....	3
CYBR 2221	Introduction to Computer Networking.....	3
CYBR 2311	Computer and Systems Security.....	3

#### Group B – Elective Courses for the Minor ..... 6

Choose 6 credit hours from the following:

CYBR 1211	Introduction to Computer Programming .....	3
CYBR 2122	Linux Operating Systems and Security.....	3
CYBR 2212	Introduction to Secure Scripting.....	3
CYBR 2213	Database Programming .....	3
CYBR 2222	Network Defense.....	3
CYBR 2332	Cyber Defense I: Securing Windows Environment .....	2
CYBR 2334	Introduction to Digital Forensics.....	2
CYBR 3071	Internship I .....	1-3
CYBR 3312	Principles of Cybersecurity.....	3
CYBR 3214	Introduction to Secure Mobile App & Web Development.....	3
CYBR 3321	The 3 C's: Cybercrime, Cyberlaw & Cyberethics .....	3
CYBR 3332	Cyber Defense II: Securing the Network.....	2
CYBR 3511	Management & Governance of Cybersecurity.....	3
CYBR 3512	Project Management in IT and Cybersecurity .....	3
CYBR 3521	Network Defense and Countermeasures .....	3
CYBR 4071	Internship II .....	1-3
CYBR 4541	Introduction to Penetration Testing .....	3
CYBR 4542	Incident Response and System Forensics.....	3

# Data Analytics Major

Demand for individuals with expertise in the field of data analytics is projected to increase significantly over the next decade (almost 26% according to the Bureau of Labor Statistics), especially in the fields of business administration, marketing, finance, insurance, professional services, and information technology. Additionally, rapid growth in the areas of telemedical services and health informatics is generating a demand for practitioners who develop the knowledge, skills, and abilities to organize, interpret and publish the increasing volume and complexity of health data. Students may want to take advantage of minors at Montreat College to target employment opportunities in law enforcement, cybersecurity, social sciences, health sciences, and education as decision makers look to data mining and predictive analytics to develop practical solutions for a wide variety of issues.

## Program Description

The data analytics major is an interdisciplinary program which provides students with the knowledge, skills and abilities to collect, integrate and analyze complex quantitative and qualitative data. Drawing upon the disciplines of statistics, mathematics, business and cybersecurity, students will learn how computer programming, database management, data analysis, and data visualization tools can be utilized to collate, interpret and present complex data applicable to a wide variety of fields. Electives allow students to customize their learning to match fields of interest and strengthen their employment skills.

## Program Outcomes

The graduate will:

1. Utilize critical thinking, analytical, and problem-solving skills for approaching problems and making assessment decisions.
2. Apply data science principles relating to data retrieval, processing, and analysis.
3. Apply mathematical and statistical concepts to detect patterns in data and to draw inferences.
4. Evaluate research results and communicate findings in data science to support organizational mission and goals.
5. Utilize effective communications, interpersonal and team skills.
6. Integrate Christian worldview and ethics in the work environment.

## Requirements for a B.S. in Data Analytics

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Major Field Test

## Data Analytics Major for Bachelor of Science ..... 120

General Education Curriculum ..... 55

Math Course for the Major ..... 3

MATH 1220 Elementary Probability and Statistics ..... 3

Humanities Course for the Major ..... 3

BUSN 3502 Business Ethics..... 3

Balance of General Education Curriculum .....49

Major Curriculum ..... 53

Group A – Required Courses ..... 43

Complete each of the following

BUSN 2614 Quantitative Methods ..... 3

CYBR 1211 Introduction to Computer Programming ..... 3

CYBR 2112 Introduction to Secure Programming Logic..... 3

CYBR 2213 Database Programming ..... 3

CYBR 2311 Computer and System Security..... 3

DATA 1552	Data Analytics Tools.....	3
DATA 2552	Applied Statistics for Data Analytics.....	3
DATA 2553	Data Structures and Algorithms .....	3
DATA 3553	Dataset Organization, Reporting & Management .....	3
DATA 3554	Intro to Data Mining, Machine Learning & AI .....	3
DATA 4071	Internship .....	3
DATA 4552	Introduction to Big Data .....	3
DATA 4653	Data Analytics Capstone .....	3
BUSN 1101	Introduction to Business.....	3
INDS 3611	Pre-Internship: Cybersecurity.....	1
MATH 1320	College Algebra.....	3
MATH 1511	Applied Calculus I .....	4

Group B – Elective Courses ..... 10

Complete 10 hours from the following:

BIBL 4081	Directed Study and Research.....	1-3
COMM 3215	Communications Research Methods .....	4
CYBR 4551	Introduction to Data Science in Cybersecurity.....	3
CYBR 4641	Directed Study and Research .....	1-3
DATA 2651	Special Topics in Data Analytics (Lower-Level).....	1-3
DATA 4641	Directed Study and Research .....	1-3
DATA 4651	Special Topics in Data Analytics (Upper-Level) .....	1-3
EDUC 4081	Directed Study and Research .....	1-3
ENGL 4740	Bibliography for Research .....	1
OREC 4081	Directed Study and Research .....	1-3
OMIN 4081	Directed Study and Research .....	1-3
PHIL 4081	Directed Study and Research .....	1-3

Free Electives ..... 12

## Data Analytics Minor

**Data Analytics Minor..... 18**

Group A – Required..... 9

Complete each of the following

CYBR 2213	Database Programming .....	3
CYBR 2311	Computer and Systems Security .....	3
BUSN 2614	Quantitative Methods.....	3

Group B – Program Electives..... 9

Choose three of the following

DATA 1552	Data Analytics Tools.....	3
DATA 2552	Applied Statistics for Data Analytics .....	3
DATA 2553	Data Structures and Algorithms .....	3
DATA 3553	Dataset Organization, Reporting & Management.....	3
DATA 3554	Introduction to Data Mining, Machine Learning & AI .....	3
DATA 4552	Introduction to Big Data.....	3

## Elementary Education Major

The Education Department offers a licensure program, i.e., certification in Elementary Education. The program of study outlined in this catalog leads to a Bachelor of Science degree in the discipline as well as North Carolina Initial Licensure.

### The Education Discipline

The Bachelor of Science in Elementary Education prepares candidates under the conceptual framework of “Teacher as Leader and Innovator for 21<sup>st</sup> Century learning in the classroom, school, district, and profession at local, regional, national, and global levels.” The Education Department’s mission and conceptual framework are based on the Christian calling to the ministry of education within the framework of 21<sup>st</sup> Century skills, knowledge, expertise, and literacies required for success in work and life. The department believes that effective teachers are leaders who not only care about their students and their profession, but also possess the qualities of Christian character and citizenship to effectively impact both during their calling and career “in a world where change is constant and learning never stops” (2016, P21 Partnership for 21<sup>st</sup> Century Learning, p.1).

### Elementary Education Major Goals

Upon completion of the undergraduate Elementary Education Major, the teacher licensure candidate should be able to meet six goals:

Goal	Category	North Carolina Professional Teaching Standard	Montreat College Educational Objectives
Communicate with a wide variety of audiences, using a range of modes that include oral, written, and non-verbal forms for a range of purposes, listening effectively to decipher meaning.	Communication	1, 4	EO 1
Think critically, evaluating and making connections to solve problems and construct knowledge for use in the real world.	Critical Thinking	1, 3, 4, 5	EO 1
Collaborate and work with a team using well-developed interpersonal, social, emotional, and intercultural skills, managing team dynamics and challenges, and demonstrating empathy in working with diverse others.	Collaboration	2, 4	EO 2, 3
Be a creative innovator who can consider and pursue novel ideas and solutions, viewing failure as an opportunity to learn, and leading students to that same understanding.	Creativity	3, 4	EO 1, 3, 5
Demonstrate character through the desire to learn how to learn, have the resilience and regulation to persevere in the face of difficulties, be ethical in thinking and action, have empathy and work towards the benefit of others, integrate biblical concepts throughout instruction, and practice the career and life skills necessary to lead in the profession.	Character	1, 2	EO 2, 3
Demonstrate citizenship through the exercise of a global perspective, understanding the diverse values and worldviews of other cultures while maintaining sensitivity and respect for those views, showing genuine interest in human and environmental sustainability, and seeking to solve authentic problems to that end in the context of life and career skills.	Citizenship	1, 2	EO 2, 3

## Elementary Education Major Student Learning Outcomes

Learning Outcome	Category	North Carolina Professional Teaching Standard	Montreat College Educational Objectives
The candidate will communicate effectively with all stakeholders to facilitate learning for all students.	Communication	1, 4	EO 1
The candidate will think systematically and critically about student learning and their own teaching as they investigate and consider new ideas to improve teaching and learning	Critical Thinking;	1, 3, 4, 5	EO 1
The candidate works collaboratively with professionals and stakeholders to ensure a respectful environment for a diverse population of students.	Collaboration	2, 4	EO 2, 3
The candidate planning is aligned with the North Carolina Standard Course of Study, and includes a variety of instructional methods, including technology, to facilitate learning for their students	Creativity	3, 4	EO 1
The candidate participates in professional learning community (PLC) activities, demonstrating ethical behavior (based on the Code of Ethics for North Carolina Educators and the Standards for Professional Conduct) at all times.	Character	1, 2	EO 2, 3
The candidate establishes a respectful classroom environment where diversity is embraced, and all students' learning needs are met.	Citizenship	1, 2	EO 2, 3

### Why Study Education at Montreat College?

Education is a dynamic profession, in which the classroom teacher remains on the front edge of research and methods applied in an ever-changing global environment.

Educational theory is integrated with professional practice and professional service and is taught through the lens of a Christian worldview. Graduates of Montreat College Teacher Education Program will be prepared through intellectual inquiry, spiritual formation, and an understanding of their calling and career to pursue the ministry of education in both public and private schools at home in the United States or abroad, wherever the calling of God takes them.

### After Graduation

The faculty of the Education Department remains available to all graduates whether they are preparing to enter the professional world or are already in it. Graduates from this program should always feel welcome to contact the Education Department should questions or a need of assistance arise.

Progressing Toward Licensure – The Montreat Way

### Acceptance to the Teacher Education Program

Acceptance for admission is not and should not be confused with acceptance into the Teacher Education Program (TEP). Neither should declaring Elementary Education as a major.

Acceptance to the TEP is granted to any Montreat student who meets the standards established by the College's Teacher Education Committee (TEC) as found in the Teacher Education Handbook and the North Carolina State Department for Public Instruction (NC-DPI).

### Preparing for Formal Admission to TEP

Formal admission to the TEP usually occurs after the junior year; however, the student must complete courses in the Elementary Education major degree plan during the freshman through junior years in preparation for it. (See "Entrance Requirements for the Teacher Education Program – Professional Year" below.)

Candidates will meet the following guidelines:

1. Proficiency in oral and written communication through completion of General Education competency requirements and interviews with the Education faculty and representatives of the Montreat TEC.
2. State designated minimum scores: (156) on the ETS CORE Reading, (162) on CORE Writing, and (150) on CORE Math, or minimum scores on the SAT of 1170 on the appropriate subtests, or minimum scores of 24 on the ACT on the appropriate subtests.
3. Minimum overall GPA of 2.75 and a 3.0 in all education courses.
4. A recommendation from the Department Chair regarding the candidate's interest in and suitability for teaching.

**Students are required to have a background check, TB test, and current North Carolina Health Form on file with Montreat College to participate in all education courses that include Focused Field Experiences.**

### **Requirements for Program Continuation after Gateway 1**

- Maintain a career GPA of 3.0 in the education core courses.
- Maintain a career GPA of no less than 2.75.
- Demonstrate dispositions identified within the program.
- Complete appropriate Gateways.

### **Entrance Requirements for the Teacher Education Program (Professional Year)**

- Maintain a career GPA of 3.0 in the education core courses.
- File an "Application for Student Teaching" form with the Education Department.
- Update all necessary vaccinations and health tests.
- Complete an interview with Education faculty and representatives of the Montreat TEC for the purpose of determining professional competence/dispositions.
- Complete appropriate Gateways.
- Appropriate SAT or ACT scores or passing scores on the ETS CORE tests
- Take the Pearson Foundations of Reading and General Curriculum tests
- Take the state required content tests

### **Requirements for Licensure in Education**

To receive a teaching license, candidates must major in Elementary Education and take the licensure courses in Education. In addition, graduates must also pass the required tests for North Carolina: Pearson Foundations of Reading <https://www.nc.nesinc.com/> (191), the ETS [Elementary Education: Content Knowledge for Teaching Mathematics CKT Subtest](#) (7813), and meet state mandated minimum scores for edTPA to be eligible for licensure in the North Carolina state school system.

Students are required to have a background check, TB test, and current North Carolina Health Form on file with Montreat College in order to participate in all education courses requiring Focused Field Experiences.

### **Gateway 1: Requirements Check for Continuing in Education Courses**

1. 2.75 overall GPA and 3.0 GPA in education courses.
2. Disposition Self-Evaluation (Completed in EDUC 1111 or EDUC 1210).
3. ETS CORE: attempted/or meet state designated minimum scores
4. If state designated minimum scores are not met by beginning of 300 level coursework (junior year), students will be required to change their major from Elementary Education (licensure) to Educational Studies (non-licensure) until appropriate scores are met. Transfer students with 60 hours or more must complete/meet the CORE minimum requirements by the end of their first semester enrolled with Montreat College.

*Typically, candidates will complete Gateway 1 at the end of the sophomore year.*

*Candidates will not be allowed continued enrollment in education courses without approval of their advisor based on the GPA check by the Department of Education.*

### **Gateway 2: Entrance Requirements for Education Candidates**

Acceptance by Montreat College should not be confused with acceptance into the Montreat Teacher Education Program (TEP). Admission to Montreat TEP is open to all Montreat College students who meet the standards established by Montreat College's Teacher Education Committee (TEC) and the North Carolina Department of Public Instruction (NC-DPI).

Formal Admission to Montreat TEP usually occurs after the junior year. Candidates will meet the following guidelines:

1. Minimum overall GPA of 2.75 and a 3.0 in all education courses.
2. Meet State designated minimum scores:  
(156) ETS CORE Reading, (162) CORE Writing, and (150) CORE Math, or minimum scores on the SAT (1170 Composite, or EBRW 600, or Math 570) on the appropriate subtests, or minimum scores on the ACT (24 Composite or 24 English, or 24 Math) on the appropriate subtests.
3. Reference: K-6 Faculty.
4. Reference: Content Faculty.
5. Reference: Education Faculty.
6. Submit Application to Montreat Teacher Education Program.
7. Interview with Montreat Teacher Education Committee representatives.
8. Pearson Foundations of Reading, <https://www.nc.nesinc.com/> (191) and ETS [Elementary Education: Content Knowledge for Teaching Mathematics CKT Subtest](#) 7813): attempted and/or meet state designated minimum scores.
9. Clear background check, TB test, and current North Carolina Health Form on file.
10. Must submit a completed and signed Code of Ethics for North Carolina Educators.
11. Keep address, phone number, email address and other changeable information up-to-date in the Education Office.
12. Must be admitted by the Teacher Education Committee which has representation from the College and public and private school systems.

*Unless candidates have been admitted to the Montreat Teacher Education Program, they will not be permitted to continue with classes in the Education Major if they are seeking NC licensure.*

### **Gateway 3: Entrance Requirements for Student Teaching II**

1. Maintain a career GPA of 3.0 in the education core courses.
2. Meet state designated minimum scores on state required content tests
3. Submit "Application for Student Teaching II" with the Education Department.
4. Evaluation: Student Teaching I – college supervisor.
5. Evaluation: Student Teaching I – cooperating teacher.
6. Evaluation: Student Teaching I – candidate (self-evaluation).
7. Interview with Education faculty and Montreat Teacher Education Committee representatives for the purpose of determining professional competence and dispositions.
8. Formal approval by the Montreat Teacher Education Committee.

### **Gateway 4: Completion of the Montreat Teacher Education Program**

1. Exit interview
2. Student Teaching II
3. EDUC 4513 Seminar III: Issues in Education
4. Exit Portfolio
5. State designated minimum score on edTPA

*Unless a candidate successfully completes her/his student teaching, including portfolio submission and participation in EDUC 4513 Seminar III: Issues in Education, s/he will not be approved for licensure in the State of North Carolina but could graduate with a major in Educational Studies. EDUC 4522 Student Teaching II will substitute for EDUC 4532 Extended Field Experience II in the Educational Studies Program.*

The Montreat College Director of Teacher Education/licensure officer will also determine if a candidate is suitable for the North Carolina Public School classroom. His/her signature is also required for approval for licensure and will not be given until the candidate has earned passing scores on the North Carolina Pearson Test: Foundations of Reading (<https://www.nc.nesinc.com/>), [Elementary Education: Content Knowledge for Teaching Mathematics CKT Subtest](#) (7813) and edTPA.

### **Requirements for a B.S. in Elementary Education**

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Maintain a minimum 3.0 grade point average in Education courses

- Maintain a minimum 2.75 grade point average in all courses
- Completion of all Gateways
- Completion of student teaching experience with a state-approved score
- Completion of the senior exit portfolio

**Elementary Education Major for the Bachelor of Science ..... 120**

General Education Curriculum .....	55
Humanities Courses for the Major.....	3
EDUC 2330    Children’s Literature.....	3
Social Science Course for the Major.....	3
Choose one of the following:	
PSYC 1200    General Psychology .....	3
SOC1 1100    Introduction to Sociology.....	3
Balance of General Education Curriculum .....	49
Major Curriculum.....	65
Group A – Required Courses .....	62
Complete each of the following:	
EDUC 1111    Foundations of Education.....	3
EDUC 1210    Technology in Education.....	3
EDUC 2310    Integrating Health and the Arts .....	3
EDUC 2330    Children’s Literature <sup>1</sup> .....	(3)
EDUC 3221    Math Methods K-3.....	3
EDUC 3222    Math Methods 4-6.....	3
EDUC 3331    Teaching Reading and Literacy I .....	3
EDUC 3230    Teaching Science.....	4
EDUC 3231    Teaching Science Lab .....	0
EDUC 3511    Seminar I: Education in North Carolina .....	1
EDUC 3410    Teaching Social Studies .....	3
EDUC 3332    Teaching Reading and Literacy II .....	3
EDUC 4440    Educational Psychology.....	3
EDUC 4430    Classroom Management.....	3
EDUC 4450    Assessment in Education.....	3
EDUC 4512    Seminar II: Issues in Education .....	1
EDUC 4420    Diversity and Exceptionalities in the Classroom .....	3
EDUC 4521    Student Teaching I .....	5
EDUC 4522    Student Teaching II .....	12
EDUC 4513    Seminar III: Issues in Education.....	3
Free Electives.....	3
Recommended Electives:	
OREC 2311    Survey of Environmental Education Curricula.....	3
OREC 2330/2331  Teaching Methods & Curriculum Development in Outdoor Recreation .....	4
EDUC 3460    Christian Philosophy of Education (Optional for ACSI Cert.) .....	3

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<sup>1</sup> Course is counted in the General Education curriculum. It satisfies both requirements.

## **Educational Studies Major (Non-Certification Major)**

The Educational Studies Major prepares students to work outside the traditional classroom setting. Students in the Educational Studies program will develop a better understanding of the teaching and learning process to work in organizations that support the development of children, youth, and/or adults. This degree is also appropriate for students who intend to pursue graduate studies in other liberal arts areas such as counseling, social work, and youth ministry to name a few.

*This program does not lead to teacher certification, does not require admission to any teacher certification program, and requires a GPA of 2.0 for graduation. A student cannot earn an Educational Studies major and a major in any teacher certification area.*

### **The Educational Studies Discipline**

The study of education develops and deepens an understanding of the 21<sup>st</sup> Century landscape of education nationally, both in public and private settings. The focus of this discipline is on working with individuals from all backgrounds, integrating the science of teaching with the practical aspect of working in a variety of settings.

### **Why Study Educational Studies at Montreat College?**

While teaching is scripturally identified as a gift from God, (Romans 12: 6, 7; Eph. 4:11, 12), there are many opportunities for this gift to be exercised beyond teacher certification. The Educational Studies program provides the same high level of pedagogical instruction and training for this **non-certification pathway** as the certification pathway to fully prepare graduates for their calling and career.

### **After Graduation**

Those who major in Educational Studies will find many opportunities to exercise their gifts and calling. They may enter occupations such as:

- Adult education/adult literacy/GED teacher
- Private/Christian school education
- Missions ministry
- Teaching English overseas
- Museum/Science/Nature Center
- Prison education
- Youth advocacy/community programs serving children and families
- Rehabilitation services
- Human resource training and development
- Non-profit development
- Youth ministry/program counselor
- Instructional/textbook design
- Supplemental education provider
- Pursue graduate studies in counseling and social work.

This preparation will also be of value to those seeking to homeschool and/or teach in the church setting, i.e. Sunday School, Vacation Bible School, and youth clubs.

### **Requirements of a B.S. in Educational Studies**

- General degree requirements (page 63)

**Education Studies Major for a Bachelor of Science ..... 120**

General Education Curriculum ..... 55

Major Curriculum ..... 36

Group A – Required Courses ..... 18

Complete each of the following:

EDUC 1111	Foundations of Education .....	3
EDUC 1210	Technology in Education .....	3
EDUC 4440	Educational Psychology .....	3
EDUC 4430	Classroom Management .....	3
EDUC 4420	Diversity and Exceptionalities in the Classroom.....	3
EDUC 4531	Extended Field Experience .....	3

Group B – Selected Courses ..... 6

Choose six hours from the following:

EDUC 2330	Children’s Literature <sup>1</sup> .....	3
EDUC 2310	Integrating Health and the Arts.....	3
EDUC 3221	Math Methods (K-3) .....	3
EDUC 3331	Teaching Reading and Literacy I.....	3
EDUC 3230/3231	Teaching Science and Lab .....	4
EDUC 3410	Teaching Social Studies.....	3
EDUC 3460	Christian Philosophy of Education .....	3
EDUC 3332	Teaching Reading and Literacy II .....	3

Group C – Electives for the Major ..... 12

Choose twelve hours from the following; Do not repeat courses taken to complete Group B; A minimum of 6 hours must be in courses numbered 3000 or above

COMM 1203	Communication Theory and Research.....	3
COMM 4313	Public Relations and Social Media Strategies.....	3
COMM 3215	Communication Research Methods.....	3
COMM 4344	Nonprofit Organizational Communication .....	3
COMM 3359	Web Design .....	3
EDUC 2330	Children’s Literature <sup>1</sup> .....	3
EDUC 2310	Integrating Health and the Arts.....	3
EDUC 3221	Math Methods (K-3) .....	3
EDUC 3331	Teaching Reading and Literacy I.....	3
EDUC 3230/3231	Teaching Science and Lab .....	4
EDUC 3410	Teaching Social Studies.....	3
EDUC 3460	Christian Philosophy of Education .....	3
EDUC 4532	Extended Field Experience II.....	12
OREC 2311	Survey of Environmental Education Curricula .....	3
OREC 2330/2331	Teaching Methods and Curriculum Development in Outdoor Recreation with Lab .....	4
PSYC 1100	Psychology Applied to Modern Life.....	3
PSYC 1200	General Psychology.....	3
PSYC 2100	Child and Adolescent Development.....	3
PSYC 2110	Adult Development and Aging .....	3
PSYC 2300	Research Methods .....	3
PSYC 2400	Personality.....	3
PSYC 3100	Abnormal Psychology .....	3

<sup>1</sup> Will also satisfy 3 hours of the General Education Humanities requirement.

PSYC 3110	Social Psychology.....	3
SOCI 1100	Introduction to Sociology .....	3
SOCI 1200	Marriage and Family.....	3
SOCI 1300	Social Problems .....	3
SOCI 2100	Social Welfare and Social Services .....	3
MNST 3110	Discipleship and Lifestyle Evangelism .....	3
YMIN 3210	Ministry to Children.....	3

The academic advisor may approve other electives.

Free Electives.....	29
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## Educational Studies Minor

The Educational Studies minor provides a pathway for those who major in another area of study while desiring a background in education. This would be a beneficial minor for students seeking to pursue Lateral Entry to K-12 education in the future.

### **Educational Studies Minor.....18**

Group A – Required Courses .....	15
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Complete each of the following:

EDUC 1111	Foundations of Education.....	3
EDUC 1210	Technology in Education.....	3
EDUC 4440	Educational Psychology .....	3
EDUC 4430	Classroom Management .....	3
EDUC 4420	Diversity and Exceptionalities in the Classroom.....	3

Group B – Electives for the Minor <sup>1</sup> .....	3
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Choose one of the following:

EDUC 2330	Children’s Literature.....	3
EDUC 2310	Integrating Health and the Arts .....	3
EDUC 3221	Math Methods (K-3) .....	3
EDUC 3331	Teaching Reading and Literacy I.....	3
EDUC 3230/3231	Teaching Science and Lab.....	4
EDUC 3410	Teaching Social Studies .....	3
EDUC 3460	Christian Philosophy of Education .....	3
EDUC 3332	Teaching Reading and Literacy II.....	3
EDUC 4450	Assessment in Education .....	3

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<sup>1</sup> The academic advisor may approve other electives.

## English Major

“Writers do not merely reflect and interpret life; they inform and shape life.” Animated by that conviction, the English major is designed to equip graduates to read closely, think critically, write with clarity, creativity, and conviction. Students learn how language has been employed to create literature that has both delighted and moved audiences. They are encouraged to develop their own individual voices as they study many others found among English, American, and non-Western authors. The major integrates an affirmation of the beauty and power of language with an appreciation of the complexity of narrative worlds.

### The English Discipline

Three concentrations are available to the English major: Literature, Creative Writing, and Professional Writing. A concentration in literature provides students with a foundational understanding of the world's great written works ranging from Shakespeare and Toni Morrison. Graduates in the literature concentration will gain familiarity with the major schools of literary criticism, an understanding of genres, practical application of language, and a understanding of the links between literature and cultural milieus. Communication courses supply students with technical and theoretical knowledge in journalism and theatre they can apply in professional settings. Creative writing courses provide English majors a forum for growth of their own literary craft, where they can achieve competence in writing poetry, fiction, and literary nonfiction.

### Why Study English at Montreat College?

English courses combine scholarship with a thoughtful Biblical worldview with. Blending literature, creative writing, and professional communication skills into a unified major is a unique feature of Montreat's program. Students focus on a single concentration yet apply courses from the other two concentrations toward their degree requirements. This cohesive approach toward studying literature and professional writing under a faculty that includes practiced scholars and published authors provides students with a firm grasp of the literary craft as well as technical writing. English majors cap their coursework with a Senior Thesis on a topic they Choose in conjunction with an advisor.

### Student Involvement

Practicum, ENGL 3071, gives English students the opportunity for professional employment experience, usually in the field of public information. At the Writing Center, students skillful in writing offer one-on-one consultation to their peers on writing assignments. *The Lamp Post*, Montreat College's literary magazine and *The Whetstone*, the college newspaper, are excellent avenues through which students can develop their write for publication while receiving academic credit.

### After Graduation

Public information professional editing comprises a large employment field for graduates in English. ministry, law, library science, education and civil service are also fields open to English graduates. In addition, many students majoring in English at Montreat College will continue their studies at the graduate level.

### Requirements for a B.A. in English

#### Degree Components:

Completion of a foreign language (Spanish, Greek, or other approved language) through the elementary level (6 credits or equivalent)\*\*

Completion of the Major Field Test

\*One English literature class from the major can count toward the Gen-Ed reading competency.

\*ENGL 2510 in the Professional Writing concentration can count toward the Gen-Ed oral competency. The prerequisite of BUSN 1101 is waived for English majors.

### Requirements for a Bachelor of Science in English

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Bachelor of Arts foreign language requirement (page 71)
  - Major Field Test

**Choose from these English concentrations:**

<u>Concentration</u>	<u>Hours</u>
Literature .....	42
Creative Writing.....	42
Professional Writing.....	42
Special Emphasis .....	50

**Literature Concentration**

The Literature Concentration allows students to learn literary interpretation by examining a wide range of literary texts. Students Choose courses from three broad categories: early British literature, later British literature, and United States literature. Historical, Christian, and formal modes of interpretation are stressed, in order to see the connections between classic imaginative stories and the issues of human meaning found in art, economics, history, and current events.

**English Major with Literature Concentration for Bachelor of Arts.....120**

General Education Curriculum .....	55
Reading Competency .....	3
ENGL           Literature course; met by one course from Group A, below.....	3
Humanities Course for the Major .....	3
Choose one of the following:	
PHIL 2401     Introduction to Philosophy .....	3
PHIL 2902     Modern Secular-Christian Worldviews .....	3
Balance of General Education Curriculum .....	46
Concentration Curriculum - Literature .....	39
Group A – Required Courses .....	21
<i>Hours in group total 24. Three hours are counted in General Education, above.</i>	
Complete each of the following:	
ENGL 2201     Survey of English Literature I .....	3
ENGL 2212     Survey of English Literature II.....	3
ENGL 2410     World Literature I .....	3
ENGL 3221     Shakespeare.....	3
ENGL 3311     Literature of the United States I.....	3
ENGL 3312     Literature of the United States II .....	3
ENGL 4730     Literary Criticism .....	3
ENGL 4740     Bibliography for Research .....	1
ENGL 4091     Senior Thesis .....	2
Group B – British Literature through the 18 <sup>th</sup> Century .....	6
Choose two from the following:	
ENGL 3220     Middle English Literature.....	3
ENGL 3340     Restoration & Eighteenth Cent. British Literature.....	3
ENGL 3232     Milton .....	3
ENGL 3231     Renaissance Literature .....	3
Group C – British Literature since the 18 <sup>th</sup> Century .....	6
Choose two from the following:	
ENGL 3241     Romantic British Literature.....	3
ENGL 3242     Victorian Literature.....	3
ENGL 3450     Contemporary Literature.....	3
ENGL 3250     Twentieth Century British Writers.....	3

Group D – English Electives .....	6
Choose six hours of Upper-Level (3000 or higher) courses from the following:	
ENGL 3xxx      Course in the English discipline.....	3
ENGL 3xxx      Course in the English discipline.....	3
COMM 3318     Film History and Theory.....	3
COMM 3341     Practicum.....	1-3
Foreign Language Curriculum .....	12
See “Bachelor of Arts” requirements (page 71)	
Free Electives.....	14

### **Creative Writing Concentration**

The Creative Writing concentration at Montreat College is designed to provide students the opportunity to pursue their passion for imaginative writing of poetry, short fiction, literary non-fiction, and the novella. English Creative- Writing majors work alongside professors and peers in small, intensive workshop-style classes. In addition, Creative Writing majors are provided the opportunity to showcase their work through the College sponsored reading series and submissions to *Q*, the Montreat College literary magazine. Our future poets, essayists, and novelists—all Montreat College student writers—are encouraged to have their voices heard through participation in area writing festivals, contests, lectures, and public readings.

### **English Major with Creative Writing Concentration for Bachelor of Arts ..... 120**

General Education Curriculum .....	55
English for the Major .....	3
ENGL      Literature course; met by one course from Group A, below.....	3
Humanities Course for the Major .....	3
Choose one of the following:	
PHIL 2401    Introduction to Philosophy .....	3
PHIL 2902    Modern Secular-Christian Worldviews .....	3
Balance of General Education Curriculum .....	46
Concentration Curriculum – Creative Writing.....	39
Group A – Required Courses .....	15
<i>Hours in group total 18. Three hours are counted in General Education, above.</i>	
Complete each of the following:	
ENGL 2211    Survey of English Literature I .....	3
ENGL 2212    Survey of English Literature II .....	3
ENGL 2410    World Literature I .....	3
ENGL 3221    Shakespeare.....	3
ENGL 4730    Literary Criticism .....	3
ENGL 4740    Bibliography for Research .....	1
ENGL 4091    Senior Thesis .....	1
Group B – U.S. Literature.....	3
Choose one from the following:	
ENGL 3311    Literature of the United States I.....	3
ENGL 3312    Literature of the United States II.....	3
Group C – Writing Electives.....	12
Choose four from the following:	
ENGL 3610    Creative Nonfiction Writing .....	3
ENGL 3620    Poetry Writing.....	3
ENGL 3630    Short Story Writing.....	3
ENGL 3640    Writing Children’s Literature.....	3
ENGL 3650    Outdoor and Nature Writing.....	3
THEA 3501    Playwriting/Screenwriting .....	3

Group D – English Electives .....	9
Choose nine hours of Upper-Level (3000 or higher) courses from the following:	
ENGL 3xxx      Course in the English discipline .....	3
ENGL 3xxx      Course in the English discipline .....	3
ENGL 3xxx      Course in the English discipline .....	3
COMM 3318     Film History and Theory .....	3
COMM 3341     Practicum.....	1-3
Foreign Language Curriculum .....	12
See “Bachelor of Arts” requirements (page 71)	
Free Electives.....	14

### Professional Writing Concentration

The Professional Writing concentration allows English students to explore career tracks in English and related disciplines such as Communication. Students also receive a thorough grounding in literature and analytical/critical thinking skills.

### English Major with Professional Writing Concentration for Bachelor of Arts .....120

General Education Curriculum .....	55
Reading Competency .....	3
ENGL      Literature course; met by one course from Group C, below.....	3
Oral Competency .....	3
ENGL 2510    Business Communication.....	3
Humanities Course for the Major .....	3
Choose one of the following:	
PHIL 2401    Introduction to Philosophy .....	3
PHIL 2902    Modern Secular-Christian Worldviews .....	3
Balance of General Education Curriculum .....	43
Concentration Curriculum – Professional Writing.....	31
Group A – Required Courses .....	16
Complete each of the following:	
COMM 2228    Media Ecology .....	4
COMM 4313    Public Relations.....	3
COMM 4344    Nonprofit Organizational Communication.....	4
ENGL 2510 <sup>1</sup> Business Communication.....	(3)
ENGL 3720    Literary Magazine Editing .....	2
ENGL 4740    Bibliography for Research .....	1
ENGL 4091    Senior Thesis .....	2
Group B – Writing and Research.....	3
Choose one from the following:	
COMM 2347    Journalism I: News Writing & Reporting.....	3
COMM 2348    Journalism II: Sports Reporting & Feature Writing.....	3
Group C – British and World Literature .....	(3)
<i>Course taken here is tallied in General Education, above.</i>	
Choose one from the following:	
ENGL 2211    Survey of English Literature I.....	3
ENGL 2212    Survey of English Literature II.....	3
ENGL 2410    World Literature .....	3

<sup>1</sup> BUSN 1101 as a prerequisite for this course is waived.

ENGL 3221	Shakespeare.....	3
Group D – U.S. Literature .....		3
Chose one from the following:		
ENGL 3311	Literature of the United States .....	3
ENGL 3312	Literature of the United States .....	3
Group E – Modern Literature.....		3
Chose one from the following:		
ENGL 3250	Twentieth-Century British Writers.....	3
ENGL 3450	Contemporary Literature .....	3
Group F – English and Communication Electives .....		6
Choose six hours of Upper-Level (3000 or higher) courses from the following:		
ENGL 3xxx	Course in the English discipline.....	3
ENGL 3xxx	Course in the English discipline.....	3
COMM 3xxx	Course in the Communication discipline .....	3
COMM 3xxx	Course in the Communication discipline .....	3
Foreign Language Curriculum .....		12
See “Bachelor of Arts” requirements (page 71)		
Free Electives.....		22

### Special Emphasis Concentration

The Special Emphasis Concentration allows students to design a program of study focused on an area of interest outside the core curriculum of their particular major. Working with a faculty member in their major, the student Chooses courses from other institutions or departments at Montreat College that can be integrated into their specific discipline. The Special Emphasis must be approved by the student’s academic advisor prior to completing sixty (60) credit hours.

#### Requirements for a Special Emphasis Concentration (32 credits)

The Special Emphasis Concentration proposal must meet all the General Education and Competency requirements published in the Academic Catalog, including the language requirement for the BA degree. The proposal must include the following elements:

- A rationale for the program
- A description of one’s career objectives
- Identification of at least thirty-two (32) credit hours of coursework with supporting rationale from within the student's academic program
- Identification of at least eighteen (18) credit hours of additional coursework with supporting rationale, generally outside the student's chosen department, that directly supports the student's career objectives.

The proposal, once approved by the academic advisor, will be submitted to the Department for final approval.

## English Minor

The English minor at Montreat College gives students the opportunity to read, discuss, and write about illuminating works in Western Literature, and to receive instruction and practice in creative and professional writing. Students who minor in English are prepared to work as editors and writers in their major fields. Students will develop understanding of the world's social and cultural conditions and learn to communicate effectively through the written word.

The ENGL course taken to satisfy the General Education Reading/Literature requirement does not qualify for double use in the 18 hours for the English minor.

### English Minor ..... 18

ENGL	English Course <sup>1</sup> .....	3
ENGL	English Course <sup>1</sup> .....	3
ENGL 3xxx	English Course .....	3
ENGL 3xxx	English Course .....	3
ENGL 3xxx	English Course .....	3
ENGL 3xxx	English Course .....	3

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<sup>1</sup> Cannot be ENGL 1111 or ENGL 1112.

## **Environmental Science Major**

The Environmental Science program prepares students to understand and critically examine environmental issues from an interdisciplinary perspective, to teach in various outdoor settings, and to engage in scientific research. The program utilizes biological, chemical, and ecological course work and field experiences to prepare students for further academic studies or professional training and provides opportunities for career preparation and professional development through independent projects, teacher education, internships, and seminars.

### **The Environmental Science Discipline**

Environmental Science specialists are needed in order to understand and help solve the ecological problems posed by the 21<sup>st</sup> century. While these specialists must be knowledgeable in ecology, environmental science, experimental design, mathematical modeling, and physics, they also must be acquainted with ideas drawn from a wide range of related disciplines, including environmental philosophy, ethics, theology, history, literature, policy, law, and psychology. They must be skilled in research methods, written and oral communication, and conflict resolution.

### **Why Study Environmental Science at Montreat College?**

Montreat College's program is distinctively different. The program integrates a liberal arts education with a Christ-centered worldview. The student trained in environmental science will gain more than a solid understanding of basic principles. They will possess an understanding of the ethical and worldview implications involved in the application of environmental knowledge. Small, intimate classes foster discussion and interaction in every course. Students receive personalized attention and this allows for further integration of the Christian perspective into the environmental science curriculum. The instructors are highly accessible and genuine in their approach to students, serving as professors, mentors, and advisors. Faculty members work closely with each student based on his/her interests and career aspirations. It is our goal to help students transition from passive learner to budding colleague.

Montreat College also has vital connections with the International Au Sable Environmental Institute, the Council for Christian Colleges and Universities, and the Appalachian College Association which provide additional student opportunities for field research, grants and fellowships.

The program is integrative and academically rigorous. Much is expected from students, but they receive much in return. By providing a strong foundation in environmental science, Montreat College's program successfully prepares the student for graduate studies in a wide array of disciplines, including environmental science, plant and animal ecology, environmental economics, physical geography, environmental education, forest science, wildlife and fishery science, natural resource management, and medical research. It also provides opportunities to establish collaborative relationships with various groups, such as the Forest Service, the National Park Service, environmental organizations, research laboratories, and industry.

The program is situated within the ecologically diverse Southern Appalachian Mountains. Located in one of the most ideal areas for environmental science in the eastern United States, Montreat College is near four major wilderness areas, several national and state forests, the Great Smoky Mountains National Park, Mt. Mitchell State Park, Grandfather Mountain Biosphere Preserve, and numerous unique and diverse ecosystems. These range from Southern Appalachian cove forests to heath bald communities to high elevation spruce-fir forests. Through immersion in the natural environment, an experiential approach to learning, and a Christian perspective, Montreat College ultimately prepares the student for a lifelong adventure with many chances for success.

The Environmental Science major allows much room for individualization. Possible concentrations are the Natural Resource Management Concentration, Organismal Ecology Concentration and the Special Emphasis (self-designed) Concentration. These options ensure a well-tailored education for any student.

Additionally, the student majoring in Environmental Science can become a North Carolina Environmental Educator. This is done by taking OREC 2311 Survey of Environmental Education Curricula as an elective.

### **After Graduation**

Upon completion of the Environmental Science program at Montreat College, the student has a wide selection of options, such as ecologist, fish or wildlife biologist, naturalist, environmental economist, environmental educator, or environmental consultant. Additionally, students might wish to receive a North Carolina State Certificate in Environmental Education or attend graduate school, thereby expanding their career choices. Government agencies and private companies eagerly look to the present generation to staff their offices as a source of youthful creativity, mature beliefs, and a strong environmental science background.

## Requirements for a Bachelor of Science in Environmental Science

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Upper-Level course requirement is limited to ENSC, BIOL, or CHEM courses

### Choose from these Environmental Science concentrations:

<u>Concentrations</u>	<u>Hours</u>
Natural Resource Management.....	9
Organismal Ecology .....	3
Special Emphasis .....	Varies

### Natural Resource Management Concentration

The Natural Resource Management concentration is designed to prepare students for graduate studies or for employment in government, industry, consulting, education, and non-profit organizations. This concentration integrates academic coursework with extensive field experience and provides students with the unique opportunity to study the biologically diverse Southern Appalachian ecoregion. Students learn how to connect scientific principles with conservation and resource management issues and how to develop practical solutions to contemporary environmental issues from an interdisciplinary perspective. Students electing to pursue this concentration may choose one of three emphases.

### Environmental Science Major with Natural Resource Management Concentration for Bachelor of Science .....

120-125

General Education Curriculum <sup>1</sup> .....	56
Biology Courses for Major .....	8
Pair A – Biological Principles I.....	4
Choose one lecture/lab pair from the following:	
BIOL 1111, 1101      Survey of Biological Principles I and Lab .....	4
BIOL 1123, 1103      Advanced Survey of Biological Principles I and Lab .....	4
Pair B – Biological Principles II .....	4
Choose one lecture/lab pair from the following:	
BIOL 1112, 1102      Survey of Biological Principles II and Lab .....	4
BIOL 1124, 1104      Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
MATH 1320 or higher .....	3
Oral Competency Course for Major .....	3
OREC 3212      Principles of Environmental Interpretation .....	3
Humanities Course for Major.....	3
PHIL 2902      Modern Secular-Christian Worldviews .....	3
Balance of General Education Curriculum .....	39
Major Curriculum.....	54
Group A – Required Courses.....	50
Complete each of the following:	
BIOL 2322      Animal Diversity and Ecology .....	4
BIOL 4331      Conservation Biology.....	3

<sup>1</sup> The standard General Education Curriculum is 55 hours. The Environmental Science major adds an additional one-hour lab raising the total to 56 hours.

CHEM 1111, 1102	General Chemistry I and Lab.....	4
CHEM 1112, 1102	General Chemistry II and Lab.....	4
ENSC 1112, 1102	Introduction to Environmental Science and Lab .....	4
ENSC 2211, 2201	Ecology and Lab .....	4
ENSC 2611	Sophomore Science Seminar .....	1
ENSC 3071	Practicum .....	1-3
ENSC 3211, 3201	Freshwater Ecosystems and Lab .....	4
ENSC 3711	Wildlife Biology .....	4
ENSC 3811	Research Methods .....	3
ENSC 4311	Natural Resource Management .....	3
ENSC 4610	Field Studies..... (minimum)	4
ENSC 4611	Senior Science Seminar .....	1
INDS 3610	Pre-Practicum.....	1
OREC 3320/3201	Environmental Policy and Law with Lab .....	3
Group B – Program Electives.....		4
Choose one of the following:		
ENSC 3511	American Ecosystems.....	4
ENSC 3611	Tropical Ecology.....	4
Concentration Curriculum – Natural Resource Management .....		9-15
Group C – Concentration Required Courses.....		9
Complete each of the following:		
BIOL 2323	Plant Diversity and Ecology.....	3
ENSC 2311	Environmental Sustainability .....	3
ENSC3311	Introduction to Geographic Information Systems .....	3
Group D – Emphasis Courses .....		3-6
Choose an emphasis below and complete all courses listed for it:		
Emphasis: Forest and Plant Ecology		
BIOL 3231	Plant Physiology .....	3
Emphasis: Wetland Ecology <sup>1</sup>		
Take ENSC 4610 twice as indicated below <sup>2</sup> :		
ENSC 4610	Field Studies: Wetland Ecosystems .....	2
ENSC 4610	Field Studies: Coastal Ecosystems.....	2
Emphasis: Wildlife Conservation Biology <sup>3</sup>		
BIOL 2222	Animal Physiology .....	3
BIOL 3711	Biostatistics .....	3
Free Elective for Wetland Ecology emphasis; all others exceed 120 hours .....		1

<sup>1</sup> Students choosing and completing this emphasis will, upon graduation, have sufficient credits/experience to apply for and receive a Wetland Professional in Training certification from the Society of Wetland Scientists.

<sup>2</sup> ENSC 4610 taken in the manner satisfies the major curriculum requirement and the Wetland Ecology emphasis requirement within the Natural Resource Management concentration. Because they are counted in Group A, these four hours are not counted in Group D.

<sup>3</sup> Students choosing and completing this emphasis will, upon graduation, have sufficient credits/experience to apply for and receive an Associate Wildlife Biologist® certification from the Wildlife Society.

**Environmental Science Major with Organismal Ecology Concentration  
for Bachelor of Science .....120**

General Education Curriculum <sup>1</sup> .....	56
Biology Courses for Major .....	8
Pair A – Biological Principles I.....	4
Choose one lecture/lab pair from the following:	
BIOL 1111, 1101    Survey of Biological Principles I and Lab .....	4
BIOL 1123, 1103    Advanced Survey of Biological Principles I and Lab .....	4
Pair B – Biological Principles II .....	4
Choose one lecture/lab pair from the following:	
BIOL 1112,1102    Survey of Biological Principles II and Lab .....	4
BIOL 1124,1104    Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
MATH 1320 or higher .....	3
Oral Competency Course for Major .....	3
OREC 3212    Principles of Environmental Interpretation .....	3
Humanities Course for Major.....	3
PHIL 2902    Modern Secular-Christian Worldviews .....	3
Balance of General Education Curriculum .....	39
Major Curriculum.....	54
Group A – Required Courses.....	50
Complete each of the following:	
BIOL 2322    Animal Diversity and Ecology .....	4
BIOL 4331    Conservation Biology.....	3
CHEM 1111, 1102    General Chemistry I and Lab.....	4
CHEM 1112, 1102    General Chemistry II and Lab.....	4
ENSC 1112, 1102    Introduction to Environmental Science and Lab .....	4
ENSC 2211, 2201    Ecology and Lab.....	4
ENSC 2611    Sophomore Science Seminar .....	1
ENSC 3071    Practicum .....	1-3
ENSC 3211, 3201    Freshwater Ecosystems and Lab .....	4
ENSC 3711    Wildlife Biology .....	4
ENSC 3811    Research Methods .....	3
ENSC 4311    Natural Resource Management .....	3
ENSC 4610    Field Studies .....	(minimum) 4
ENSC 4611    Senior Science Seminar.....	1
INDS 3610    Pre-Practicum .....	1
OREC 3320/3201    Environmental Policy and Law with Lab .....	3
Group B – Program Electives.....	4
Choose one of the following:	
ENSC 3511    American Ecosystems.....	4
ENSC 3611    Tropical Ecology.....	4

<sup>1</sup> The standard General Education Curriculum is 55 hours. The Environmental Science major adds an additional one-hour lab raising the total to 56 hours.

Concentration Curriculum – Organismal Ecology .....	3
Group C – Concentration Required Courses	
Complete the following:	
ENSC3311      Introduction to Geographic Information Systems .....	3
Group D – Emphasis Course <sup>1</sup>	
Choose an emphasis below and complete the course module listed for it:	
Emphasis: Herpetology	
ENSC 3711      Wildlife Biology (Herpetology Module) .....	3
Emphasis: Mammalogy	
ENSC 3711      Wildlife Biology (Mammalogy Module).....	3
Emphasis: Ornithology	
ENSC 3711      Wildlife Biology (Ornithology Module).....	3
Free Electives.....	7

### Special Emphasis Concentration

The Special Emphasis concentration allows a student to design a program of study focused on an area of interest outside the core Environmental Science curriculum. Past examples include programs in sustainable agriculture, watershed studies, environmental economics, wildlife and fisheries science, and geology. Working with an Environmental Science faculty member, the student Chooses courses from Montreat College or other institutions that can be integrated into an environmental discipline. Such programs must be approved by the academic advisor and by the Natural Science Department by the end of (a) the sophomore year or (b) the first semester of enrollment if a transfer student.

A student in the special emphasis concentration may elect to highly specialize the program of study. This is done under the supervision of their faculty advisor with the approval of the Natural Science Department. Flexibility to modify Environmental Science core program requirements and electives is possible to allow for the potential of an interdisciplinary major utilizing coursework outside of the Natural Science Department.

The plan for fulfillment of the Special Emphasis concentration requirements will developed by the student and the academic advisor and approved by the Natural Science Department faculty.

### Pre-Approved: The Au Sable Institute of Environmental Studies

The Institute <http://www.ausable.org/> offers four certification programs that are pre-approved for the Montreat Environmental Science Major's Special Emphasis Concentration:

- Certified Naturalist
- Certified Land Resources Analyst
- Certified Water Resources Analyst
- Certified Environmental Analyst

The student choosing an Au Sable certification program must (a) follow all guidelines and (b) complete all components for both the Au Sable certificate program and the Montreat College Special Emphasis concentration in the Environmental Science Major.

The student must be awarded the certificate by Au Sable. All six courses can be pursued through Au Sable, but if one of its certification programs does not provide all six courses, the additional courses can be pursued at Montreat College or other approved institution. Au Sable Institute general information may be found [here](#).

Au Sable certification programs information may be found [here](#) (pages 15-17 of the 2021 Bulletin).

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<sup>1</sup> Each emphasis in the Organismal Ecology concentration involves taking ENSC 3711 with a specific module. Taken in the manner, it satisfies the major curriculum requirement and the emphasis requirement within the Natural Resource Management concentration. Because they are counted in Group A, these four hours are not counted in Group D.

**Environmental Science Major with Special Emphasis Concentration  
for Bachelor of Science .....120**

General Education Curriculum <sup>1</sup> .....	56
Biology Courses for Major .....	8
Pair A – Biological Principles I.....	4
Choose one lecture/lab pair from the following:	
BIOL 1111, 1101    Survey of Biological Principles I and Lab .....	4
BIOL 1123, 1103    Advanced Survey of Biological Principles I and Lab .....	4
Pair B – Biological Principles II .....	4
Choose one lecture/lab pair from the following:	
BIOL 1112,1102    Survey of Biological Principles II and Lab .....	4
BIOL 1124,1104    Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
MATH 1320 or higher .....	3
Oral Competency Course for Major .....	3
OREC 3212    Principles of Environmental Interpretation .....	3
Humanities Course for Major.....	3
PHIL 2902    Modern Secular-Christian Worldviews .....	3
Balance of General Education Curriculum .....	39
Major Curriculum.....	54
Group A – Required Courses.....	50
Complete each of the following:	
BIOL 2322    Animal Diversity and Ecology .....	4
BIOL 4331    Conservation Biology.....	3
CHEM 1111, 1102    General Chemistry I and Lab.....	4
CHEM 1112, 1102    General Chemistry II and Lab.....	4
ENSC 1112, 1102    Introduction to Environmental Science and Lab .....	4
ENSC 2211, 2201    Ecology and Lab.....	4
ENSC 2611    Sophomore Science Seminar .....	1
ENSC 3071    Practicum .....	1-3
ENSC 3211, 3201    Freshwater Ecosystems and Lab .....	4
ENSC 3711    Wildlife Biology .....	4
ENSC 3811    Research Methods .....	3
ENSC 4311    Natural Resource Management .....	3
ENSC 4610    Field Studies .....	(minimum) 4
ENSC 4611    Senior Science Seminar.....	1
INDS 3610    Pre-Practicum .....	1
OREC 3320/3201    Environmental Policy and Law with Lab .....	3
Group B – Program Electives.....	4
Choose one of the following:	
ENSC 3511    American Ecosystems.....	4
ENSC 3611    Tropical Ecology.....	4
Concentration Curriculum – Special Emphasis .....	(minimum) 10

<sup>1</sup> The standard General Education Curriculum is 55 hours. The Environmental Science major adds an additional one-hour lab raising the total to 56 hours.

## Environmental Science Minor

<b>Environmental Science Minor .....</b>	<b>19</b>
Group A – Required Courses .....	14
Complete each of the following:	
BIOL 1111, 1101 Survey of Biological Principles I.....	4
ENSC 1112, 1102 Introduction to Environmental Science.....	4
ENSC 2211, 2201 Ecology.....	4
ENSC 4610 Field Studies .....	(minimum) 2
Group B – Electives for the Minor .....	5
Choose BIOL, CHEM, or ENSC courses totaling a minimum of five hours	

## Exercise Science Major

The Exercise Science program at Montreat College is designed to prepare individuals for careers in fitness and health promotion, strength and conditioning, wellness programs, and therapeutic programs. Students in the program learn how to assess and evaluate fitness levels for individuals and groups, and, how to design, implement, manage, and evaluate fitness programs. Graduates of the program will find employment opportunities in both public and private health and fitness facilities, and worksite and health care settings. The program also provides appropriate preparation for individuals desiring to pursue graduate study in fitness, health, and exercise science programs.

### The Exercise Science Discipline

Exercise science deals with the study of immediate and long-term effects of physical activity on the human body. The field of study of exercise science is very diverse and includes several areas of inquiry. Two areas of inquiry for individuals interested in this field include sports performance and health-related components of physical activity. The health-related components of physical activity have been researched and the need for further research is prominent because of the obesity epidemic and the lack of physical activity of children. Sports performance of children, young adults and older adults involves biomechanical analysis, psycho/social analysis of sports as well as nutrition and physiological analysis. Exercise science is a non-teaching major that has emerged in response to concerns about the lack of physical activity, obesity, and increased risks of developing diseases. The exercise science field provides the opportunity to study the scientific basis of sport performance. The National Association for Sport and Physical Education (NASPE) provides guidelines for basic standard courses for the field. This field of study may also be entitled Movement Science, Fitness, or Kinesiology. Some individuals volunteer in a physical therapy setting as well as work in gyms to obtain experience in this area. It is suggested that students do volunteer work in order to gain experience in the field they are to specialize in.

### Career Opportunities

Undergraduate programs in Exercise Science prepare students to attend professional schools in physical therapy, medicine, chiropractic, occupational therapy, and exercise physiology. Exercise Science graduates are prepared for careers in corporate fitness, agency fitness (YMCA, YWCA, etc.), health clubs, managers of fitness facilities, personal trainers, and strength and conditioning coaches. Another career option is to attend graduate school. Many of these positions require certification from organizations such as the American College of Sports Medicine (ACSM), National Strength and Conditioning Association (NSCA) or Aerobic and Fitness Association of America (AFAA). There is a diversity of career options in this field – from medicine to personal trainer.

### Why Study Exercise Science at Montreat College?

At Montreat College, the Exercise Science degree is designed to prepare individuals for careers in fitness and health promotion, strength and conditioning, and wellness programs. With this curricula, Montreat College is a Recognized Undergraduate Strength and Conditioning Program by the National Strength and Conditioning Association.

The program takes a Christ-centered approach in small, intimate classes. Within the department, the faculty is highly accessible and genuine in their approach to students. Students in the program learn how to assess and evaluate fitness levels for individuals and groups, design, implement, manage, and evaluate fitness programs. All students gain hands-on experience through the completion of a practicum or internship in a local health/fitness facility.

### After Graduation

Students will find employment opportunities in both public and private health and fitness facilities, worksite and health care settings. The program also provides appropriate preparation for individuals desiring to pursue graduate study in physical/occupational therapy, fitness, health, and exercise science programs.

### Requirements for a Bachelor of Science in Environmental Science

- General degree requirements (page 63)
- Specific degree requirements:
  - Complete an Exercise Science concentration
  - Complete the Major Field Test

**Choose from these Exercise Science Concentrations:**

<u>Concentration</u>	<u>Hours</u>
Pre-Professional.....	19
Health and Fitness .....	18
Physical Education.....	18
Special Emphasis.....	18

**Pre-Professional Concentration**

The Pre-professional concentration offers a wide range of courses designed to prepare students for careers in physical therapy, medicine, chiropractic, occupational therapy, and exercise physiology, and professional or graduate schools.

**Exercise Science Major with Pre-Professional Concentration for Bachelor of Science .....121**

General Education Curriculum <sup>1</sup> .....	56
Biology Courses for Major .....	8
Pair A – Biological Principles I.....	4
Choose one lecture/lab pair from the following:	
BIOL 1111, 1101    Survey of Biological Principles I and Lab.....	4
BIOL 1123, 1103    Advanced Survey of Biological Principles I and Lab.....	4
Pair B – Biological Principles II.....	4
Choose one lecture/lab pair from the following:	
BIOL 1112,1102    Survey of Biological Principles II and Lab .....	4
BIOL 1124,1104    Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
Choose one of the following:	
MATH 1310        Essentials of Algebra .....	3
MATH 1320        College Algebra.....	3
Oral Competency for Major .....	3
Choose one of the following	
COMM 1220        Public Speech and Rhetorical Analysis .....	3
OREC 3212        Principles of Environmental Interpretation .....	3
Social Science for Major (Required for concentration; tallied here; satisfies both) .....	3
Choose one of the following	
PSYC 1100        Psychology Applied to Modern Life .....	3
PSYC 1200        General Psychology .....	3
Balance of General Education Curriculum .....	39
Major Curriculum.....	48
Group A – Required Courses .....	42
Complete each of the following:	
BIOL 2211, 2201    Human Anatomy and Physiology I and Lab .....	4
BIOL 2212, 2202    Human Anatomy and Physiology II and Lab.....	4
EXSC 2411        Introduction to Exercise Science.....	3
EXSC 3421        Physiology of Exercise .....	3
EXSC 3422        Exercise Testing and Measurements .....	3
EXSC 3424        Exercise Prescription .....	3
EXSC 3426        Structural Kinesiology .....	3
EXSC 3428        Biomechanics .....	3
EXSC 4421        Scientific Principles of Strength and Conditioning .....	3

<sup>1</sup> The standard General Education Curriculum is 55 hours. The biology major adds an additional one-hour lab raising the total to 56 hours.

EXSC 4422	Facility Planning for PE, Recreation, and Athletics .....	3
EXSC 4811	Senior Seminar .....	3
HLSC 1411	Health .....	3
HLSC 2411	Human Nutrition .....	3
INDS 3610	Pre-Internship.....	1
Group B – Statistics .....		3
Choose one of the following:		
BIOL 3711	Biostatistics .....	3
MATH 1220	Elementary Probability and Statistics .....	3
Group C – Practicum/Internship.....		3
Choose one of the following:		
EXSC 3071	Practicum.....	3
EXSC 4071	Internship .....	3
Concentration Curriculum – Pre-Professional .....		16
Group D – Concentration Required Courses .....		16
Complete each of the following:		
CHEM 1111, 1101	General Chemistry I and Lab .....	4
CHEM 1112, 1102	General Chemistry II and Lab .....	4
PHYS 1311, 1301	College Physics I and Lab.....	4
PHYS 1312, 1302	College Physics II and Lab .....	4
Group E – Concentration Electives (Tallied in General Education above).....		(3)
Choose one of the following:		
PSYC 1100	Psychology Applied to Modern Life .....	3
PSYC 1200	General Psychology .....	3

### Health and Fitness Concentration

The Health and Fitness concentration offers courses designed to prepare students to be able to train others as a personal trainer, strength and conditioning coach, and many other career options. Graduates of this program will be able to perform fitness assessment procedures and interpret the results according to health-related and high physical fitness standards as well as provide fitness prescription for healthy and unhealthy populations.

The health and fitness concentration has been designed to turn students into instructors that will teach and guide others in ways to assess and develop fitness skills and change behavioral strategies for achieving higher levels of fitness.

During the course of this concentration, students will acquire an American Red Cross CPR certification, and the preparation to qualify to take occupational certification exams in order to be a personal trainer, strength and conditioning specialist, and/or exercise specialist from a nationally recognized organization.

### Exercise Science Major with Health & Fitness Concentration for Bachelor of Science .....120

General Education Curriculum <sup>1</sup> .....		56
Biology Courses for Major .....		8
Pair A – Biological Principles I.....		4
Choose one lecture/lab pair from the following:		
BIOL 1111, 1101	Survey of Biological Principles I and Lab .....	4
BIOL 1123, 1103	Advanced Survey of Biological Principles I and Lab .....	4

<sup>1</sup> The standard General Education Curriculum is 55 hours. The biology major adds an additional one-hour lab raising the total to 56 hours.

Pair B – Biological Principles II.....	4
Choose one lecture/lab pair from the following:	
BIOL 1112,1102 Survey of Biological Principles II and Lab .....	4
BIOL 1124,1104 Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
Choose one of the following:	
MATH 1310 Essentials of Algebra.....	3
MATH 1320 College Algebra.....	3
Oral Competency for Major .....	3
Choose one of the following	
COMM 1220 Public Speech and Rhetorical Analysis.....	3
OREC 3212 Principles of Environmental Interpretation.....	3
Physical Education for Major .....	1
Complete the following course:	
EXSC 1312 Beginning Weight Training .....	1
Social Science for Major (Required for concentration; tallied here; satisfies both) .....	3
Choose one of the following	
PSYC 1100 Psychology Applied to Modern Life .....	3
PSYC 1200 General Psychology .....	3
Balance of General Education Curriculum .....	38
Major Curriculum .....	49
Group A – Required Courses .....	43
Complete each of the following:	
BIOL 2380 Medical Terminology .....	1
BIOL 2211, 2201 Human Anatomy and Physiology I and Lab .....	4
BIOL 2212, 2202 Human Anatomy and Physiology II and Lab.....	4
EXSC 2411 Introduction to Exercise Science.....	3
EXSC 3421 Physiology of Exercise .....	3
EXSC 3422 Exercise Testing and Measurements .....	3
EXSC 3424 Exercise Prescription .....	3
EXSC 3426 Structural Kinesiology .....	3
EXSC 3428 Biomechanics .....	3
EXSC 4421 Scientific Principles of Strength and Conditioning .....	3
EXSC 4422 Facility Planning for PE, Recreation, and Athletics.....	3
EXSC 4811 Senior Seminar .....	3
HLSC 1411 Health .....	3
HLSC 2411 Human Nutrition.....	3
INDS 3610 Pre-Internship .....	1
Group B – Statistics .....	3
Choose one of the following:	
BIOL 3711 Biostatistics .....	3
MATH 1220 Elementary Probability and Statistics .....	3
Group C – Practicum/Internship.....	3
Choose one of the following:	
EXSC 3071 Practicum.....	3
EXSC 4071 Internship .....	3
Concentration Curriculum - Health and Fitness .....	14
Group D – Concentration Required Courses .....	14
Complete each of the following:	
EXSC 1312 Beginning Weight Training .....	(1)

EXSC 1311	Intro to Principles and Philosophy of Physical Education .....	3
EXSC 3311	Methods and Materials of Coaching .....	2
EXSC 3312	Introduction to Athletic Training .....	3
EXSC 3321	Prevention and Treatment of Athletic Injuries .....	3
EXSC 4423	Rehabilitation and Modalities of Sports Medicine.....	3
Group E - Social Science for the Concentration (Tallied in General Education above).....		(3)
Choose one of the following:		
PSYC 1100	Psychology Applied to Modern Life .....	3
PSYC 1200	General Psychology .....	3
Free Electives (RECOMMENDED: EXSC 1211 - CPR, First Aid, AED) .....		3

### Physical Education Concentration

The Physical Education concentration offers courses designed to prepare students to become health and/or physical education teachers within a K-12 setting. Graduates of this program will be prepared to pass state Health and PE or PE exams successfully through instruction in educational pedagogies, health behavior theories, motor control and learning, anatomy and physiology, exercise physiology, lifelong wellness, and biomechanics.

### Exercise Science Major with Physical Education Concentration for Bachelor of Science ..... 121

General Education Curriculum <sup>1</sup> .....	56
Biology Courses for Major .....	8
Pair A – Biological Principles I.....	4
Choose one lecture/lab pair from the following:	
BIOL 1111, 1101      Survey of Biological Principles I and Lab .....	4
BIOL 1123, 1103      Advanced Survey of Biological Principles I and Lab .....	4
Pair B – Biological Principles II .....	4
Choose one lecture/lab pair from the following:	
BIOL 1112,1102      Survey of Biological Principles II and Lab .....	4
BIOL 1124,1104      Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major .....	3
Choose one of the following:	
MATH 1310      Essentials of Algebra.....	3
MATH 1320      College Algebra .....	3
Oral Competency for Major .....	3
Choose one of the following	
COMM 1220      Public Speech and Rhetorical Analysis.....	3
OREC 3212      Principles of Environmental Interpretation.....	3
Physical Education for Major.....	1
Complete the following course:	
EXSC 1312      Beginning Weight Training .....	1
Social Science for Major .....	3
PSYC 1100      Psychology Applied to Modern Life.....	3
Balance of General Education Curriculum.....	38
Major Curriculum.....	48

<sup>1</sup> The standard General Education Curriculum is 55 hours. The biology major adds an additional one-hour lab raising the total to 56 hours.

Group A – Required Courses .....	42
Complete each of the following:	
BIOL 2211, 2201 Human Anatomy and Physiology I and Lab .....	4
BIOL 2212, 2202 Human Anatomy and Physiology II and Lab .....	4
EXSC 2411 Introduction to Exercise Science .....	3
EXSC 3421 Physiology of Exercise .....	3
EXSC 3422 Exercise Testing and Measurements .....	3
EXSC 3424 Exercise Prescription .....	3
EXSC 3426 Structural Kinesiology .....	3
EXSC 3428 Biomechanics .....	3
EXSC 4421 Scientific Principles of Strength and Conditioning .....	3
EXSC 4422 Facility Planning for PE, Recreation, and Athletics .....	3
EXSC 4811 Senior Seminar .....	3
HLSC 1411 Health .....	3
HLSC 2411 Human Nutrition .....	3
INDS 3610 Pre-Internship .....	1
Group B – Statistics .....	3
Choose one of the following:	
BIOL 3711 Biostatistics .....	3
MATH 1220 Elementary Probability and Statistics .....	3
Group C – Practicum/Internship .....	3
Choose one of the following:	
EXSC 3071 Practicum .....	3
EXSC 4071 Internship .....	3
Concentration Curriculum – Physical Education .....	17
Group D – Concentration Required Courses .....	17
Complete each of the following:	
EXSC 1312 Beginning Weight Training .....	(1)
EXSC 1311 Intro to Principles and Philosophy of Physical Education .....	3
EXSC 3311 Methods and Materials of Coaching .....	2
EDUC 1111 Foundations of Education .....	3
EDUC 1210 Technology in Education .....	3
EDUC 4420 Diversity and Exceptionalities in the Classroom .....	3
EDUC 4430 Classroom Management .....	3
Group E - Social Science for the Concentration (Tallied in General Education above) .....	(3)
PSYC 1100 Psychology Applied to Modern Life .....	3

### Faculty-Recommended Additional Courses

*These courses are not required to complete this degree nor counted in the credit hour total for this major but are highly recommended by the faculty. They are included on the 4-year plan and marked as optional.*

EXSC 1221	Heartsaver First Aid with CPR and AED .....	1
PSYC 2100	Child Adolescent Psychology .....	3

### Special Emphasis Concentration .....18

Students may transfer a set of courses from other institutions or complete courses in other departments at Montreat College to fulfill the requirements of this emphasis. Students develop the special emphasis curriculum in consultation with their academic advisor. The advisor and the Departmental Review Committee must approve a formal proposal of emphasis requirements by the end of the students' sophomore year. For example, students may develop a concentration that incorporates coursework from Communications, Marketing, or Outdoor Recreation Studies. The Special Emphasis must include a minimum of 18 credits and five courses.

# Health Sciences Major

## The Health Sciences Discipline

The health sciences major is designed to prepare students with the knowledge, skills, and abilities necessary to successfully pursue graduate and professional studies in a variety of health-related fields. Students choose a concentration based on their field of interest. Montreat prepares students for application to their profession of choice by offering pre-medical, pre-dental, pre-pharmacy, pre-optometry, pre-veterinary, and pre-physician assistant concentrations within the health science major. The major includes the requisite science coursework in biology, chemistry, and physics, and encourages project work in a research setting to help the student distinguish themselves among their peers. Each student must additionally choose—in consult with their academic advisor—elective coursework tailored to the admissions requirements commonly found for programs in the health science field of the student’s choosing, after conducting a survey of admissions requirements at their most desired professional schools of choice.

## Why Study Health Sciences at Montreat College?

The health sciences major combines the core parts of Montreat College’s mission to educate students through intellectual inquiry, spiritual formation, and preparation for calling and career. The intellectual challenges of the natural sciences, the application of health sciences to serve God through serving others, and the preparation for a health profession are all wrapped up within this major. Montreat College’s liberal arts core develops the student’s communication and critical thinking skills and seeks to build a broader view of the world that will enhance the ability of the health care provider to connect with their patients.

## After Graduation

After graduation, students may seek admission to programs that lead to degrees for licensure in the health professions. This includes medical school to earn the M.D. or D.O. degree, dental school to earn a D.D.S. or D.M.D., pharmacy school for a Pharm. D., veterinary school to earn a D.V.M., physician assistant master’s program, or optometry school for a O.D. The four-year planner in this section describe two tracks to complete the Health Science major: the **Standard Track** is designed for students who wish to complete the program and take entrance exams such as the MCAT either during their senior year or after graduation, and effectively take a “gap year” between the completion of the undergraduate degree and further professional school. This track is strongly encouraged for all students. The **Advanced Track** is designed for students who intend to take the entrance exams (MCAT, etc.) during their junior year in hopes of gaining admission to professional school immediately upon graduation.

## Health Sciences Concentrations:

Pre-Dental  
Pre-Medical  
Pre-Optometry  
Pre-Pharmacy  
Pre-Physician Assistant  
Pre-Veterinary

Concentration electives are determined with the academic advisor after the student completes a study that will customize this program selection of courses with the student’s professional school application. The concentration is included within the major declaration, but the concentration may be changed up to the point of final preparations at graduation.

## Requirements for a Bachelor of Science in Health Sciences

- General degree requirements
- Specific Degree Requirements
  - Required and/or recommended General Education courses
  - Major Field Test
  - Completion of the Health Sciences Major Curriculum
  - Completion of 120 credit hours with a minimum GPA of 2.0 (two terms and 32 credit hours must be completed at Montreat College)

### Health Sciences Major for Bachelor of Science..... 120

General Education Curriculum .....	57
Biology Courses for Major .....	8
Complete each lecture and lab pair below	
BIOL 1123, 1103      Advanced Survey of Biological Principles I and Lab.....	4
BIOL 1124, 1104      Advanced Survey of Biological Principles II and Lab .....	4
Math Course for Major.....	4
MATH 1511            Applied Calculus I.....	4
Social Science Course .....	3
Choose one of the following:	
PSYC 1100            Psychology Applied to Modern Life .....	3
PSYC 1200            General Psychology.....	3
Balance of General Education Curriculum .....	45
Major Curriculum .....	63
Group A—Required Courses .....	28
Complete Each of the Following:	
BIOL 1123, 1103      Advanced Survey of Biological Principles I and Lab <sup>1</sup> .....	(4)
BIOL 1124, 1104      Advanced Survey of Biological Principles II and Lab <sup>1</sup> .....	(4)
BIOL 2121            Medical Terminology .....	1
BIOL 2611            Sophomore Science Seminar .....	1
BIOL 3711            Biostatistics .....	3
BIOL 3811            Research Methods .....	3
BIOL 4611            Senior Science Seminar .....	1
CHEM 1111, 1101      General Chemistry I.....	4
CHEM 1112, 1102      General Chemistry II.....	4
CHEM 3213            Organic Chemistry I.....	3
CHEM 3214            Organic Chemistry II.....	3
CHEM 3203            Organic Chemistry Lab .....	1
MATH 1511            Applied Calculus I <sup>1</sup> .....	(4)
PHYS 1311, 1301      College Physics I.....	4
Group B—Anatomy and Physiology.....	4-8
Choose Among the Following Two Options:	
BIOL 2211, 2201      Human Anatomy and Physiology I .....	4
BIOL 2212, 2202      Human Anatomy and Physiology II .....	4
—or—	
BIOL 3031            Advanced Human Anatomy and Physiology .....	4

Group C—Advanced Integrative Core.....	17
Complete Each of the Following in Sequence	
BIOL 3421, 3401	Cell Biology.....4
BIOL 4621, 4601	Microbiology.....4
BIOL 4511, 4501	Genetics.....4
CHEM 3204	Advanced Organic Chemistry Lab.....1
BIOL 4721	Biochemistry I.....3
BIOL 4701	Biochemistry Lab.....1
Group D—Concentration Electives.....	10–14
Choose 10–14 hours from the following	
INDS 3610	Pre-Internship.....1
BIOL 4071	Internship.....1–3
BIOL 4722, 4702	Biochemistry II.....4
BIOL 4821	Contemporary Biological Investigations.....3
CHEM 4911	Physical Chemistry.....3
EXSC 3421	Physiology of Exercise.....3
EXSC 3426	Structural Kinesiology.....4
EXSC 3428	Biomechanics.....4
EXSC 4423	Rehabilitation and Modalities in Sports Medicine.....3
MATH 1512	Applied Calculus II.....4
PHYS 1312, 1302	College Physics II <sup>2</sup> .....4

<sup>1</sup>Counted in the General Education requirements for the major and not in this group

<sup>2</sup>Physics II is strongly recommended for the Pre-Medical, Pre-Physician Assistant, and Pre-Dental concentrations

# History Major

The History major prepares students for vocation, citizenship, and service. Students are equipped with the skills of critical thinking, analysis, data processing, and communication that transfer to a wide range of vocations. These skills are learned through the practice of historical thinking, which suggests that the study of history is more about cultivating critical reflection on the past rather than rote memorization. Students are prepared for citizenship, from local to global, through an understanding of how the persons, events, forces, and ideals of the past have shaped the present and inform the future. Students learn to be engaged and contributing members of society who pursue careers that offer various forms of public service, private enterprise, and cultural flourishing.

## The History Discipline

The study of history focuses on exploration and evaluation of various social, political, economic, military, and religious forces that have shaped and transformed the world. This information not only provides perspective on the past but also establishes a marker for future innovation, helping us avoid mistakes and capitalize on strengths.

## Why Study History at Montreat College?

The study of History at Montreat College provides expertise in global, European, and American history while also providing opportunities for topical studies, experiential learning, and internship possibilities. History classes are foundational in understanding other disciplines and thus lay the groundwork for a holistic liberal arts education. Students are encouraged to learn from the memories and stories of others, to exercise their moral imagination, and to engage their world with historical consciousness.

Students at Montreat College also explore how the Christian faith enriches historical understanding. The starting assumption of the History Department is that Christianity values the past as real, meaningful, authoritative, and comprehensible. Our approach honors the historical actors of the past, believing that creation in God’s image confers dignity to every human person and story. Students are encouraged to pursue historical truth with the acknowledgement of our limited understanding and to engage the larger questions of God, nature, and human nature that have been prominent features of all civilizations.

## After Graduation

A major in History can lead to graduate studies in administration, history, law, political science, and theology; even business and medicine are not to be excluded. A graduate in history may find employment in administrative and government services, libraries, public history activities and interpretation, or one of many areas in education.

## Requirements for a Bachelor of Arts or Science in History

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Either of:
    - Bachelor of Arts foreign language requirement (page 71)
    - Bachelor of Science curriculum (page 61)
  - Completion of the ACAT exam

## History Major for Bachelor of Arts ..... 120

General Education Curriculum .....	55
History course for the Major .....	6
Complete each of the following:	
HIST 1201    World Civilizations I .....	3
HIST 1302    World Civilizations II .....	3
Social Science Course for the Major (Recommended) .....	3
Choose one of the following:	
BUSN 2601    Macroeconomics .....	3

BUSN 2602	Microeconomics.....	3
	Balance of General Education Curriculum.....	46
	Major Curriculum.....	32
	Group A – Required Courses.....	11
	Complete each of the following:	
HIST 2101	United States History I.....	3
HIST 2102	United States History II.....	3
HIST 2901	Historical Methods .....	2
HIST 4091	Senior Thesis.....	3
	Group B – Major Electives.....	21
	Choose 21 hours from the following:	
	<b>European History</b>	
HIST 3210	Ancient Greece and Rome .....	3
HIST 3022	Medieval Worlds.....	3
HIST 3230	Renaissance and Reformation.....	3
HIST 3200	Modern Europe .....	3
	<b>American History</b>	
HIST 3130	American Revolution and Republic .....	3
HIST 3140	American Civil War.....	3
HIST 3180	United States History Since 1945.....	3
HIST 3160	American Constitutional History.....	3
HIST 3170	Religious History of America .....	3
HIST 3190	American Cultural and Intellectual History.....	3
	<b>Global History</b>	
HIST 3300	History of Christianity .....	3
HIST 3380	Modern Middle East.....	3
HIST 3350	The World at War, 1914-1945.....	3
HIST 3360	The Global Crisis .....	3
HIST 3340	Empire and Its Discontents .....	3
	<b>Topical History</b>	
HIST 3340	History of Political Philosophy.....	3
HIST 3500	History of Science and Technology .....	3
HIST 3600	Environmental History.....	3
HIST 3700	Public History: Cities Through the Ages.....	3
HIST 4080	Special Topics.....	1-3
	<b>Major Field Research and Field Experience</b>	
HIST 4703	Historical Archival Fieldwork.....	2
HIST 4081	Directed Study and Research.....	3
	Bachelor of Arts Curriculum .....	12
	See page 71 for these requirements.	
	Free Electives.....	21

**History Major Concentration for Bachelor of Science.....120**

	General Education Curriculum .....	55
	History course for the Major .....	6
	Complete each of the following:	
HIST 1201	World Civilizations I .....	3
HIST 1302	World Civilizations II.....	3
	Social Science Course for the Major (Recommended).....	3

Choose one of the following:	
BUSN 2601	Macroeconomics ..... 3
BUSN 2602	Microeconomics..... 3
Balance of General Education Curriculum .....	46
Major Curriculum .....	32
Group A – Required Courses .....	11
Complete each of the following:	
HIST 2101	United States History I..... 3
HIST 2102	United States History II..... 3
HIST 2901	Historical Methods..... 2
HIST 4091	Senior Thesis ..... 3
Group B – Major Electives .....	21
Choose 21 hours from the following:	
<b>European History</b>	
HIST 3210	Ancient Greece and Rome..... 3
HIST 3022	Medieval Worlds..... 3
HIST 3230	Renaissance and Reformation ..... 3
HIST 3200	Modern Europe..... 3
<b>American History</b>	
HIST 3130	American Revolution and Republic..... 3
HIST 3140	American Civil War..... 3
HIST 3180	United States History Since 1945..... 3
HIST 3160	American Constitutional History ..... 3
HIST 3170	Religious History of America ..... 3
HIST 3190	American Cultural and Intellectual History ..... 3
<b>Global History</b>	
HIST 3300	History of Christianity ..... 3
HIST 3380	Modern Middle East3
HIST 3350	The World at War, 1914-1945..... 3
HIST 3360	The Global Crisis ..... 3
HIST 3340	Empire and Its Discontents ..... 3
<b>Topical History</b>	
HIST 3340	History of Political Philosophy ..... 3
HIST 3500	History of Science and Technology..... 3
HIST 3600	Environmental History ..... 3
HIST 3700	Public History: Cities Through the Ages..... 3
HIST 4080	Special Topics..... 1-3
<b>Major Field Research and Field Experience</b>	
HIST 4703	Historical Archival Fieldwork ..... 2
HIST 4081	Directed Study and Research ..... 3
Bachelor of Science curriculum (see page 61) .....	12
Free Electives.....	21

History Major Recommended Electives

BUSN 2601	Macroeconomics ..... 3
BUSN 2602	Microeconomics..... 3
SOCI 1100	Introduction to Sociology..... 3
Either of the following:	
PSYC 1200	General Psychology ..... 3
PSYC 1100	Psychology Applied to Modern Life ..... 3

## History Minor

**History Minor ..... 18**

Group A – Required Courses ..... 6

Complete each of the following:

HIST 2101 United States History I..... 3

HIST 2102 United States History II..... 3

Group B – Electives for the Minor ..... 12

Choose 12 hours from Upper-Level HIST courses

Due to the breadth and depth of historical investigation, students who minor in history find themselves well prepared for careers that require knowledge of the past, interaction with people at home and around the world, and the ability to write and think analytically. An understanding of historical transitions helps one avoid mistakes of the past and capitalize on its strengths.

## Interdisciplinary Studies Major

Students normally pursue one of the regular academic majors offered by the College. However, students also have the option of designing their own major so that they may pursue in-depth study that draws on two or more academic disciplines at the College. These programs, called Interdisciplinary Studies majors, are individualized programs of study developed in consultation with the faculty advisor.

A student wishing to propose an Interdisciplinary Studies major must do so before completing 80 hours of course work. Courses which have already been completed must be indicated on the proposal for the major, and these courses may comprise no more than 75% of the total course credits proposed. The major must consist of at least 48 credit hours of coursework. To ensure sufficient depth in the major, a minimum of 27 credits must be courses numbered 3000 or higher. To ensure that the proposed major differs sufficiently from existing majors, there may be no more than a 75% overlap with an existing major. Major courses should be available at Montreat College; limits on transfer credits and independent studies should follow institutional limitations.

In constructing and seeking approval for an Interdisciplinary Studies major, students must submit a written proposal in collaboration with the faculty advisor to the Vice President for Academic Affairs or designee. The proposal should include:

1. a rationale for the program,
2. a description of appropriate professional goals,
3. a list of General Education courses completed,
4. a list of General Education courses that need to be completed,
5. a list of courses totaling at least 48 hours that one has taken or plans to take with a clear statement on how each course will contribute to meeting the stated goals,
6. a statement on whether an internship or thesis will be completed, and
7. if a thesis is not submitted, a means of assessing whether the goals articulated have been met, which will typically include submission of an additional report<sup>1</sup> from the student.

The program must satisfy all General Education and Competency requirements, including the language requirement for a BA. The 48 credit hours for the major may include the 12 credits required for a Bachelor of Arts or Bachelor of Science Selection. These credits are not double-counted with other courses in the major but do count toward the 48 credit minimum. The Vice President for Academic Affairs or designee will consult with the department chair(s) in which twelve or more hours are taken for their support of the Interdisciplinary Studies major before granting final approval.

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<sup>1</sup> Such a report should draw on coursework across the disciplines included in the interdisciplinary studies major as proposed, as well as the internship.

## Interdisciplinary Studies Minor

The Interdisciplinary Studies minor at Montreat College is structured to provide students with a broad-based exposure to Liberal Arts studies. The intent of the program is to offer a sequence of courses that enable students to satisfy educational objectives which might not otherwise be met by a particular, pre-established degree program. By gaining insight into the humanities, students will be better equipped to ascertain the human condition and the relationship of their own majors to those of other academic disciplines.

### **Interdisciplinary Studies Minor.....18**

Group A – Required Courses ..... 9

Complete each of the following:

PHIL 2401 Introduction to Philosophy ..... 3

PHIL 3401 Ethics ..... 3

PHIL 2902 Modern Secular-Christian Worldviews ..... 3

Group B – Electives for the Minor ..... 9

Choose ENGL or HIST courses totaling 9 hours:

ENGL 4730 Literary Criticism ..... 3

HIST 3190 American Cultural and Intellectual History ..... 3

HIST 3300 History of Christianity ..... 3

HIST 3400 History of Political Philosophy..... 3

HIST 3500 History of Science and Technology ..... 3

The IS minor is designed to complement a student's major through thorough exposure to a broad range of disciplines, enhancement of critical thinking skills, and engagement of issues from a worldview perspective. It prepares students to discern truth, engage others respectfully, and serve as agents of renewal and reconciliation.

# Leadership Minor

## The Leadership Minor

The Leadership Minor is an Interdisciplinary Studies (IS) program that is supervised by the Outdoor Recreation Studies Program. The minor is for students from all majors who are interested in a leadership development program that includes elective courses, as well as experiential and service-learning opportunities. Students will be challenged to grow in personal faith, to discern truth prior to taking action, and to effectively lead others in the pursuit of accomplishing tasks and developing relationships. Students will be better prepared to live as Christ-following agents of renewal and reconciliation in their careers and communities. (22 hours)

## Leadership Minor .....21

Group A – Required Courses .....	12
OREC 1120      Facilitating Outdoor Recreation Experiences .....	2
PHIL 3502      Philosophy of Leadership .....	3
BUSN 3404      Servant Leadership .....	3
INDS 3610      Pre-Practicum/Pre-Internship .....	1
INDS 4621      Leadership Practicum.....	3
Group B – Ethics Options .....	3
Choose one of the following:	
BUSN 3502      Business Ethics.....	3
PHIL 3401      Ethics .....	3
Group C – Electives for the Minor .....	6
Choose six hours from the following:	
PHIL 2902      Modern Secular-Christian Worldviews .....	3
BUSN 2401      Principles of Management .....	3
BUSN 3401      Human Resources Management.....	3
BUSN 3403      Organizational Behavior.....	3
ENGL 2510      Business Communication .....	3
MNST 3110      Discipleship and Lifestyle Evangelism.....	3
MNST 4120      Spiritual Formation and Faith Development.....	3
OREC 1130      Discovery Wilderness Expedition.....	4
OREC 1241      Facilitating Low Challenge Course <sup>1</sup> .....	1
OREC 3242      Challenge Course Facilitation <sup>2</sup> .....	2
OREC 3410      Group Dynamics and Behavioral Management <sup>2</sup> .....	3

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<sup>1</sup> The student must take the course with OREC 1120 Facilitating Outdoor Recreation Experiences.

<sup>2</sup> The student must be registered for the Outdoor Recreation Studies Immersion semester program.

## Music Major

Martin Luther said that “Music is a fair and glorious gift of God. . . I am strongly persuaded that, after theology, there is no art that can be placed on a level with music; for besides theology, music is the only art capable of affording peace and joy in the heart.” Music has always been considered an important part of a classical education and has an important place in the Christian liberal arts education that students receive at Montreat College.

### The Music Discipline

Montreat College offers all students opportunities for musical training and experience. Students are encouraged to develop and share their God-given abilities by learning to sing or play an instrument, participating in musical ensembles, attending recitals and concerts, and taking courses appropriate to their level of study.

### Why Study Music at Montreat College?

The curricula for all music programs at Montreat College are based upon a philosophy that balances professionalism and excellence in musicianship with the development of the whole person – mind, spirit, and body – through the General Education Core requirements. Underlying all we do is a commitment to the integration of faith and learning. Because music study inherently requires an intensive level of individualized instruction, the modeling of professional and Christian conduct and character by the Music faculty and their attentive care for their students distinguishes the Montreat College Music program.

### Entrance Requirements

In addition to meeting the entrance requirements of the College, prospective Bachelor of Arts in Music students must pass a performance audition. The student will declare a principal instrument or voice. No audition is required for Music Business majors or for Music, Music Business, or Worship Arts minors.

### Curriculum

The Music curriculum is designed to introduce non-music majors to the basics of music theory and history and to help them acquire a non-professional level of performance competence through at least four semesters of applied instruction in voice or an instrument and through participation in a musical ensemble.

### After Graduation

The Bachelor of Arts in Music Degree equips students to succeed as a professional in the diverse world of music. The degree program contains a great deal of flexibility in allowing the students to focus on different areas of calling. A student may focus on performance aspects of music or combine music with studies in another discipline such as business, religion, or psychology.

### Requirements for a Bachelor of Arts in Music

- General degree requirements (page 63)
- Bachelor of Arts Requirements (page 71)
- Specific degree requirements
  - Required and/or recommended General Education courses
  - Additional requirements (see Music Program Handbook)

### Music Major for Bachelor of Arts..... 121

General Education Curriculum .....	55
Humanities Courses for Major.....	6
Complete each of the following:	
MUSC 3421                      Survey of Music Styles I.....	3
MUSC 3422                      Survey of Music Styles II .....	3
Balance of General Education .....	49

Major Curriculum .....	54
Group A – Required Foundation Courses .....	18
Complete each of the following:	
MUSC 1100                      Performance Seminar (.5 x 4 semesters) .....	2
MUSC 1311                      Music Theory I with Lab .....	4
MUSC 1312                      Music Theory II with Lab .....	4
MUSC 2313                      Music Theory III with Lab .....	4
MUSC 2314                      Music Theory IV with Lab .....	4
MUSB 4273                      Senior Studies in Music/Music Business .....	3
Group B - Ensemble Courses.....	4
Choose four from the following; repeatable:	
MUSC 1211                      College Choir.....	1
MUSC 1221                      Guitar Ensemble <sup>1</sup> .....	1
MUSC 1231                      College Orchestra .....	1
MUSC 2261                      Accompanying <sup>1</sup> .....	1
MUSC 1245                      Rock Ensemble.....	1
MUSC 2212                      Chamber Choir <sup>1</sup> .....	1
MUSC 2251                      Songwriting.....	1
MUSC 3242                      Advanced Rock Ensemble .....	1
MUSC 1261                      Pep Band .....	1
MUSC 2271                      Chapel Worship Ensemble .....	1
Group C - Applied Courses .....	4
Choose one sequence from the following:	
MUSC 1111,1112,2111, 2112      Applied Voice (1 hour each) .....	4
MUSC 1121,1122,2121,2122      Applied Piano (1 hour each) .....	4
MUSC 1131,1132,2131,2132      Applied Guitar (1 hour each) .....	4
MUSC 1140,1150,2140,2150      Applied Group Lessons <sup>1</sup> (1 hour each) .....	4
MUSC 1141,1142,2141,2142      Applied Organ <sup>1</sup> (1 hour each) .....	4
MUSC 1171,1172, 2171,2172      Applied Percussion (1 hour each) .....	4
MUSC 1181 1182,2181,2182      Applied Brass (1 hour each) .....	4
MUSC 1191, 1192, 2191, 2192      Applied Synthesizer .....	4
Group D - Music Skills (Secondary Instruments).....	4
Choose four hours from the following; any combination:	
MUSC 1110                      Beginning Class: Voice .....	2
MUSC 1120                      Beginning Class: Piano .....	2
MUSC 1130                      Beginning Class: Guitar .....	2
MUSC 1111,1112,2111, 2112      Applied Voice .....	1
MUSC 1121,1122,2121,2122      Applied Piano.....	1
MUSC 1131,1132,2131,2132      Applied Guitar.....	1
MUSC 1140,1150,2140,2150      Applied Group Lessons <sup>1</sup> .....	1
MUSC 1141,1142,2141,2142      Applied Organ <sup>1</sup> .....	1
MUSC 1151,1152,2151,2152      Applied Strings.....	1
MUSC 1161,1162,2161,2162      Applied Woodwinds.....	1
MUSC 1171,1172, 2171,2172      Applied Percussion .....	1
MUSC 1181 1182,2181,2182      Applied Brass .....	1
MUSC 1191, 1192, 2191, 2192      Applied Synthesizer .....	4
Group E – Music Electives.....	24
Choose 24 hours from the following; 15 hours of Upper-Level courses (above 3000):	
MUSB 1210                      Music Production, Marketing, and Distribution .....	3
MUSB 1220                      Survey of Music and Artist Management .....	3

<sup>1</sup> Not currently offered.

MUSB 1311	Introduction to Audio Production.....	3
MUSB 2411	MAPP Recording Techniques.....	3
MUSB 2421	Sound for Film and Video Games.....	3
MUSC 2431	Social History of Rock and Roll.....	3
MUSC 3111,3112,4111,4112	Applied Voice.....	(each) 1
MUSC 3121,3122,4121,4122	Applied Piano .....	(each) 1
MUSC 3131,3132,4131,4132	Applied Guitar .....	(each) 1
MUSC 3141,3142,4141,4142	Applied Organ <sup>1</sup> .....	(each) 1
MUSC 3151,3152,4151,4152	Applied Strings .....	(each) 1
MUSC 3161,3162,4161,4162	Applied Woodwinds .....	(each) 1
MUSC 3171,3172,4171,4172	Applied Percussion .....	(each) 1
MUSC 3181,3182,4181,4182	Applied Brass.....	(each) 1
MUSC 1191, 1192, 2191, 2192	Applied Synthesizer.....	(each) 1
MUSB 3331	MIDI and Sound Synthesis .....	3
MUSB 3321	Live Sound and Lighting .....	3
MUSB 3251	Copyright Law.....	3
MUSB 3252	Music Publishing.....	3
MUSC 2321	Rhythm Studies .....	2
MUSC 3080	Special Topics Seminar .....	3
MUSC 3461	History of Congregational Song <sup>1</sup> .....	3
MUSC 3331	Arranging .....	3
MUSC 4271	Choral Conducting .....	2
MUSC 4471	Choral Methods.....	2
MUSC 4080 <sup>2</sup>	Special Topics.....	1-3
MUSC 4081	Directed Study and Research .....	1-3
THEA 3302	Music Theater <sup>1</sup> .....	3
WOAR 1901	Worship Arts Survey I.....	3
WOAR 1902	Worship Arts Survey II <sup>1</sup> .....	3

Language/Humanities Curriculum for Bachelor of Arts..... 12

See page 71 for details.

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<sup>1</sup> Not currently offered.

<sup>2</sup> MUSC 4080 Special Topics may be offered as MAPP Studio Immersion Experience, Advanced Audio Production, or other subject as determined by the Music faculty.

## Music Minor

### Music Minor ..... 19

For Groups A and C, below, choose 4 hours in one group and 5 hours in the other.

Require Course .....	4	
MUSC 1311	Music Theory I .....	4
Group A - Applied Voice/Instrument .....	4-5	
Choose 4-5 of the following individual courses:		
MUSC 1111,1112,2111, 2112	Applied Voice .....	1
MUSC 1121,1122,2121,2122	Applied Piano .....	1
MUSC 1131,1132,2131,2132	Applied Guitar.....	1
MUSC 1140,1150,2140,2150	Applied Group Lessons <sup>1</sup> .....	1
MUSC 1141,1142,2141,2142	Applied Organ <sup>1</sup> .....	1
MUSC 1151,1152,2151,2152	Applied Strings.....	1
MUSC 1161,1162,2161,2162	Applied Woodwinds.....	1
MUSC 1171,1172, 2171,2172	Applied Percussion .....	1
MUSC 1181 1182,2181,2182	Applied Brass .....	1
MUSC 1191, 1192, 2191, 2192	Applied Synthesizer .....	1
Group B - Music and Culture.....	6	
Choose two of the following:		
MUSC 3421	Survey of Musical Styles I .....	3
MUSC 3422	Survey of Musical Styles II (prerequisite) .....	3
MUSC 3461	History of Congregational Song .....	3
MUSC 2431	Social History of Rock and Roll .....	3
Group C - Choose 4-5 credit hours Ensemble:		
Choose 4-5 from the following.....	4-5	
MUSC 1211	College Choir.....	1
MUSC 1221	Guitar Ensemble <sup>1</sup> .....	1
MUSC 1231	College Orchestra .....	1
MUSC 2261	Accompanying <sup>1</sup> .....	1
MUSC 1241	Rock Ensemble.....	1
MUSC 2212	Chamber Choir <sup>1</sup> .....	1
MUSC 2251	Songwriting Ensemble.....	1
MUSC 3242	Advanced Rock Ensemble.....	1
MUSC 1261	Pep Band .....	1
MUSC 2271	Chapel Worship Ensemble .....	1

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<sup>1</sup> Not currently offered.

# Music Business Major

Our Music Business major bridges the ever-changing divide between art and commerce. The major prepares students with the skill sets to engage the current music industry with new ideas, to think creatively about monetizing talent and to play an integral part in the performance, production, and management of a career in music.

## The Music Business Discipline

Beyond the spotlight and center stage, the business of music is a broad field, offering an impressive diversity of career opportunities. A musical concert, for example, requires a promotion team, an agent, a manager and stage crew, supporting musicians, and a host of technicians before a single note is played. The music industry continues to expand and increase in complexity, and this has created the need for a new type of professional – one who understands not only music, but also the many aspects of business that are associated with its production.

## Why Study Music Business at Montreat College?

Montreat College offers a unique degree that equips students to manage the legal, financial, artistic, and ethical issues that face the contemporary music business professional. The Bachelor of Science in Music Business degree is an innovative interdisciplinary program. Montreat College's curriculum offers students an unequalled level of flexibility to craft a combination of courses that will match the student's personal interests. Students in the Music Business program are also provided with abundant opportunities for practical learning and career preparation through hands-on instruction, and on the ground experience with professionals at the top of their game in a professional recording studio, in a major live event, and more.

## Entrance Requirements

No audition is required for Music Business majors or for Music, Music Business, or Worship Arts minors. In addition to meeting the entrance requirements of the College, the prospective Bachelor of Arts in Music (see Music).

## After Graduation

The Bachelor of Science in Music Business Degree equips students to succeed as a professional in the diverse world of the music and entertainment industry. In addition to the opportunity to learn hands on skills such as music production graduates understand the legal, financial, artistic, and ethical issues that confront the contemporary music business professional and have been guided to effectively confront them. A diverse and flexible program, Music Business graduates move into career paths such as: record producer, artist manager, studio manager, record promoter, booking agent, music licensing agent, tour manager, fine arts management, as well as being well equipped to succeed as a professional musician. The Music Business Degree also prepares students for graduate studies in Business, Management, Arts Administration and other areas of advanced study.

## Requirements for a Bachelor of Science in Music Business

- General degree requirements (page 63)
- Specific degree requirements
  - Required and/or recommended General Education courses
  - Complete a music business portfolio
  - Additional requirements (see Music Program Handbook)

## Choose a Concentration:

<u>Concentration</u>	<u>Hours</u>
General Concentration .....	64
Audio Production Concentration .....	67

**Music Business Major with General Concentration for Bachelor of Science ..... 120**

General Education Curriculum<sup>1</sup> ..... 56

    Arts and Humanities Courses for Major ..... 7-8

        Complete the following:

            MUSC 1311                      Music Theory I .....4

        Choose one of the following:

            MUSIC 1312                      Music Theory II .....4

            MUSC 3421                      Survey of Musical Styles I ..... 3

    Social Science Course for Major ..... 3

        Choose one of the following:

            BUSN 2601                      Macroeconomics ..... 3

            BUSN 2602                      Microeconomics ..... 3

    Balance of General Education.....45-46

Major Curriculum ..... 64

Group A – Required Music Business Courses ..... 27

    INDS 3610                      Pre-Practicum/Pre-Internship ..... 1

    MUSB 1260                      Music Business Forum<sup>2</sup> .....0

    MUSB 1210                      Survey of Music Production, Marketing, and  
Distribution..... 3

    MUSB 1220                      Survey of Music and Artist Management..... 3

    MUSB 2231                      CODA Music Festival Seminar I..... 3

    MUSB 2232                      CODA Music Festival Seminar II ..... 3

    MUSB 3231                      Album Seminar I ..... 3

    MUSB 3232                      Album Seminar II ..... 3

    MUSB 3252                      Music Publishing ..... 3

    MUSB 4071                      Practicum in Music Business .....2

    MUSB 4273                      Senior Studies in Music Business ..... 3

Group B - Ensemble courses .....4

    Choose 4 hours from the following; repeatable x 4:

        MUSC 1211                      College Choir..... 1

        MUSC 1221                      Guitar Ensemble<sup>3</sup>..... 1

        MUSC 1231                      College Orchestra ..... 1

        MUSC 2261                      Accompanying<sup>2</sup> ..... 1

        MUSC 1245                      Rock Ensemble..... 1

        MUSC 2212                      Chamber Choir<sup>2</sup>..... 1

        MUSC 2251                      Songwriting ..... 1

        MUSC 3242                      Advanced Rock Ensemble ..... 1

        MUSC 1261                      Pep Band ..... 1

        MUSC 2271                      Chapel Worship Ensemble ..... 1

<sup>1</sup> MUSC 1311 (4 hours) adds one hour to the General Education curriculum for this major.

<sup>2</sup> Students must enroll in MUSB 1260 each full-time semester except the off-campus immersion semester.

<sup>3</sup> Not currently offered.

Group C - Performance .....	6
Complete this course:	
MUSC 1100                      Seminar in Music Performance (.5 x 4) .....	2
Choose one sequence of courses from the following:	
MUSC 1111,1112,2111, 2112      Applied Voice (1 hour each) .....	4
MUSC 1121,1122,2121,2122      Applied Piano (1 hour each) .....	4
MUSC 1131,1132,2131,2132      Applied Guitar (1 hour each) .....	4
MUSC 1140,1150,2140,2150      Applied Group Lessons (1 hour each) .....	4
MUSC 1141,1142,2141,2142      Applied Organ (1 hour each) .....	4
MUSC 1151,1152,2151,2152      Applied Strings (1 hour each) .....	4
MUSC 1161,1162,2161,2162      Applied Woodwinds (1 hour each) .....	4
MUSC 1171,1172, 2171,2172      Applied Percussion (1 hour each) .....	4
MUSC 1181 1182,2181,2182      Applied Brass (1 hour each) .....	4
MUSC 1191, 1192, 2191, 2192      Applied Synthesizer (1 hour each) .....	4
Group D - Business Component .....	18
Complete each of the following:	
BUSN 1101                      Intro to Business .....	3
BUSN 2201                      Principles of Accounting I .....	3
BUSN 2301                      Marketing.....	3
MUSB 3251                      Copyright Law .....	3
BUSN 4703                      Entrepreneurship & Small Business Management .....	3
Choose one of the following:	
BUSN 3502                      Business Ethics.....	3
PHIL 3251                      Ethics.....	3
Group E – Electives: Music History and Culture .....	3
Choose one of the following:	
MUSC 1411                      Introduction to Music.....	3
MUSC 2431                      Social History of Rock and Roll .....	3
MUSC 3421                      Survey of Musical Styles I <sup>1</sup> .....	3
MUSC 3422                      Survey of Musical Styles II.....	3
Group F – Electives: Practical Skills .....	6
Choose courses totaling at least six hours from the following; one must be Upper-Level (3000 or above):	
ARTS 2311                      Drawing I.....	3
ARTS 2210                      Principles of Design.....	3
ARTS 3312                      Drawing II .....	3
ARTS 3410                      Painting .....	3
ARTS 3510                      Sculpture .....	3
ARTS 3610                      Graphics and Photojournalism .....	3
BUSN 2614                      Quantitative Methods .....	3
COMM 2228                      Media Ecology.....	4
COMM 4313                      Public Relations .....	3
MUSB 1311                      Introduction to Audio Production.....	3
MUSB 2411                      MAPP Recording Techniques.....	3
MUSB 3331                      MIDI and Sound Synthesis .....	3
MUSB 3321                      Live Sound and Lighting.....	3
MUSB 2412                      Advanced Sound Production.....	3
MUSB 2441                      MAPP Recording Studio Management.....	3
MUSB 3421                      MAPP Digital Sound Processing.....	3

<sup>1</sup> Will not satisfy both Group E and General Education Humanities.

MUSB 2421	Sound for Film and Video Games .....	3
MUSC 1312	Music Theory II .....	4
MUSC 2321	Rhythm Studies .....	3
MUSC 3331	Arranging .....	3
THEA 2501	Stagecraft .....	3
THEA 3111	Theatre Ensemble .....	3
WOAR 4961	Worship Arts Seminar I .....	1
WOAR 4962	Worship Arts Seminar II .....	1

**Music Business Major with Audio Production Concentration for Bachelor of Science..... 123**

General Education Curriculum<sup>1</sup> .....56

Arts and Humanities Courses for Major ..... 10

Arts - Complete the following:

MUSC 1311	Music Theory I .....	4
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Arts - Choose one of the following:

MUSC 2431	Social History of Rock and Roll .....	3
MUSC 3421	Survey of Musical Styles I .....	3

Humanities - Choose one of the following:

BUSN 3502	Business Ethics .....	3
PHIL 3401	Ethics .....	3

Social Science Course for Major<sup>2</sup> ..... 3

Choose one of the following:

BUSN 2601	Macroeconomics .....	3
BUSN 2602	Microeconomics .....	3

Balance of General Education..... 43

Major Curriculum..... 67

Group A – Required Music Business Courses ..... 19

Complete each of the following:

INDS 3610	Pre-Practicum/Pre-Internship .....	1
MUSB 1260	Music Business Forum <sup>3</sup> .....	0
MUSB 1210	Survey of Music Production, Marketing, and Distribution .....	3
MUSB 1220	Survey of Music and Artist Management.....	3
MUSB 2231	CODA Music Festival Seminar I.....	3
MUSB 2232	CODA Music Festival Seminar II .....	3
MUSB 3231	Album Seminar I .....	3
MUSB 3232	Album Seminar II .....	3

Group B – Audio Production ..... 30

Complete each of the following:

MUSB 1311	Introduction to Audio Production.....	3
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<sup>1</sup> MUSC 1311 (4 hours) adds one hour to the General Education curriculum for this major.

<sup>2</sup> General Education mathematics course must be taken the alternate semester.

<sup>3</sup> Students must enroll in MUSB 1260 each full-time semester except the off-campus immersion semester.

MUSB 2411	MAPP Recording Techniques.....	3
MUSB 2412	Advanced Studio Production.....	3
MUSB 2441	MAPP Studio Management and Entrepreneurship ...	3
MUSB 2451	MAPP Critical Listening.....	1
MUSB 3331	MIDI and Sound Synthesis .....	3
MUSB 3321	Live Sound and Lighting.....	3
MUSB 3421	MAPP Studio Mixing Techniques.....	3
MUSB 3431	MAPP Mastering.....	3
MUSB 4071	Practicum in Music Business.....	2
MUSB 4273	Senior Studies in Music/Music Business.....	3
Performance Curriculum .....		9
Complete this course:		
MUSC 1100	Seminar in Music Performance (.5 x 2).....	1
Group C - Ensemble courses.....		4
Choose 4 hours from the following; repeatable x 4:		
MUSC 1211	College Choir .....	1
MUSC 1221	Guitar Ensemble .....	1
MUSC 1231	College Orchestra .....	1
MUSC 2261	Accompanying .....	1
MUSC 1241	Rock Ensemble .....	1
MUSC 2212	College Choir .....	1
MUSC 2251	Songwriting Ensemble.....	1
MUSC 3242	Advanced Rock Ensemble .....	1
MUSC 1261	Pep Band.....	1
MUSC 2271	Chapel Worship Ensemble .....	1
Group D - Performance .....		4
Choose one from the following:		
MUSC 1111,1112,2111, 2112	Applied Voice (1 hour each) .....	1
MUSC 1121,1122,2121,2122	Applied Piano (1 hour each) .....	1
MUSC 1131,1132,2131,2132	Applied Guitar (1 hour each) .....	1
MUSC 1140,1150,2140,2150	Applied Group Lessons (1 hour each) .....	1
MUSC 1141,1142,2141,2142	Applied Organ (1 hour each) .....	1
MUSC 1151,1152,2151,2152	Applied Strings (1 hour each).....	1
MUSC 1161,1162,2161,2162	Applied Woodwinds (1 hour each).....	1
MUSC 1171,1172, 2171,2172	Applied Percussion (1 hour each) .....	1
MUSC 1181 1182,2181,2182	Applied Brass (1 hour each) .....	1
MUSC 1191, 1192, 2191, 2192	Applied Synthesizer (1 hour each) .....	1
Business Curriculum.....		9
Group E - Business Courses.....		9
Complete each of the following:		
BUSN 1101	Intro to Business .....	3
BUSN 2201	Principles of Accounting I .....	3
MUSB 3251	Copyright Law .....	3

## Music Business Minor

**Music Business Minor .....18-20**

Group A – Required Courses ..... 12

Complete each of the following:

MUSB 1210 Survey of Music Production, Marketing Distribution ..... 3

MUSB 1220 Survey of Music and Artist Management ..... 3

MUSB 3251 Copyright Law ..... 3

MUSB 3252 Music Publishing..... 3

Group B – Elective Courses ..... 6-8

Choose two of the following:

MUSB 1311 Introduction to Audio Production..... 3

MUSB 3331 MIDI and Sound Synthesis ..... 3

MUSB 3321 Live Sound and Lighting ..... 3

MUSC 1311 Music Theory I .....4

MUSC 1312 Music Theory II.....4

## Outdoor Recreation Studies Major

The Bachelor of Science with a major in Outdoor Recreation Studies (ORS) provides a philosophical and experiential foundation for providing four concentrations into one unique program of study. ORS majors at Montreat College learn and explore the curriculum through a variety of experiences, in on-campus classroom-based courses as well as in the outdoor setting, all within the lens of a biblical worldview. The ORS curriculum is designed to give students the skills, knowledge, and training necessary to both facilitate personal growth and interpret the natural environment for their future students/participants/clients. Management of outdoor recreation programs and experiences is an area of focus in the ORS major core, providing students in each concentration with important administration skills applicable in any number of career choices.

Students may choose a concentration in *Outdoor Leadership and Adventure Education*, *Environmental Education and Interpretation*, *Outdoor Ministry*, or *Conservation Law Enforcement*.

In the ***Outdoor Leadership and Adventure Education*** concentration, students will focus on the essential skills and practical experience needed to become competent and confident outdoor adventure leaders. Students will be prepared to make sound decisions and demonstrate effective risk management in a variety of outdoor environments. Students in this concentration should expect to receive a mixture of both traditional in class instruction as well as opportunity for a variety of field experiences.

Students in the ***Environmental Education and Interpretation*** concentration will focus on developing themselves as a professional Environmental Educator/Interpreter. The two main foci of this concentration include increasing environmental knowledge and mastering educational/interpretive techniques. The concentration includes all the requirements to be certified as a North Carolina Environmental Educator and an Environmental Interpreter through the National Association of Interpretation.

The ***Outdoor Ministry*** concentration focuses on developing students with a strong ministry mind-set and prepares them to utilize the outdoor environment for evangelism and discipleship. This concentration is particularly suited to students who have a heart for ministry and see themselves providing life-shaping experiences at summer camps, Young Life camps, church retreats in ministry and want to provide similar experiences for others.

The ***Conservation Law Enforcement*** concentration focuses on developing students who are interested in becoming federal, state or county rangers with various governmental agencies. The main foci of this concentration include environmental knowledge, interpretation and criminal justice. Students who begin the program with Basic Law Enforcement Training (BLET) will meet some of the requirements for this concentration.

### Why Study Outdoor Recreation Studies (ORS) at Montreat College?

Montreat College's Outdoor Recreation Studies program emphasizes developing students to become outdoor leaders who are competent in using outdoor environments for education, business/program administration, and ministry. Through numerous courses and field experiences, students are prepared to design, implement, and administer outdoor programs that manage risks that are challenging, and enjoyable. Students are exposed to a variety of environmental education and outdoor leadership theories through the program's core courses, as well as, obtaining a variety of practical experience. In their concentration students will further explore an area of the ORS field, gathering a deeper understanding of theoretical, philosophical and practical factors in the chosen concentration. The ORS major and concentrations emphasize preparation for professional roles in the field.

**The campus is located among mountainous wilderness areas.** Montreat College is adjacent to Pisgah National Forest, close to the Great Smoky Mountains National Park, and within a two-hour drive of numerous climbing locations, four major wilderness areas, and several rivers with whitewater rated up to class five. Montreat College is also within a 14-mile hike or mountain bike ride of Mt. Mitchell, the highest peak east of the Mississippi River. In addition, outdoor recreation is deeply rooted in the western North Carolina region. This is seen through the prevalence of outdoor recreation activity and industry in the area, including mountain biking, trail running, skiing, ziplining, backpacking, fishing, whitewater paddling, and numerous camps, national forests and national parks. Western North Carolina offers almost everything needed to meet the most desires of outdoor recreationists. Furthermore, with the installation of North Carolina's Department of Commerce's Outdoor Industry Recruitment Office, outdoor recreation is identified as a major contributing industry to North Carolina's overall revenue.

**The faculty bring a diversity of training and depth of experience.** Professors are passionate about engaging their students and challenging them to be professional, well-rounded outdoor professionals. They prioritize the integration of faith and

learning in the classroom and the importance of field experiences. Not only do professors have abundant teaching experience in outdoor recreation and leadership but also professors bring experience from the National Outdoor Leadership School, Outward Bound, American Mountain Guides Association, the National Park Service, U.S. Forest Service, the North American Association for Environmental Education, Association for Outdoor Recreation and Education, Christian Adventure Association, Association for Experiential Education, Christian Camping International, Christian Camp and Conference Association, the American Canoe Association, the Wilderness Education Association, and the National Association for Interpretation. Students can expect their Outdoor Recreation Studies professors to be beside them, guiding them and challenging them to reach their full potential both inside and outside the classroom.

**Career opportunities are abundant.** The outdoor recreation industry in North Carolina is quickly developing. Currently providing over 260,000 affiliated jobs in the state and gathering \$28 billion in annual consumer spending. The outdoor industry is an \$887 billion industry annually in the United States. With 55% of the US population within a one-day drive of the area, the potential for career opportunities is vast. Faculty and instructors in the ORS program have connections beyond the western NC area for students interested in careers throughout the United States and internationally as well.

Graduates in ORS from Montreat College are employed in a variety of careers in outdoor recreation; adventure and environmental education programs; camps and conference centers; mission organizations; national and state parks; churches and church-related youth organizations; expedition programs such as the National Outdoor Leadership School, Wilderness Education Association, and Outward Bound and Wilderness therapy programs; positions within the business side of the outdoor recreation industry; environmental organizations; nature centers; outdoor science programs; and environmental interpretation centers. Certification programs are available in several different areas. Many graduates report that whatever their career choice, the interpersonal skills, training in teaching, leadership, and discipleship experiences they gained through the ORS program prepared them for all aspects of their lives.

### **Outdoor Leadership and Adventure Education Immersion Semester**

The Outdoor Recreation Studies program offers an immersion semester in Outdoor Leadership and Adventure Education. In this semester (even years in the spring semester) students are required to take a block schedule of classes. The semester is recommended for Sophomores, Juniors, or Senior level students. This schedule allows an opportunity for extended trips and time away from campus. Courses included in the Immersion Semester are OREC 3242, OREC 3410, OREC 3222, OREC 4212, and OREC 1762. If enrolled, students will complete a minimum of 13 credit hours.

**Opportunities for Leadership/Teaching Experience.** The ORS program provides practical opportunities to equip students with technical skills and leadership/teaching experience. The department works directly with outreach programs, such as the Team and Leadership Center (TLC). The TLC utilizes challenge course facilities to develop team-building strategies and to strengthen the concept of community through experience-based learning. The TLC is housed on the Black Mountain Campus and includes a high-teams course, climbing wall, and low initiatives course.

**Because the Outdoor Recreation Studies degree requires specialized equipment and supplies, additional course fees are necessary and will vary from \$2,000-\$4,000, depending on the concentration selected.**

### **Concentrations:**

<u>Concentration</u>	<u>Hours</u>
Environmental Education and Interpretation .....	19
Conservation Law Enforcement .....	18
Outdoor Leadership and Adventure Education .....	20
Outdoor Ministry .....	18

### **Requirements for a Bachelor of Science in Outdoor Recreation Studies**

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Complete a concentration within the major (see below)
  - Complete OREC 1130 within first year of declaring the major
  - Complete an OREC activity course (1710 – 1762) with the first year of declaring the major
  - Complete the comprehensive exit exam (in OREC 4630)

## Outdoor Recreation Studies Major with Environmental Education and Interpretation Concentration

Students in this concentration will focus on developing themselves as a professional Environmental Educator/Interpreter. The two main foci of this concentration include increasing environmental knowledge and mastering educational/interpretive techniques. The concentration includes all the requirements to be certified as a North Carolina Environmental Educator and an Environmental Interpreter through the National Association of Interpretation.

## Outdoor Recreation Studies Major with Environmental Education and Interpretation Concentration for Bachelor of Science .....120

General Education Curriculum .....	55
Natural Science courses for the Major (Recommended) <sup>1</sup> .....	4
ENSC 1112    Introduction to Environmental Science.....	4
Oral Expression Course for the Major (Required) .....	3
OREC 3212    Principles of Environmental Interpretation .....	3
Humanities Course for Major (Required) .....	3
PHIL 3503    Philosophy of Leadership.....	3
Social Science Courses for the Major (Recommended) <sup>1</sup> .....	3
Choose one of the following:	
PSYC 1100    Psychology Applied to Modern Life .....	3
PSYC 2300    Research Methods.....	3
Major Curriculum.....	44
Group A – Required Courses .....	43
Complete each of the following:	
ENSC 4610    Field Studies .....	2
INDS 3610    Pre-Internship.....	1
PHIL 3502    Philosophy of Leadership <sup>2</sup> .....	(3)
OREC 1110    Introduction to Outdoor Recreation Studies .....	3
OREC 1120    Facilitating Outdoor Recreation Experiences .....	2
OREC 1130    Discovery Wilderness Expedition <sup>3</sup> .....	4
OREC 1241    Facilitating Low Challenge Courses.....	1
OREC 1511    Outdoor Recreation Studies Field Experience I .....	1
OREC 1512    Outdoor Recreation Studies Field Experience II .....	1
OREC 2210    Human Health and the Natural Environment .....	3
OREC 2221    Outdoor Living Skills.....	4
OREC 2330/2331 Teaching Methods and Curriculum Development with Lab.....	4
OREC 3212    Principles of Environmental Interpretation <sup>4</sup> .....	(3)
OREC 3514    Internship in Outdoor Recreation Studies .....	3
OREC 4610    Administration and Management of Outdoor Recreation.....	4
OREC 4620    Current Issues in Outdoor Recreation.....	3
OREC 4630    Senior Seminar .....	1

<sup>1</sup> The courses in this section are recommended as (a) prerequisites for required major courses or (b) satisfying both a General Education and a major requirement. Though not required, they provide the most efficient means of completing the degree requirements.

<sup>2</sup> This course is counted in General Education Humanities and not counted in this group. It satisfies both requirements.

<sup>3</sup> Must be taken during the first year upon declaring the major. Satisfies one of two General Education Physical Education requirements.

<sup>4</sup> This course is counted in General Education Oral Expression and not counted in this group. It satisfies both requirements.

Group B – Wilderness Medicine Courses .....	1
Choose one of the following:	
OREC 2211    Wilderness First Aid .....	1
OREC 4212    Wilderness First Responder .....	3
Concentration Curriculum – Environmental Education and Interpretation.....	18
Group C – Concentration Required Courses.....	14
Complete each of the following:	
ENSC 2211    Ecology.....	4
OREC 2311    Survey of Environmental Education Curriculum.....	3
ENSC 3511    American Ecosystems .....	4
OREC 3320    Environmental Policy and Law .....	3
Group D – Concentration Electives .....	4
Choose a minimum of four hours from the following:	
BIOL 2311    Animal Diversity and Ecology .....	4
BIOL 2323    Plant Diversity and Ecology.....	4
ENSC 4311    Natural Resource Management Freshwater Ecosystems .....	4
ENSC 2511    Field Natural History I.....	2
ENSC 2512    Field Natural History II .....	2
ENSC 2311    Environmental Sustainability .....	3
ENSC 3711    Wildlife Biology.....	4
Free Electives.....	3

### **Outdoor Recreation Studies Major with Conservation Law Enforcement Concentration**

This concentration focuses on developing students who are interested in becoming federal, state or county rangers with various governmental agencies. The main foci of this concentration include environmental knowledge, interpretation and criminal justice. Students who begin the program with Basic Law Enforcement Training (BLET) will meet some of the requirements for this concentration.

### **Outdoor Recreation Studies Major with Conservation Law Enforcement Concentration for Bachelor of Science..... 120**

General Education Curriculum .....	55
Natural Science courses for the Major (Recommended) <sup>1</sup> .....	4
ENSC 1112    Introduction to Environmental Science.....	4
Oral Expression Course for the Major (Required) .....	3
OREC 3212    Principles of Environmental Interpretation .....	3
Humanities Course for Major (Required) .....	3
PHIL 3503    Philosophy of Leadership.....	3
Social Science Courses for the Major (Recommended) <sup>1</sup> .....	3
Choose one of the following:	
PSYC 1100    Psychology Applied to Modern Life .....	3
PSYC 2300    Research Methods.....	3

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<sup>1</sup> The courses in this section are recommended as (a) prerequisites for required major courses or (b) satisfying both a General Education and a major requirement. Though not required, they provide the most efficient means of completing the degree requirements.

Major Curriculum.....	44
Group A – Required Courses.....	43
Complete each of the following:	
ENSC 4610    Field Studies (Take twice for 1 hr each or once for 2 hrs).....	2
INDS 3610    Pre-Internship.....	1
PHIL 3502    Philosophy of Leadership <sup>1</sup> .....	(3)
OREC 1110    Introduction to Outdoor Recreation Studies.....	3
OREC 1120    Facilitating Outdoor Recreation Experiences.....	2
OREC 1130    Discovery Wilderness Expedition <sup>2</sup> .....	4
OREC 1241    Facilitating Low Challenge Courses.....	1
OREC 1511    Outdoor Recreation Studies Field Experience I.....	1
OREC 1512    Outdoor Recreation Studies Field Experience II.....	1
OREC 2221    Outdoor Living Skills.....	4
OREC 2210    Human Health and the Natural Environment.....	3
OREC 2330/2331 Teaching Methods and Curriculum Development with Lab.....	4
OREC 3212    Principles of Environmental Interpretation <sup>3</sup> .....	(3)
OREC 3610    Outdoor Recreation Program Planning and Design.....	3
OREC 3514    Internship in Outdoor Recreation Studies.....	3
OREC 4610    Administration and Management of Outdoor Recreation.....	4
OREC 4620    Current Issues in Outdoor Recreation.....	3
OREC 4630    Senior Seminar.....	1
Group B – Wilderness Medicine Courses.....	1
Choose one of the following:	
OREC 2211    Wilderness First Aid.....	1
OREC 4212    Wilderness First Responder.....	3
Concentration Curriculum – Conservation Law Enforcement.....	18
Group C – Concentration Required Courses.....	18
Complete each of the following:	
CRIM 1111    Intro to Criminal Justice.....	3
CRIM 2210    Criminal Law.....	3
CRIM 2310    Criminal Procedure.....	3
CRIM 2410    Law Enforcement.....	3
CRIM 3230    Constitutional Law.....	3
OREC 3320    Environmental Policy and Law.....	3
Free Electives.....	3

## Outdoor Leadership and Adventure Education Concentration

In the **Outdoor Leadership and Adventure Education** concentration, students will focus on the essential skills and practical experience needed to become competent and confident outdoor adventure leaders. Students will be prepared to make sound decisions and demonstrate effective risk management in a variety of outdoor environments. Students in this concentration should expect to receive a mixture of both traditional in class instruction as well as opportunity for a variety of field experiences.

<sup>1</sup> This course is counted in General Education Humanities and not counted in this group. It satisfies both requirements.

<sup>2</sup> Must be taken during the first year upon declaring the major. Satisfies one of two General Education Physical Education requirements.

<sup>3</sup> This course is counted in General Education Oral Expression and not counted in this group. It satisfies both requirements.

**Outdoor Recreation Studies Major with Outdoor Leadership and Adventure Education  
Concentration for Bachelor of Science ..... 120**

General Education Curriculum .....	55
Natural Science courses for the Major (Recommended) <sup>1</sup> .....	4
ENSC 1112      Introduction to Environmental Science .....	4
Oral Expression Course for the Major (Required) .....	3
OREC 3212      Principles of Environmental Interpretation .....	3
Humanities Course for Major (Required) .....	3
PHIL 3503      Philosophy of Leadership .....	3
Social Science Courses for the Major (Recommended) <sup>1</sup> .....	3
Choose one of the following:	
PSYC 1100      Psychology Applied to Modern Life .....	3
PSYC 2300      Research Methods .....	3
Major Curriculum .....	43
Group A – Required Courses .....	43
Complete each of the following:	
ENSC 4610      Field Studies (Take twice for 1 hr each or 1 course for 2 hrs) .....	2
INDS 3610      Pre-Internship .....	1
PHIL 3502      Philosophy of Leadership <sup>2</sup> .....	(3)
OREC 2221      Outdoor Living Skills .....	4
OREC 1110      Introduction to Outdoor Recreation Studies .....	3
OREC 1120      Facilitating Outdoor Recreation Experiences .....	2
OREC 1130      Discovery Wilderness Expedition <sup>3</sup> .....	4
OREC 1241      Facilitating Low Challenge Courses .....	1
OREC 1511      Outdoor Recreation Studies Field Experience I .....	1
OREC 1512      Outdoor Recreation Studies Field Experience II .....	1
OREC 2221      Outdoor Living Skills .....	4
OREC 2210      Human Health and the Natural Environment .....	3
OREC 2330/2331    Teaching Methods and Curriculum Development with Lab .....	4
OREC 3212      Principles of Environmental Interpretation <sup>4</sup> .....	(3)
OREC 3610      Outdoor Recreation Program Planning and Design .....	3
OREC 3514      Internship in Outdoor Recreation Studies .....	3
OREC 4610      Administration and Management of Outdoor Recreation .....	4
OREC 4620      Current Issues in Outdoor Recreation .....	3
OREC 4630      Senior Seminar .....	1

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<sup>1</sup> The courses in this section are recommended as (a) prerequisites for required major courses or (b) satisfying both a General Education and a major requirement. Though not required, they provide the most efficient means of completing the degree requirements.

<sup>2</sup> This course is counted in General Education Humanities and not counted in this group. It satisfies both requirements.

<sup>3</sup> Must be taken during the first year upon declaring the major. Satisfies one of two General Education Physical Education requirements.

<sup>4</sup> This course is counted in General Education Oral Expression and not counted in this group. It satisfies both requirements.

Concentration Curriculum – Outdoor Leadership and Adventure Education .....	20
Group B – Required Concentration Courses.....	7
OREC 4223    Advanced Technical Skills.....	4
OREC 4224    Wilderness Institute .....	3
Group C – Immersion Semester Courses .....	13
Complete each of the following:	
OREC 1762    Winter Outdoor Recreation.....	1
OREC 3222    Outdoor Programming/Leadership: Expedition Mgmt. ....	4
OREC 3242    Challenge Course Facilitation .....	2
OREC 3410    Group Dynamics and Behavioral Management .....	3
OREC 4212    Wilderness First Responder.....	3

### **Outdoor Recreation Studies Major with Outdoor Ministry Concentration for Bachelor of Science**

This concentration focuses on developing students with a strong ministry mind-set and prepares them to utilize the outdoor environment for evangelism and discipleship. This concentration is particularly suited to students who have a heart for ministry and see themselves providing life-shaping experiences at summer camps, Young Life camps, church retreats in ministry and want to provide similar experiences for others.

#### **Outdoor Recreation Studies Major with Outdoor Ministry Concentration**

#### **for Bachelor of Science .....120**

General Education Curriculum .....	55
Natural Science courses for the Major (Recommended) <sup>1</sup> .....	4
ENSC 1112    Introduction to Environmental Science.....	4
Oral Expression Course for the Major (Required) .....	3
OREC 3212    Principles of Environmental Interpretation .....	3
Humanities Course for Major (Required) .....	3
PHIL 3503    Philosophy of Leadership.....	3
Social Science Courses for the Major (Recommended) <sup>2</sup> .....	3
Choose one of the following:	
PSYC 1100    Psychology Applied to Modern Life .....	3
PSYC 2300    Research Methods.....	3
Major Curriculum.....	44-46
Group A – Required Courses .....	43
Complete each of the following:	
ENSC 4610    Field Studies (Take twice for 1 hr each or once for 2 hrs).....	2
INDS 3610    Pre-Internship.....	1
PHIL 3502    Philosophy of Leadership <sup>2</sup> .....	(3)
OREC 2221    Outdoor Living Skills.....	4
OREC 1110    Introduction to Outdoor Recreation Studies .....	3
OREC 1120    Facilitating Outdoor Recreation Experiences .....	2

<sup>1</sup> The courses in this section are recommended as (a) prerequisites for required major courses or (b) satisfying both a General Education and a major requirement. Though not required, they provide the most efficient means of completing the degree requirements.

<sup>2</sup> This course is counted in General Education Humanities and not counted in this group. It satisfies both requirements.

OREC 1130	Discovery Wilderness Expedition <sup>1</sup> .....	4
OREC 1241	Facilitating Low Challenge Courses.....	1
OREC 1511	Outdoor Recreation Studies Field Experience I.....	1
OREC 1512	Outdoor Recreation Studies Field Experience II.....	1
OREC 2221	Outdoor Living Skills.....	4
OREC 2210	Human Health and the Natural Environment.....	3
OREC 2330/2331	Teaching Methods and Curriculum Development with Lab.....	4
OREC 3212	Principles of Environmental Interpretation <sup>2</sup> .....	(3)
OREC 3610	Outdoor Recreation Program Planning and Design.....	3
OREC 3514	Internship in Outdoor Recreation Studies.....	3
OREC 4610	Administration and Management of Outdoor Recreation.....	4
OREC 4620	Current Issues in Outdoor Recreation.....	3
OREC 4630	Senior Seminar.....	1
Group B – Wilderness Courses.....		1-3
Choose one of the following:		
OREC 2211	Wilderness First Aid.....	1
OREC 4212	Wilderness First Responder.....	3
Concentration Curriculum.....		18
Group C – Concentration Required Courses.....		15
Complete each of the following:		
MNST 1901	Foundations of Christian Ministry.....	3
MNST 3110	Discipleship and Lifestyle Evangelism.....	3
MNST 3701	Ministry in Cultural Context.....	3
MNST 4120	Spiritual Formation and Faith Development.....	3
THEO 2410	Christian Doctrine.....	3
Group D – Concentration Elective Courses.....		3
Complete each of the following:		
PSYC 2100	Child and Adolescent Development.....	3
SOCI 4110	Counseling Adolescents and Families.....	3
Free Electives.....		4

## Outdoor Recreation Studies Minor

### Requirements for a General Outdoor Recreation Studies Minor ..... 19-20

Six of the hours in this minor must be in Upper-Level courses (numbered 3000 or above).

#### Group A – Required Courses ..... 10

Complete each of the following

OREC 1110	Introduction to Outdoor Recreation Studies.....	3
OREC 1120	Facilitating Outdoor Recreation Experiences.....	2
OREC 1130	Discovery Wilderness Expedition.....	4
OREC 1241	Facilitating Low Challenge Courses.....	1

<sup>1</sup> Must be taken during the first year upon declaring the major. Satisfies one of two General Education Physical Education requirements.

<sup>2</sup> This course is counted in General Education Oral Expression and not counted in this group. It satisfies both requirements.

Group B – Minor Elective Courses .....	(minimum) 9
Choose at least nine hours from the following:	
PHIL 3502	Philosophy of Leadership..... 3
OREC 2211	Wilderness First Aid ..... 1
OREC 2221	Outdoor Living Skills <sup>1</sup> .....4
OREC 2330/2331	Teaching Method/Curriculum Development in Outdoor Recreation Studies with Lab.....4
OREC 2311	Survey of Environmental Education Curriculum ..... 3
OREC 2081	Special Topics..... 1-6
OREC 3212	Principles of Environmental Interpretation ..... 3
OREC 3320	Environmental Policy and Law..... 3
OREC 3430	Survey of Adventure Based Counseling..... 3
OREC 3513	Outdoor Recreation Studies Practicum.....1-3
OREC 3514	Internship ..... 3
OREC 4223	Advanced Technical Skills.....4
OREC 4610	Administration & Management of Outdoor Recreation Programs .....4
OREC 4620	Current Issues in Outdoor Recreation Studies ..... 3

**Outdoor Recreation Studies Minor Concentrations in Outdoor Leadership and Adventure Education or Environmental Education and Interpretation**

**OREC Minor Concentration – Outdoor Leadership and Adventure Education ..... 20**

Group A – Required Courses .....	3
Complete each of the following	
OREC 1120	Facilitating Outdoor Recreation Experiences ..... 2
OREC 1241	Facilitating Low Challenge Courses ..... 1
Group B – Selected Courses.....	4
Choose one of the following	
OREC 1130	Discovery Wilderness Expedition.....4
OREC 2221	Outdoor Living Skills.....4
Group C – Immersion Semester .....	13
<i>This group of courses is offered in even year spring semesters.</i>	
Complete each of the following:	
OREC 1762	Winter Outdoor Recreation..... 1
OREC 3222	Outdoor Programming/Leadership: Expedition Management ..... 4
OREC 3242	Challenge Course Facilitation ..... 2
OREC 3410	Group Dynamics and Behavioral Management ..... 3
OREC 4212	Wilderness First Responder ..... 3

**OREC Minor Concentration – Environmental Education and Interpretation..... 19**

Complete each of the following:	
OREC 1110	Introduction to Outdoor Recreation Studies ..... 3
OREC 1120	Facilitating Outdoor Recreation Experiences ..... 2
OREC 1241	Facilitating Low Challenge Courses ..... 1
OREC 2221	Outdoor Living Skills.....4
OREC 2311	Survey of Environmental Education Curriculum ..... 3
OREC 3212	Principles of Environmental Interpretation ..... 3
OREC 3320	Environmental Policy and Law..... 3

<sup>1</sup> The OREC 1130 prerequisite for this course is waived for transfer students.

## Philosophy and Worldviews Minor

The Philosophy and Worldviews program of study prepares students to pursue graduate studies in a broad range of fields such as Philosophy, Ministerial Studies and many other graduate programs. Students from this major regularly find themselves studying Law or Medicine among other things.

### The Philosophy and Worldviews Discipline

The Philosophy and Worldviews Major is housed within the Bible and Ministry Department and offers either a Bachelor of Science or a Bachelor of Arts depending on the interests and direction of the student. This program is designed to prepare students to enter theological seminaries or graduate schools in multiple fields of study. This major requires a senior thesis and provides a balance of instruction in Biblical studies, philosophy, and worldview studies from the perspective of a *Reformational* worldview.

### Why Study Philosophy and Worldviews at Montreat College?

Montreat College provides a unique mentoring environment that facilitates interaction between students and faculty both in and outside the classroom context. The department's commitment to exploring the relationship between faith and learning, and the relevance of the Christian faith for all disciplines of study, provides the student with a rich liberal arts experience and a solid foundation for graduate study or a wide range of occupations. The departmental faculty challenges students academically, assisting them in wrestling with the spiritual and practical implications of the subject matter. The full-time faculty is complemented by part-time and adjunct faculty who share the College's and department's mission, providing specific expertise to enhance the educational experience.

### Philosophy and Worldviews Minor..... 18

Group A – Required Courses ..... 12

Complete each of the following:

PHIL 2401 Introduction to Philosophy ..... 3

PHIL 2410 Logic..... 3

PHIL 2902 Modern Secular/Christian Worldviews..... 3

PHIL 3401 Ethics ..... 3

Group B – Minor Electives ..... 6

Choose two courses from the following:

HIST 3400 History of Political Philosophy..... 3

PHIL 4403 Philosophy of Religion and Apologetics ..... 3

THEO 3421 Contemporary Theologies ..... 3

## Pre-Law Major

The Pre-Law major is designed to prepare students to pursue a graduate or professional degree in Law. In addition to the core requirements, students may choose from a number of criminal justice, psychology, human services, business, and history elective courses to provide additional learning opportunities in various areas of legal application. The curriculum exposes students to a broad range of legal topics through classroom instruction and experiential internship opportunities.

### Why Study Pre-Law at Montreat College?

The American Bar Association, the national organization that oversees legal education in the U.S., does not recommend any specific undergraduate majors or group of courses to prepare for law school. With this understanding, and anticipating that students approach their studies with a broad range of interests, Montreat has designed a Pre-Law program that includes a wide spectrum of areas of the law (e.g. Business, Labor Relations, Family Law, Cybersecurity, Environmental Law, History, Political Philosophy, etc.). The Pre-Law major also provides the opportunity for students to Choose elective courses to tailor their program in preparation for law school or for career in law-related fields.

### After Graduation

Montreat Pre-Law graduates have a broad-based understanding of many aspects of the legal field. They are prepared to work in support roles in a variety of career fields related to the law, or to sit for the Law School Admission Test (LSAT) in preparation for application to Law School and a career as an attorney.

### Requirements for a B.A. or B.S. in Pre-Law

- General degree requirements (page 63)
- Specific degree requirements:
  - Required and/or recommended General Education courses
  - Bachelor of Arts foreign language requirement (page 71)
  - Comprehensive exit exam

### Pre-Law Major for Bachelor of Arts .....120

General Education Curriculum ..... 55

Major Curriculum..... 53

Group A – Major Required Courses .....33

PHIL 2410 Logic ..... 3

COMM 4313 Public Relations ..... 3

CRIM 2210 Criminal Law..... 3

CRIM 2220 Judicial Process ..... 3

CRIM 3230 Constitutional Law ..... 3

CRIM 4071 Criminal Justice Internship ..... 3

CRIM 4240 Legal Research Methods ..... 3

CYBR 3321 The 3 C's: Cybercrime, Cyberlaw, Cyberethics ..... 3

HIST 3160 American Constitutional History ..... 3

HIST 3190 American Cultural and Intellectual History ..... 3

HIST 3400 History of Political Philosophy..... 3

Group B – Business and Law Electives .....12

Choose four of the following:

BUSN 3402 Labor-Management Relations..... 3

BUSN 3502 Business Ethics ..... 3

BUSN 3506 Business and the Legal Environment ..... 3

BUSN 3511 Employment Law..... 3

OREC 3320 Environmental Policy and Law..... 3

Group C – Major Electives .....	8
Choose courses totaling 8 hours from the following:	
BUSN 3401 Human Resources Management .....	3
BUSN 3404 Servant Leadership .....	3
CRIM 3640 Terrorism and National Security.....	3
CRIM 4080 Special Topics in Criminal Justice.....	1-3
HUMA 4080 Special Topics in Human Services.....	1-3
INDS 3502 Philosophy of Leadership .....	3
MUSB 3252 Copyright Law .....	3
PSYC 3100 Abnormal Psychology .....	3
PSYC 3110 Social Psychology .....	3
SOCI 4110 Counseling Adolescents and Families .....	3

Bachelor of Arts Foreign Language and Culture Curriculum.....	12
See page 71 for the requirements.	

**Pre-Law Major for Bachelor of Science ..... 120**

General Education Curriculum .....	55
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Major Curriculum .....	65
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Group A – Major Required Courses .....	33
PHIL 2410 Logic .....	3
COMM 4313 Public Relations .....	3
CRIM 2210 Criminal Law .....	3
CRIM 2220 Judicial Process .....	3
CRIM 3230 Constitutional Law .....	3
CRIM 4071 Criminal Justice Internship .....	3
CRIM 4240 Legal Research Methods .....	3
CYBR 3321 The 3 C’s: Cybercrime, Cyberlaw, Cyberethics .....	3
HIST 3160 American Constitutional History .....	3
HIST 3190 American Cultural and Intellectual History .....	3
HIST 3400 History of Political Philosophy .....	3

Group B – Business and Law Electives .....	12
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Choose four of the following:	
BUSN 3402 Labor-Management Relations .....	3
BUSN 3502 Business Ethics .....	3
BUSN 3506 Business and the Legal Environment .....	3
BUSN 3511 Employment Law .....	3
OREC 3320 Environmental Policy and Law .....	3

Group C – Major Electives .....	20
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Choose courses totaling 20 hours from the following (at least 9 hours must be Upper-Level courses numbered 3000 or above):	
BUSN 3401 Human Resources Management.....	3
BUSN 3404 Servant Leadership .....	3
CRIM 2080 Special Topics in Criminal Justice.....	1-3
CRIM 3640 Terrorism and National Security.....	3
CRIM 4080 Special Topics in Criminal Justice.....	1-3
HUMA 2080 Special Topics in Human Services.....	1-3
HUMA 4080 Special Topics in Human Services.....	1-3
INDS 3502 Philosophy of Leadership .....	3
MUSB 3252 Copyright Law .....	3
PSYC 3100 Abnormal Psychology .....	3

PSYC 3110	Social Psychology .....	3
SOCI 1100	Introduction to Sociology.....	3
SOCI 1300	Social Problems.....	3
SOCI 4110	Counseling Adolescents and Families.....	3

## Psychology and Human Services Major

The Psychology and Human Services program of study prepares students for the world of work and for graduate school. Upon graduation, students are equipped with the knowledge, skills, and experience they need for working in social agencies, churches, and other settings. In addition, students are prepared to enter graduate programs in areas such as psychology, counseling, and social work.

### The Psychology and Human Services Discipline

The Psychology and Human Services major offers two areas of concentration: Psychology and Human Services. Students should Choose an area of concentration that reflects their specialized interest.

Students choosing the Psychology concentration will engage in a course of study that focuses on psychological theories and research about human behavior and psychological processes. The goals of psychology are to describe, explain, and predict these behaviors and processes.

Students choosing the Human Services concentration will engage in a course of study that integrates the disciplines of psychology, counseling, and social work. Emphasis will be placed on developing and implementing skills for helping individuals and families facing the challenges of our present society. These students will participate in two courses during their sophomore or junior years that provide them with hands-on experience.

Students choosing either concentration can earn either a Bachelor of Arts or Bachelor of Science degree. Both concentrations require the completion of an intensive off-campus internship during the summer after their junior year.

### Why Study Psychology and Human Services at Montreat College?

Professors in the Psychology and Human Services major at Montreat College are interested in more than the mastery of theoretical content alone. They are committed to helping students explore the relationship between faith and learning. Students participate in classroom discussions that help them evaluate secular theories from a Christian perspective. Department faculty members encourage students to develop greater self-awareness and help students develop the personal characteristics that are needed in order to succeed in Psychology and Human Services. A 180-hour summer internship at community agencies further reinforce textbook learning and provide networking opportunities for our students. Classes are small and are extremely interactive, ensuring a more personalized learning environment. Students are invited to voice their views in a safe environment that welcomes free inquiry and the exchange of diverse ideas. The major provides students with a rich liberal arts experience and a solid foundation for graduate study or a wide range of occupations.

### After Graduation

Graduates with degrees in Psychology and Human Services will find a large number of options available to them whether they want to begin working immediately or desire to attend graduate school. Psychology and Human Services graduates are prepared to pursue further study in a variety of graduate areas such as psychology, counseling, and social work. It is not uncommon for Psychology and Human Services majors to pursue further studies in other fields such as education, seminary, business, and law. Those with undergraduate degrees in Psychology and Human Services are qualified for positions in the workforce that may include a case worker, a counselor aide, or a residential staff member. Graduates with degrees in Psychology and Human Services are qualified to work in a variety of areas, including mental health, children's homes, community health centers, group homes, non-profit public organizations, law enforcement agencies, victims' programs, employee assistance programs, religious organizations, and social service agencies.

### Concentrations

<u>Concentration</u>	<u>Hours</u>
Human Services .....	18
Psychology .....	18

### Requirements for the Degree

- General degree requirements (page 63)
- Specific degree requirements:
  - Specific General Education courses
  - Completion of the ACAT Exam

**Psychology and Human Services with Human Services Concentration for Bachelor of Arts.....120**

General Education Curriculum (page 66) ..... 55

    Math for the Major ..... 3

        MATH 1220 Elementary Probability and Statistics ..... 3

    Social Science from the Major ..... 3

        Count one PSYC or SOCI course from Group A, B, or C to satisfy this General Education requirement.

    Balance of General Education Curriculum ..... 49

Major Curriculum<sup>1</sup> ..... 16

    Group A ..... 3

        Choose one of the following

        PSYC 1100 Psychology Applied to Modern Life ..... 3

        PSYC 1200 General Psychology ..... 3

    Group B ..... 13

        Choose thirteen hours from the following:

        PSYC 2100 Child and Adolescent Development ..... 3

        PSYC 2110 Adult Development and Aging ..... 3

        PSYC 3100 Abnormal Psychology ..... 3

        PSYC 4100 Theories and Principles of Counseling ..... 3

        PSYC 4400 Senior Seminar ..... 3

        INDS 3610 Pre-Internship ..... 1

Concentration Curriculum – Human Services ..... 18

    Group C ..... 18

        Complete each of the following:

        HUMA 1100 Introduction to Human Services ..... 1

        HUMA 2071 Field Experience I ..... 1

        HUMA 3072 Field Experience II ..... 1

        HUMA 4071 Internship ..... 3

        SOC 1100 Introduction to Sociology ..... 3

        SOC 1200 Marriage and Family ..... 3

        SOC 2100 Social Welfare and Social Services ..... 3

        SOC 4110 Counseling Adolescents and Families ..... 3

Bachelor of Arts Foreign Language and Culture Curriculum ..... 12

    See page 71 for the requirements.

Free Electives ..... 19

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<sup>1</sup> Total adjusted from 19 to 16. This allows for a Group A, B, or C course to (a) be counted in General Education and (b) satisfy both a General Education and a major requirement.

**Psychology and Human Services with Psychology Concentration for Bachelor of Arts..... 120**

General Education Curriculum (page 66) ..... 55

    Math for the Major..... 3

        MATH 1220 Elementary Probability and Statistics ..... 3

    Social Science from the Major..... 3

        Count one PSYC or SOCI course from Group A, B, or C to satisfy this General Education requirement.

    Balance of General Education Curriculum .....49

Major Curriculum<sup>1</sup> .....16

    Group A ..... 3

        Chose one of the following

        PSYC 1100 Psychology Applied to Modern Life ..... 3

        PSYC 1200 General Psychology ..... 3

    Group B .....13

        Choose sixteen hours from the following:

        PSYC 2100 Child and Adolescent Development ..... 3

        PSYC 2110 Adult Development and Aging..... 3

        PSYC 3100 Abnormal Psychology ..... 3

        PSYC 4100 Theories and Principles of Counseling ..... 3

        PSYC 4400 Senior Seminar ..... 3

        INDS 3610 Pre-Internship ..... 1

Concentration Curriculum – Psychology .....18

    Group C ..... 18

        Complete each of the following:

        PSYC 2300 Research Methods ..... 3

        PSYC 2400 Personality ..... 3

        PSYC 3110 Social Psychology ..... 3

        PSYC 4200 Learning and Memory ..... 3

        PSYC 4210 Physiological Psychology..... 3

        PSYC 4071 Internship ..... 3

Bachelor of Arts Foreign Language and Culture Curriculum.....12

    See page 71 for the requirements.

Free Electives .....19

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<sup>1</sup> Total adjusted from 19 to 16. This allows for a Group A, B, or C course to (a) be counted in General Education and (b) satisfy both a General Education and a major requirement.

**Psychology and Human Services with Human Services Concentration for Bachelor of Science.....120**

General Education Curriculum (page 66) .....	55
Math for the Major.....	3
MATH 1220 Elementary Probability and Statistics .....	3
Social Science from the Major.....	3
Count one PSYC or SOCI course from Group A, B, or C to satisfy this General Education requirement.	
Balance of General Education Curriculum .....	49
Major Curriculum <sup>1</sup> .....	16
Group A .....	3
Chose one of the following	
PSYC 1100 Psychology Applied to Modern Life .....	3
PSYC 1200 General Psychology .....	3
Group B .....	13
Choose sixteen hours from the following:	
PSYC 2100 Child and Adolescent Development .....	3
PSYC 2110 Adult Development and Aging.....	3
PSYC 3100 Abnormal Psychology.....	3
PSYC 4100 Theories and Principles of Counseling.....	3
PSYC 4400 Senior Seminar .....	3
INDS 3610 Pre-Internship.....	1
Concentration Curriculum – Human Services .....	18
Group C .....	18
Complete each of the following:	
HUMA 1100 Introduction to Human Services .....	1
HUMA 2071 Field Experience I .....	1
HUMA 3072 Field Experience II .....	1
HUMA 4071 Internship .....	3
SOC1 1100 Introduction to Sociology.....	3
SOC1 1200 Marriage and Family .....	3
SOC1 2100 Social Welfare and Social Services.....	3
SOC1 4110 Counseling Adolescents and Families.....	3
Bachelor of Science curriculum (see page 61) .....	12
Free Electives.....	19

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<sup>1</sup> Total adjusted from 19 to 16. This allows for a Group A, B, or C course to (a) be counted in General Education and (b) satisfy both a General Education and a major requirement.

**Psychology and Human Services with Psychology Concentration for Bachelor of Science..... 120**

General Education Curriculum (page 66) ..... 55

    Math for the Major..... 3

        MATH 1220 Elementary Probability and Statistics ..... 3

    Social Science from the Major..... 3

        Count one PSYC or SOCI course from Group A, B, or C to satisfy this General Education requirement.

    Balance of General Education Curriculum .....49

Major Curriculum<sup>1</sup> .....16

    Group A ..... 3

        Choose one of the following

        PSYC 1100 Psychology Applied to Modern Life ..... 3

        PSYC 1200 General Psychology ..... 3

    Group B .....13

        Choose sixteen hours from the following:

        PSYC 2100 Child and Adolescent Development ..... 3

        PSYC 2110 Adult Development and Aging..... 3

        PSYC 3100 Abnormal Psychology ..... 3

        PSYC 4100 Theories and Principles of Counseling ..... 3

        PSYC 4400 Senior Seminar ..... 3

        INDS 3610 Pre-Internship ..... 1

Concentration Curriculum – Psychology ..... 18

    Group C ..... 18

        Complete each of the following:

        PSYC 2300 Research Methods ..... 3

        PSYC 2400 Personality ..... 3

        PSYC 3110 Social Psychology ..... 3

        PSYC 4200 Learning and Memory ..... 3

        PSYC 4210 Physiological Psychology..... 3

        PSYC 4071 Internship ..... 3

Bachelor of Science curriculum (see page 61) ..... 12

Free Electives.....19

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<sup>1</sup> Total adjusted from 19 to 16. This allows for a Group A, B, or C course to (a) be counted in General Education and (b) satisfy both a General Education and a major requirement.

## Psychology and Human Services Minor

<b>Psychology and Human Services Minor</b> .....	<b>18</b>
Group A – Foundation Courses.....	3
Choose of the following:	
PSYC 1200    General Psychology .....	3
PSYC 1100    Psychology Applied to Modern Life .....	3
Group B – Core Courses .....	3
Choose one from the following:	
PSYC 2100    Child and Adolescent Development .....	3
PSYC 2110    Adult Development and Aging.....	3
PSYC 3100    Abnormal Psychology.....	3
PSYC 4100    Theories and Principles of Counseling.....	3
Group C – Concentrations Courses .....	12
Choose 12 hours from the following:	
HUMA 1100    Introduction to Human Services .....	1
HUMA 2071    Field Experience I .....	1
HUMA 4071    Internship <sup>1</sup> .....	3
PSYC 2300    Research Methods.....	3
PSYC 2400    Personality .....	3
PSYC 3110    Social Psychology .....	3
PSYC 4210    Physiological Psychology.....	3
PSYC 4200    Learning and Memory .....	3
PSYC 4071    Internship <sup>1</sup> .....	3
SOC1 1100    Introduction to Sociology.....	3
SOC1 1200    Marriage and Family .....	3
SOC1 2100    Social Welfare and Social Services.....	3
SOC1 4110    Counseling Adolescents and Families.....	3

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<sup>1</sup> This course has a prerequisite. See the course descriptions starting on page 230.

## Spanish Minor

Spanish has become the fourth most widely spoken language in the world and the second most frequently used language in the United States. Many American companies are looking for Spanish language personnel since the new international trade agreement was made with Latin America in 2005.

The Spanish minor prepares students to understand, speak, read, and write Spanish proficiently. The Spanish minor familiarizes students with the history, literature, culture, and civilization of the Spanish-speaking nations in order to share the Christian message in a global community.

<b>Spanish Minor</b> .....	<b>18</b>
Group A – Required Courses .....	6
Complete each of the following:	
SPAN 2111      Intermediate Spanish I .....	3
SPAN 2112      Intermediate Spanish II .....	3
Group B – Electives .....	12
Choose courses totaling 12 or more hours from the following:	
SPAN 3111      Advanced Conversation and Composition I .....	3
SPAN 3112      Advanced Conversation and Composition II .....	3
SPAN 3211      Selected Readings in Spanish Literature .....	3
SPAN 3212      Selected Readings in Latin American Literature .....	3
SPAN 4080      Special Topics .....	1-3
SPAN 4081      Directed Study and Research .....	1-3

Montreat College provides students with several avenues for foreign study. Students may apply for the Council of Christian Colleges and Universities' (CCCCU) Latin American Studies Program in Costa Rica for a semester abroad.

This generation offers widening opportunities for students to join institutions that want to employ Spanish-speaking team members. Employment is available in education, the military, law, public health, journalism, radio, TV, missions, business, translation, civil service, and social service. Other students may decide to proceed with their graduate study in Spanish.

## Worship Arts Minor – Non-Music Majors

### Worship Arts Minor ..... 21

#### Group A – Core Courses ..... 16

Complete each of the following:

WOAR 1901	Worship Arts Survey I.....	3
MUSC 1211	College Choir.....	1
MUSC 4271	Conducting.....	2
MUSC 1311	Music Theory I with lab.....	4
MUSC 1312	Music Theory II with lab.....	4
WOAR 4961	Worship Arts Seminar I.....	1
WOAR 4962	Worship Arts Seminar II.....	1

#### Group B – Applied Music Options ..... 2

Choose piano, guitar, or voice for 2 hours:

MUSC 1121, 1122, 2121, 2122	Applied Piano.....	(each) 1
MUSC 1131, 1132, 2131, 2132	Applied Guitar.....	(each) 1
MUSC 1111, 1112, 2111, 2112	Applied Voice.....	(each) 1

#### Group C –Electives..... 3

Choose one of the following:

ARTS 2311	Drawing I.....	3
ARTS 3312	Drawing II.....	3
ARTS 3410	Painting.....	3
THEA 3303	Voice and Movement.....	3
THEA 2301	Acting.....	3
THEA 3111	Theatre Ensemble.....	3

## Worship Arts Minor – Music Majors

### Worship Arts Minor ..... 21

#### Group A – Core Courses ..... 7

Complete each of the following:

WOAR 1901	Worship Arts Survey I.....	3
MUSC 4271	Conducting.....	2
WOAR 4961	Worship Arts Seminar I.....	1
WOAR 4962	Worship Arts Seminar II.....	1

#### Group B – Applied Music Options ..... 2

Choose piano, guitar, or voice for 2 hours:

MUSC 1121, 1122, 2121, 2122	Applied Piano.....	(each) 1
MUSC 1131, 1132, 2131, 2132	Applied Guitar.....	(each) 1
MUSC 1111, 1112, 2111, 2112	Applied Voice.....	(each) 1

#### Group C –Electives..... 12

Choose four courses of the following:

ARTS 2311	Drawing I.....	3
ARTS 3312	Drawing II.....	3
ARTS 3410	Painting.....	3
THEA 3303	Voice and Movement.....	3
THEA 2301	Acting.....	3
THEA 3111	Theatre Ensemble.....	3

## Associate Degrees

The requirements for associate degrees at Montreat College are designed to provide breadth in the liberal arts general education. Students earning an associate degree from Montreat College will be equipped with foundational skills to integrate into professional careers, and prepared to pursue junior and senior level study toward a bachelor degree.

- Earn a minimum of 60 academic hours of credit.
- Successfully complete all courses listed as basic degree requirements.
- Present a grade of C or better on transfer hours accepted and a career grade point average of 2.0 on all work attempted for a degree at Montreat College.
- Earn a minimum of 24 semester hours at Montreat College.
- Complete an "Application for Graduation" form during the registration period for the semester immediately prior to the date the degree is to be granted.
- Successfully fulfill General Education competency requirements (mathematical computation, oral expression, reading, writing, and computer literacy).

Students who leave Montreat College with less than 60 hours or less than a 2.0 grade point average may enroll in another institution and transfer back a maximum of 12 semester credits toward an associate degree at Montreat College.

Students are normally subject to the academic requirements stated in the Catalog that was current when they matriculated. A student who leaves the College and is later readmitted must meet the requirements current at the time of readmission. It is each student's responsibility to be sure all degree requirements are met.

Students wishing to complete an associate degree while pursuing a bachelor degree must have the two-year degree conferred at least one academic year prior to earning the four-year degree.

### Associate of Arts (AA) or Science (AS) Degree

#### Requirements for an Associate of Arts or Associate of Science Degree

##### Degree Components:

Completion of the AA or AS Degree Requirements (60 credits)

Completion of the General Education Competencies (See Bachelor Degree General Education section for competencies and required components)

Completion of 60 credit hours with a minimum GPA of 2.0 (a minimum of 24 credit hours must be completed at Montreat College)

Associate of Arts/Science Degree Requirements		
Curricula	Applicable Courses	Hrs
First Year Experience**	INDS 1102 (2) or INDS 2100 (1)	1-2
Bible*	BIBL 1101 & BIBL 1102	6
Computer	CYBR 1131 ( <i>minimum grade: C</i> )	3
English Writing*	ENGL 1111 or ENGL 1131 & ENGL 1112 or ENGL 1132 ( <i>minimum grade: C</i> )	6
English Literature	ENGL Literature 2000-level or above, excluding writing courses ( <i>minimum grade: C</i> )	3
History	HIST 1301 & HIST 1302 (HIST 2101 or HIST 2102 may be substituted for one semester of world history)	6
Arts & Humanities	At least one hour in Arts and one hour in Humanities	6
Mathematics	MATH 1120 or above ( <i>minimum grade: C</i> )	3
Natural Science	Choose two from: ASTR 1111 and 1101, ASTR 1112 and 1102, BIOL 1111, BIOL 1112, BIOL 2211, BIOL 2212, CHEM 1111, CHEM 1112, ENSC 1112, PHYS 1311, PHYS 1312	8
Oral Expression	COMM 1220, COMM 2202, ENGL 2510, OREC 3212, THEA 3303 ( <i>minimum grade: C</i> )	3
Physical Education +	Choose 3 credits of Physical Education course(s) from: EXSC 1111, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1312;+ OREC 1170, 1720, 1731, 1732, 1741, 1742, 1751, 1752, 1761, 1762;+ HLSC 1411	3
Social Science	Choose one: BUSN 2601, BUSN 2602, any SOCI, PSYC 1100, CRIM 1111, COMM 1203	3
AA or AS requirement	AA students must Choose an additional humanities course	3
	AS students must Choose an additional mathematics course	
Electives	Choose 6 credits of electives to bring total credits to 60	6-7
<b>Total Associate Degree General Education and Elective Credit Hours:</b>		<b>60</b>

\* All full-time students **must** be enrolled in BIBL 1101 and ENGL 1111 the first semester of enrollment and BIBL 1102 and ENGL 1112 the second semester of enrollment until they are successfully completed. Refer to "Required Courses Must Be Taken Until Successfully Completed" for more information.

\*\*All full-time students **must** be enrolled in either INDS 1102 or INDS 2100 the first semester of enrollment until successfully completed. INDS 1102 is for students with less than 12 hours of college credit obtained in a college setting (does not include dual-enrolled classes, AP classes or CLEP credits). INDS 2100 is for students who have attended another college and are transferring in at least 12 credit hours. Athletes that are forced to miss two or more days of INDS 2100 will need to drop and re-enroll the next semester.

\*\*\*Students in the Montreat College Honors Program will count HONS 3110 and HONS 4120 for six (6) Gen-Ed humanities credits, and are therefore only required to take one of the humanities classes (3 credits) listed above.

\*\*\*\* Foreign languages represent different subject areas of study. Students can take two or more languages to fulfill the required 9 hours.

+ Athletes may receive 1 credit per semester for full participation in designated college team sports (up to 2 credits total). Only 1 credit may be awarded per semester, regardless of dual-sport participation. Verification of participation must be provided by the team coach.

++ Students may repeat 1 credit physical activity courses up to two times to fulfill the Physical Education requirement

NOTE: Course numbering is specific to Montreat College courses; transfer students will be given consideration based on a course-by-course evaluation of credit.

This chart is reflective of the entire associate program and maximum credits for the entire degree. A minimum of 60 credits is required for the associate degree.

If a student enrolls in a minimum of 15 hours each semester, this program can be completed in two years.

## Special Programs

### Field-Based Wilderness courses

Montreat College offers unique wilderness courses, Discovery Wilderness Expedition and Wilderness Journey, which are open to any student. Course components may include backpacking, whitewater canoeing, rock climbing, route-finding, and a solo experience. Traveling in small groups, students experience the beauty and challenge of the wilderness while developing camping skills and learning backcountry navigation. Through these experiences, students are encouraged to work together, develop an attitude of service, and gain an appreciation for the natural environment. Emphasis is placed on spiritual growth and Christian fellowship. These courses are offered at various times during summer and winter breaks.

### Travel Seminars

As an academic community, Montreat College seeks to provide students with a total educational experience that is international in scope and multicultural in perspective. In this regard, travels both at home and abroad, for credit and noncredit, are made available. Tours of a historical, biblical, and general interest nature are offered during semester breaks and the summer. These travel seminars are led by experienced faculty members and professional tour guides. Travel experiences are arranged in conjunction with the Office of Academic Affairs.

## Study Abroad and Off-Campus Study (SAOCS)

Montreat College encourages students to pursue study abroad and off-campus study when possible. SAOCS is coordinated by the Thrive Center. General policies governing study abroad are provided below.

- Application: Apply through the Thrive Center.
  - Deadline for Listed Programs (below): Fall – April 1; Spring – November 1; Summer – February 1
  - Deadline for Unlisted Programs: Fall – February 1; Spring – June 1; Summer – December 1
- Eligibility: A student must have and maintain good academic standing in all semesters during the application, approval, and registration processes.
- Approval: Participation in SAOCS requires clearance through Student Life and Academic Affairs.
- Timing: The student is encouraged to participate prior to their last semester, and the program is typically limited to juniors and seniors who show strong Christian commitment and a strong academic record.
- Finances/Financial Aid: The continuing Montreat College degree-seeking student should file a FAFSA to be eligible for federal and state awards and loans, *if applicable*. No Montreat College funds/scholarships will be awarded for study abroad. The student will not be eligible for any aid, including Work-Study, that ordinarily requires on-campus participation and effort.
- Payment/Billing: The student pays Montreat College who pays the CCCU. The College is responsible for ensuring payment of fees, except for the \$50 application fee, which is paid directly to the CCCU by the student. The College will charge a \$100 administrative fee in addition to the CCCU charges.
- Academic Credit: All academic credit will be issued from Montreat College upon receipt of an official transcript (in English) from the foreign institution. Application of credits to degree/program requirements is determined by the appropriate academic department. The student will be considered enrolled at the College at an extension campus.
- Conduct: A student will always comport himself or herself as a representative of Montreat College and will comply with the conduct code of both Montreat and the specific study abroad program.

## Council for Christian Colleges and Universities (CCCU) GlobalEd Programs

Montreat College partners with the CCCU to offer study abroad programs. For further information, contact the Thrive Center at Montreat College; the Council for Christian Colleges and Universities, 329 Eighth Street NE, Washington, D.C. 20002, Phone: 202-546-8713, Fax: 202-546-8913; or consult the CCCU website ([www.cccuglobaled.org](http://www.cccuglobaled.org)).

### American Studies Program – Washington, D.C. (ASP)

The most update information on this program can be found here: <https://www.cccuglobaled.org/asp/>

### Nashville - Contemporary Music Center (CMC)

The most update information on this program can be found here: <https://www.cmcnashville.com/>

### **Middle East Studies Program (MESP)**

The most update information on this program can be found here: <https://www.cccuglobaled.org/mesp/>

### **Scholarship and Christianity at Oxford – Summer**

Options include a full semester and a shorter summer program.

The most update information on this program can be found here: <https://www.cccuglobaled.org/scio/>

## **Other Off-Campus Study Opportunities**

Montreat College students can participate in study abroad or off-campus study programs sponsored by other institutions. See the guidelines for all off-campus study programs for more information.

### **Au Sable Institute**

Montreat College students can take several 4-credit Biology or Environmental Science courses at Au Sable Institute for credit at Montreat College. Courses, dates, and location information can be found here: <https://www.ausable.org/college>

### **Rome With Purpose**

Students taking part in this program may be eligible to transfer in 15-16 credits in a fall or spring semester while experiencing Italy in Christian community. Participants live on one floor of a convent in Rome and take classes from qualified professors from a Christian worldview, including Italian language and culture and excursions in Rome and Italy. Students will experience the sites of ancient Rome as well as the current influences of Italian politics, religion, and customs that make Italy the complex culture that it is today. Opportunities to volunteer with local Christian ministries or to experience weekend homestays are available. Students may engage in independent travel or stay in Rome over three one-week breaks between classes. Limited scholarships are available. For more information, visit [www.romewithpurpose.com](http://www.romewithpurpose.com).

### **Veritas**

Students who study on a Veritas program will have opportunities to work with local missionaries in Czech Republic, Chile, Costa Rica, England, France, Italy, New Zealand, Peru, South Africa, South Korea, or Spain while they earn college credit toward their degree. Serving others in the host culture for a semester or summer program will enhance the immersion experience and give students a broader understanding of the joys and challenges of cross-cultural missions beyond the experience of a short-term mission trip. Veritas Christian Study Abroad is an affiliate company of International Studies Abroad (ISA), which for 25 years has been providing high quality academic programs. Veritas utilizes the experience and infrastructure of ISA to create study abroad programs for students interested in integrating faith and learning. Students take one Veritas course and then Choose from a wide Selection of courses taught at the host university in each city, either in English or in the language of the host country. The program is offered in fall, spring, and summer semesters. For more information visit [www.veritasabroad.com](http://www.veritasabroad.com).

**Contact the Thrive Center for information about other SAOCS opportunities not listed here.**

# Course Descriptions for the School of Arts and Sciences

## Undergraduate

### Course Numbering System and Abbreviations

The first digit of the course number generally indicates the level of the course, i.e. 1000 = freshman, 2000 = sophomore, 3000 = junior, 4000 = senior. The number in parentheses after the course title provides the credit in semester hours.

Courses numbered at the 1000 and 2000-level are open to all students; 3000-level courses are normally open to sophomores, juniors, and seniors; 4000-level courses are open to juniors and seniors.

The following list of abbreviations is used for academic subjects:

ARTS	.....	Art
ASTR	.....	Astronomy
BIBL	.....	Bible
BIOL	.....	Biology
BUSN	.....	Business Administration
CHEM	.....	Chemistry
CHCU	.....	Church and Culture
COMM	.....	Communication
CRIM	.....	Criminal Justice
CYBR	.....	Cybersecurity
DATA	.....	Data Analytics
EDUC	.....	Education
ENGL	.....	English
ENSC	.....	Environmental Science
EXSC	.....	Exercise Science
GREK	.....	Greek
HLSC	.....	Health Science
HBRW	.....	Hebrew
HIST	.....	History
HONS	.....	Honors
HUDE	.....	Human Development
HUMA	.....	Human Services
INDS	.....	Interdisciplinary Studies
MATH	.....	Mathematics
MNST	.....	Ministry
MUSC	.....	Music
MUSB	.....	Music Business
OMIN	.....	Outdoor Ministry
OREC	.....	Outdoor Recreation
PHIL	.....	Philosophy
PHYS	.....	Physics
SOCI	.....	Sociology
SPAN	.....	Spanish
THEA	.....	Theatre
THEO	.....	Theology
WOAR	.....	Worship Arts
YMIN	.....	Youth and Family Ministry

## Art (ARTS)

**ARTS 1111 Survey of Art I..... 3**  
A survey of painting, sculpture, architecture, and the minor arts of Western and non-Western cultures from ancient times to the thirteenth century.

**ARTS 1112 Survey of Art II..... 3**  
A survey of painting, sculpture, architecture, and the minor arts of Western and non-Western cultures from the thirteenth century to the present.

**ARTS 2311 Drawing I..... 3**  
A studio course emphasizing the fundamentals of drawing and composition through a variety of tools, materials, and techniques.

**ARTS 2210 Principles of Design..... 3**  
A foundation course presenting the elements and organizational principles of visual design applied to pictorial composition and graphic arts.

**ARTS 3312 Drawing II..... 3**  
An advanced studio drawing course emphasizing understanding and illustration of the human form.

**ARTS 3410 Painting..... 3**  
A studio course for observing and interpreting the natural world and/or still-life to create works of art through painting, both on location and within the studio.

**ARTS 3510 Sculpture..... 3**  
A studio course developing three-dimensional forms through earthenware clay sculpture techniques.

**ARTS 3610 Graphics and Photojournalism..... 3**  
Explores the theoretical and practical aspects of choosing, creating, and composing photographic images for graphic arts and journalism. Students will explore an historical overview of photography to critically evaluate the visual rhetoric of images in popular culture and journalism. Students will create effective images for a series of graphic arts and journalism projects. Cross listed with ARTS 3610.

**ARTS 4081 Directed Study and Research..... 1-3**  
Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**ARTS 4120 Exhibition..... 3**  
An independent studio course, supervised by the art department, through which the student must prepare and document a final exhibition of personal artwork/research. *Prerequisites: ARTS 1111 or 1112, 2311, 2210, or consent of professor.*

**ARTS 4220 Seminar in Studio Art..... 3**  
An advanced visual art studio course of study, varied by medium, objective, and faculty, to present unique techniques and aesthetic philosophies. May be repeated once as content varies.

Up to three hours can be applied to an Art minor studio course (drawing, photography, sculpture), and up to six hours toward overall graduation requirements.

## Astronomy (ASTR)

**ASTR 1110, 1101 The Solar System, Lecture and Lab..... 3, 1**  
Explores the historical foundations of astronomy, the laws of Newton and Kepler, the planets and their moons, and the smaller objects in the solar system. Three hours of lecture and two hours of lab per week.

**ASTR 1112, 1102 Stars and Galaxies, Lecture and Lab..... 3, 1**  
Explores how we learn about stars and galaxies. Stellar and galactic life cycles and the origin and structure of the universe will be considered. Three hours of lecture and two hours of lab per week.

## Bible (BIBL)

**BIBL 1101 Survey of the Old Testament.....3**  
Introduces the student to the tools and background necessary for understanding, interpreting, and applying the Old Testament to contemporary life. Furthermore, the course prepares the student to discuss intelligently the factual material in the Old Testament and to make clear, critical judgments regarding the validity of various interpretations of the Old Testament. Required of all full-time, first year students in the fall semester.

**BIBL 1102 Survey of the New Testament.....3**  
Introduces the tools and background necessary for understanding, interpreting, and applying the New Testament to contemporary life, designed to prepare students to intelligently discuss the factual material in the New Testament and to make clear, critical judgments regarding the validity of various interpretations of the New Testament. Required of all full-time, first year students in the spring semester.

**BIBL 2201 Old Testament Theology.....3**  
An in-depth study of Old Testament themes with a view to their relevance for Christian theology, worship, and ethics. These include God's self-revelation, creation, covenant/kingdom, fall, law, worship, prophecy, and hope. The course will include an introduction to proper exegetical, hermeneutical, and theological method. This course may be taken in lieu of BIBL 1101 with the consent of the department chair. *Prerequisite: BIBL 1101 or consent of professor (Offered fall semesters, even years.)*

**BIBL 2202 New Testament Theology.....3**  
An introduction to the major themes of New Testament theology and their specific relevance for Christian theology, worship, and ethics. These include: the Kingdom of God, justification, sanctification, and Pauline theology. This course may be taken in lieu of BIBL 1102 with consent of the department chair. *Prerequisite: BIBL 1102 or consent of professor (Offered spring semesters, odd years.)*

**BIBL 2308 Gospels** ..... 3  
 A study of the broad outlines of the life of Jesus and the Gospel literature of the New Testament. The course will examine the distinguishing theological interests of the gospel accounts, drawing particular attention to the similarities and differences between the Synoptic Gospels and the Gospel of John. *(Offered fall semesters, odd years.)*

**BIBL 2309 Epistles** ..... 3  
 A study of the broad outlines of the epistolary literature of the New Testament. The course will examine the distinguishing theological interests of the Epistles, especially the dominant motifs conveyed in the apostolic epistolary addressed to the earliest churches. *(Offered spring semesters, even years.)*

**BIBL 3302 Romans** ..... 3  
 An intensive study of the letter and its setting in Paul's ministry. The course also treats the biblical theology developed in the letter. *(Offered spring semester, odd years.)*

**BIBL 3303 Prophetic Literature of the Old Testament**..... 3  
 A comprehensive study of the Hebrew prophets interpreted in light of their context. *(Offered fall semesters, odd years.)*

**BIBL 3305 Biblical Interpretation** ..... 3  
 A study of the history, problems, and methods of biblical interpretation, including a study of biblical-theological themes of the Old and New Testaments. *(Offered fall semester, odd years.)*

**BIBL 3308 Apocalyptic Literature**..... 3  
 A survey of the history, development, and interpretation of biblical apocalyptic literature with special emphasis on Daniel and the Revelation of John. *(Offered spring semesters, even years.)*

**BIBL 3351 Biblical Studies Abroad**..... 1-6  
 Selected biblical topics or books - authors, historical developments, theological themes, and missionary movements - with emphasis on their geographical and cultural settings associated with the biblical literature. Residence abroad. *(Offered spring semesters, odd years.)*

**BIBL 4071 Internship** ..... 3  
 An intensive, quality, structured learning opportunity that immerses students in appropriate professional contexts. Supervision of the practicum is a shared responsibility between the faculty advisor and on-site supervisor. This course may be repeated; a maximum of six (6) hours may be used to satisfy degree requirements. *Pre-requisites: INDS 3610, Permission of the student's advisor and department chair of designee.*

**BIBL 4080 Special Topics in Bible/Theology (Upper Level)** 1-3  
 Provides students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**BIBL 4081 Directed Study and Research** ..... 1-3  
 Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of

credit. Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required. *(Offered by department discretion.)*

**BIBL 4091 Senior Thesis** ..... 3  
 Students will develop an extensive paper under the direction of a faculty member that demonstrates their ability to do senior-level research and writing on a specialized topic in biblical studies or theology. A committee consisting of the course professor, another member of the division, and one member chosen by the student will evaluate and grade the thesis. *(Offered every semester as needed.)*

## Biology (BIOL)

**BIOL 1111, 1101 Survey of Biological Principles I** ..... 4  
 General introductory study stressing principles common to all living organisms: their structure, function, basic chemical and physical properties, inheritance, evolution, and ecology. Three hours of lecture and two hours of lab per week.

**BIOL 1112, 1102 Survey of Biological Principles II**..... 4  
 General introductory study stressing principles common to all living organisms: their structure, function, basic chemical and physical properties, inheritance, evolution, and ecology. A continuation of BIOL 1111. Three hours of lecture and two hours of lab per week.

**BIOL 1123, 1103 Advanced Survey of Biological Principles I** .. 4  
 General introductory study stressing principles common to all living organisms: their structure, function, basic chemical and physical properties, inheritance, evolution, and ecology. Three hours of lecture and two hours of lab per week. The advanced biology course will have more in-depth coverage of all topics in lecture, and more challenging inquiry-based laboratory activities.

**BIOL 1124, 1104 Advanced Survey of Biological Principles II**..... 4  
 General introductory study stressing principles common to all living organisms: their structure, function, basic chemical and physical properties, inheritance, evolution, and ecology. Three hours of lecture and two hours of lab per week. The advanced biology course will have more in-depth coverage of all topics in lecture, and more challenging inquiry-based laboratory activities. A continuation of BIOL 1123.

**BIOL 2080 Special Topics in Biology (Lower Level)** ..... 1-3  
 Provides students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**BIOL 2121 Medical Terminology** ..... 1  
 Online. Introduces students to medical terminology commonly used in a variety of health care fields. Emphasis is placed on prefixes, suffixes, and building and analyzing medical terms.

**BIOL 2211, 2201 Human Anatomy and Physiology I .....4**  
 An introduction to basic concepts of biology and the in-depth anatomy and physiology of the skeletal and muscular systems with additional overviews of human respiratory, cardiovascular and nervous system anatomy and physiology for health sciences students. The laboratory portion emphasizes the scientific method, involving observation, experimentation, data analysis and critical thinking, as applied in the study of human anatomy and physiology. *Fee*

**BIOL 2212, 2202 Human Anatomy and Physiology II .....4**  
 An introduction to the anatomy and physiology of the nervous, digestive, respiratory, cardiovascular, immune, renal, reproductive, and endocrine systems for health sciences students. The laboratory portion emphasizes the scientific method, involving observation, experimentation, data analysis and critical thinking, as applied in the study of human anatomy and physiology. *Prerequisite: BIOL 2211, 2201. Fee*

**BIOL 2222 Animal Physiology..... 3**  
 Physiology of animals with an emphasis upon systems integration and related environmental, biological, and toxicological issues and concerns. Three lecture hours. *Prerequisites: BIOL 1111, 1101 and BIOL 1112, 1102 or BIOL 1123, 1103 and BIOL 1124, 1104, or consent of professor.*

**BIOL 2322, 2302 Animal Diversity and Ecology .....4**  
 Lectures deal with taxonomy, morphology, ecology, and relationships of principal vertebrate groups. Laboratories treat ecology, population biology identification and morphology, with emphasis on local forms. Three hours of lecture and three hours of lab per week. *Prerequisites: BIOL 1111, 1101 and BIOL 1112, 1102 or BIOL 1123, 1103 and BIOL 1124, 1104; ENSC 2211, 2201 or consent of professor.*

**BIOL 2323 Plant Diversity and Ecology..... 3**  
 Taxonomy and ecology of indigenous flora with concentration upon vascular plants. An introduction to plant structure, function, and systems will be included. The development of a collection and the use of a herbarium will be integrated into this program's effort to survey the natural surroundings of the College. Two hours lecture and two hours lab per week. *Prerequisites: BIOL 1111, 1101 and BIOL 1112, 1102 or BIOL 1123, 1103 and BIOL 1124, 1104; ENSC 2211, 2201 or consent of professor.*

**BIOL/ENSC 2611 Sophomore Science Seminar ..... 1**  
 Science training in academic and professional skills. These courses will complement students' development at progressive levels of their program training.

**BIOL 3031 Advanced Human Anatomy and Physiology .....4**  
 Anatomy and physiology of all human systems with an emphasis upon systems integration and related environmental, biological, and toxicological issues and concerns. Four lecture hours. *Prerequisites: BIOL 1111, 1101 or 1123, 1103 and BIOL 1112, 1102 or 1124, 1104 with a B average or better in these courses, or consent of professor.*

**BIOL 3231 Plant Physiology..... 3**  
 Focusing on the mechanisms regulating the growth and development of higher plants, topics include photosynthesis, mineral nutrition, water relations, stress physiology, and growth

regulators. *Prerequisites: BIOL 1123, 1103 and BIOL 1124, 1104 and ENSC 2211, 2201, or consent of professor.*

**BIOL 3421, 3401 Cell Biology..... 4**  
 Structure and physiology of cells with an emphasis on the homeostasis of molecular processes and how cellular functions are integrated in multicellular organisms. Laboratory training serves as a foundational skills training for upper-level courses and includes independent laboratory work. Three hours lecture and three hours laboratory. *Prerequisites: BIOL 1123, 1103 and BIOL 1124, 1104, CHEM 1111, 1101 or consent of professor. (Offered every spring)*

**BIOL 3711 Biostatistics .....3**  
 The application of statistical methods in the biological sciences. Topics include experimental design, sampling techniques, and data analysis techniques including regression analysis and analysis of variance and covariance.

**BIOL/ENSC 3811 Research Methods.....3**  
 Participation in faculty-supervised independent research project. Involves a literature review, data collection and analysis, the completion of a written research paper, and an oral presentation. *Prerequisite: MATH 1220 or BIOL 3711; Junior standing or consent of professor.*

**BIOL 4080 Special Topics in Biology (Upper Level) ..... 1-3**  
 Provides students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *Prerequisite: Consent of department chair. Offered by department discretion.*

**BIOL 4081 Directed Study and Research ..... 1-3**  
 Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**BIOL 4091 Senior Project or Internship (Honors Option) .....3**  
 Students are responsible for a project/internship design and proposal. Related employment is pursued through a student job search. This project is typically developed during the junior year, employment is pursued during the summer, and the final project presented during the senior year. A research-based project may be considered for honors recognition.

**BIOL 4331 Conservation Biology .....3**  
 Studies an emerging discipline that encompasses the study and conservation of the earth's biodiversity. Topics include population biology, ecology, and conservation of the diversity of species that cohabit the living world. It also examines how theories are used in habitat management practices. Current issues and case studies are used as examples. *Prerequisites: BIOL 1111, 1101 and BIOL 1112, 1102 or BIOL 1123, 1103 and BIOL 1124, 1104 and ENSC 3911.*

**BIOL 4511, 4501 Genetics.....4**  
 Molecular, Mendelian, and population genetic principles will be developed with the inclusion of an introduction to modern experimental techniques. The course will also explore the application of Christian values to ethical issues related to genetics. The laboratory provides training in the application of genetic analysis techniques. Three hours of lecture and three hours of laboratory per week. *Prerequisites: BIOL 1123, 1103 and BIOL 1124, 1104, BIOL 3421, 3401 and CHEM 3213, 3203 or consent of professor.*

**BIOL/ENSC 4611 Senior Science Seminar..... 1**  
 Science training in academic and professional skills. These courses will complement students' development at progressive levels of their program training. *Prerequisite: ENSC/BIOL 2611 or consent of professor.*

**BIOL 4621, 4601 Microbiology 4**  
 Fundamental concepts, biochemistry, and applied aspects of microbiology. Topics include microbial structure, physiology, genetics, growth, control, and reproduction. The laboratory will emphasize current analysis techniques utilized within the medical, environmental, and industrial fields. Three hours of lecture and three hours of laboratory per week. *Prerequisite: BIOL 3421, 3401 or consent of professor. (Offered every fall)*

**BIOL/CHEM 4701 Biochemistry I Lab..... 1**  
 This laboratory Course emphasizes fundamental biochemical and molecular biological laboratory techniques, supporting concepts, and data analysis. *Corequisite: BIOL 4721. (Offered every spring.)*

**BIOL/CHEM 4702 Biochemistry II Lab .....2**  
 This laboratory course integrates biological and chemical laboratory techniques with application to chemical analytical instrumentation. Use of instrumentation and independent student research that is dependent upon the laboratory skill training and data analysis proficiency of upper-level biology and chemistry courses, are central components of this laboratory. *Prerequisite: BIOL 4721,4701 Co-requisite: BIOL/CHEM 4722. (Offered every spring.)*

**BIOL/CHEM 4721 Biochemistry I ..... 3**  
 Structure and function of biological molecules, especially proteins, lipids and carbohydrates. Important concepts include bioenergetics, biological catalysis, and metabolic pathways as interacting, regulated systems. *Prerequisites: : BIOL 3421, 3401, BIOL 4511, 4501 CHEM 1111, 1101, 1112, 1102, CHEM 3213, 3203, 3214, 3204 or consent of professor. (Offered every spring.)*

**BIOL/CHEM 4722 Biochemistry II ..... 3**  
 Building upon the focus in Biochemistry I of structure and function of biological molecules, bioenergetics, enzymes, biosignaling, and metabolic pathways, this course further develops bioenergetic, metabolism, and genetic molecular informational pathways. *Prerequisites: BIOL 3421, 3401, 4511, 4501, 4621, 4601, 4721, 4701, CHEM 1111, 1101, 1112, 1102, CHEM 3213, 3203, 3214, 3204 or consent of professor. (Offered every spring.)*

**BIOL 4821 Contemporary Biological Investigations .....3**  
 Exploration of contemporary topics through applied research in Animal Physiology, Microbiology, Genetics, and Biochemistry culminating in a senior biology research project. Three hours and an occasional additional hour for senior project development. *Prerequisites: BIOL 3421, 3401, CHEM 1111, 1101, CHEM 1112, 1102, CHEM 3213, 3203, recommend BIOL 4511, 4501, CHEM 3214, 3204, and a recommended background in Biochemistry, and some experience in biological research techniques and investigation, or consent of professor.*

## **Business Administration (BUSN)**

**BUSN 1101 Introduction to Business .....3**  
 A survey course that introduces students to the fundamentals of business with particular attention given to the historical and economic foundations of our capitalistic system; the global marketplace; social and legal environments; human resources; marketing; management information systems; and financial management.

**BUSN 2080 Special Topics in Business (Lower Level)..... 1-3**  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)* Marketing; management information systems; and financial management. *(Offered every semester.)*

**BUSN 2201 Principles of Accounting I.....3**  
 Proprietary-based treatment of the accounting cycle, financial statements, merchandising, cash receivables, payables, inventories, plant property and equipment, payroll, accepted accounting principles and partnerships. *Pre or corequisite: BUSN 1101. (Offered every fall.)*

**BUSN 2202 Principles of Accounting II .....3**  
 Treatment of corporations, investment, consolidated statements, tax impact on decision, statement analysis, changes in financial position, responsibility account, manufacturing, cost process job order, and standard. *Pre or corequisite: BUSN 2201. (Offered every spring.)*

**BUSN 2301 Principles of Marketing.....3**  
 An introductory study of the marketing process with a background in the elements of the marketing mix, product distribution structure, price system, and promotional activities. The importance of customer orientation is stressed. *Pre or corequisite: BUSN 1101. (Offered every fall.)*

**BUSN 2401 Principles of Management.....3**  
 An introductory course to management structured around the basic management functions of planning, organizing, leading, and controlling. The course explores the functions of the management process in for-profit and not-for-profit organizations, large and small. Special topics include: globalization, quality, competitiveness, teamwork, ethics and entrepreneurship. *Pre or corequisite: BUSN 1101. (Offered every spring.)*

**BUSN 2407 Principles of Sports Management ..... 3**  
 An introduction to the sports management industry including event organization, administration, contracting services, and other related functions. Emphasis is placed on written and communication skills for acquiring entry-level positions in sport management. *Pre or corequisite: BUSN 2401 or consent of professor. (Offered fall semesters, odd years.)*

**BUSN 2601 Macroeconomics ..... 3**  
 A study of modern explanations of national income and employment. The course will give special emphasis to the American economy, its production, inter-relationships of households, business, and government, nature and function of money, monetary and fiscal policy, and public finance. *Pre or corequisite: BUSN 1101. (Offered every fall.)*

**BUSN 2602 Microeconomics ..... 3**  
 A study of price theory and the interplay of supply and demand in competitive markets as a multitude of individual prices, wage rates, profit margins, and rental changes are created. *Pre or corequisite: BUSN 1101. (Offered every spring.)*

**BUSN 2614 Quantitative Methods ..... 3**  
 Models for decision-making for marketing, finance, accounting, production and operations management, parametric and nonparametric statistics. An introduction to simple regression models, constrained and unconstrained optimization, and other techniques. *Prerequisite: MATH 1220. (Offered every fall.)*

**BUSN 3101 International Business ..... 3**  
 A study of the approach to doing business in other nations and cultures. The influences of political systems, competition, economic systems, social, legal, and technology environments on the main business functions (marketing, production, finance) and business effectiveness will be examined. *Pre or corequisite: BUSN 1101. (Offered fall semesters, odd years.)*

**BUSN 3201 International Finance ..... 3**  
 This course exposes the student to the techniques of financial management unique to a multinational enterprise. Students also learn the basics of the macroeconomic and financial environments within which the multinational firm must function. Foreign exchange management is emphasized. Specific topics include: The International Monetary System and the Balance of Payments; International Bond, Equity and Money markets; Futures and Options on Foreign Exchange; Currency Swaps; Exposure Management; International Capital Structure; Capital Budgeting and Short-term financial management. *Prerequisite: BUSN 2601, 2602 and MATH 1220 (Offered fall semesters, odd years.)*

**BUSN 3202 Corporate Finance ..... 3**  
 Study of financial functions of a business enterprise conducted from the standpoint of the financial manager. Emphasis on analysis, planning and control, working capital management, capital budgeting, long-term financing, financial structure and valuation, and required rate of return. *Prerequisite: MATH 1220; pre or corequisite: BUSN 2202. (Offered every spring.)*

**BUSN 3305 Sales Administration ..... 3**  
 A course on the professional, ethical, needs-based, non-manipulative, low-pressure, consultative approach to sales. Theories of selling, communicating, time management, and the relationship of sales to marketing and promotion are covered.

Ethical business issues are examined in simulated selling situations. *Pre or corequisite: BUSN 2301. (Offered spring semesters, even years.)*

**BUSN 3312 Retailing Management .....3**  
 This course employs a balance between a descriptive and conceptual approach for understanding the retailing industry and the decisions made by retailers. Types of retailers, trends in retailing, needs of customers, and factors affecting store and merchandising choices will be examined. Extensive case analysis and actual retailer comparisons will complement the classroom discussion. *Pre or corequisites: BUSN 2301. (Offered fall semesters, even years.)*

**BUSN 3314 Principles of Advertising .....3**  
 An overview of the non-selling methods of promotion, including advertising, sales promotion, and public relations. Primary emphasis on the field of advertising includes a review of the history and economics of advertising, research, copy, layout, production, budgeting, and advertising organization. *Pre or corequisite: BUSN 2301. (Offered fall semesters, even years.)*

**BUSN 3315 Seminar in Sports Marketing.....3**  
 A course designed to examine the unique requirements of planning, designing, developing sponsorship packages, obtaining sponsors, and promoting a sports product or event. Over the course of the semester, students develop and present a plan for production of a sports event. *Pre or corequisite: BUSN 2301. (Offered spring semesters, odd years.)*

**BUSN 3320 Marketing Research .....3**  
 A study of the role of research in marketing decisions. Special emphasis on data gathering, compilation, analysis, and interpretation including the writing and analysis of surveys. Students will work on business problems with actual companies or evaluate new product concepts. *Pre or corequisite: BUSN 2301. (Offered spring semesters, even years.)*

**BUSN 3401 Human Resource Management.....3**  
 A course exploring the management of human resources to help companies meet competitive challenges. Included are discussions of global, quality, social and technological challenges facing United States businesses and the role of human resource management? Current practices and research on motivating, training, and supporting people will be examined. *Pre or corequisite: BUSN 2401. (Offered spring semester, even years.)*

**BUSN 3402 Labor-Management Relations .....3**  
 A study of the history and development of labor relations, structure of union organizations, and process of collective bargaining negotiations and contract administration. With declining union membership over the last ten years, special emphasis is placed on employee relations in nonunion organizations. Contemporary issues include public sector and international labor relations. *Pre or corequisite: BUSN 2401 or Consent of professor. (Offered fall semesters, even years.)*

**BUSN 3403 Organizational Behavior ..... 3**

This course examines the development and maintenance of organizational effectiveness in terms of environmental effects, improving motivation, behavior modification, systems aspects, communications, structure, and the dynamics of problem solving, goal setting, team building, conflict resolution, and leadership. *Pre or corequisite: BUSN 2401. (Offered fall semesters, odd years.)*

**BUSN 3404 Servant Leadership ..... 3**

A study of the concept of servant leadership and its applicability to today's business environment. Students will examine leadership characteristics and strategies of the Great Teacher, Jesus Christ, and compare them to historical and current models for leadership including Nehemiah, Gandhi, Greenleaf, Deming, Covey, and others. *Prerequisite: BUSN 1101; pre or corequisite: BUSN 2401; or consent of professor. (Offered fall semesters, odd years.)*

**BUSN 3410 Production/Operations Management..... 3**

A study of the management of the production functions of a manufacturing business to include world-class production theory. The course will include the study of forecasting, location analysis, allocating resources, designing products and services, scheduling activities, and assuring quality of outputs. *Prerequisite: MATH 1220; pre or corequisite: BUSN 2614. (Offered spring semesters, even years.)*

**BUSN 3502 Business Ethics..... 3**

This course includes an analysis of business policies and practices with respect to their social and moral impact. It raises basic questions on moral reasoning and the morality of economic systems, both nationally and internationally. It also examines the impact of governmental regulations on corporate behavior, and the ethical relationships between the corporation and the public. *Prerequisite: BUSN 1101. (Offered every fall.)*

**BUSN 3506 Business and the Legal Environment ..... 3**

An introduction to the fundamentals of law in which managers manage and entrepreneurs conduct business. A basic understanding of court procedures, legal contracts and related components, contractual capacity issues, and the application of this information to the business environment will be provided through interactive class discussion. Students will also be exposed to issues relating to sales, warranties, agency, employee rights, and the legal forms of business ownership in order to strengthen their decision-making skills. *Pre or corequisite: BUSN 1101. (Offered every spring.)*

**BUSN 3601 Total Quality Management..... 3**

An overview of the philosophy and tools of total quality management beginning with a study of W. Edwards Deming's *Theory of Profound Knowledge*. Students will be actively involved in team-building exercises employing statistical tools and techniques for innovation while solving real-world productivity problems. *Pre or corequisite: MATH 1220 and BUSN 2401 or Consent of professor. (Offered fall semesters, even years.)*

**BUSN 4071 Internship ..... 3**

Supervised internship provides students with the opportunity to integrate classroom instruction with on-the-job learning in an area associated with their concentration. A maximum of six hours may be counted toward the degree. *Prerequisites: Twelve*

*credit hours of BS course work and INDS 3610. (Offered every semester.)*

**BUSN 4080 Special Topics in Business (Upper Level) ..... 1-3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *Prerequisite: Consent of department chair. (Offered by department discretion.)*

**BUSN 4081 Directed Study/Research ..... 1-3**

Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisites: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**BUSN 4302 Consumer Behavior ..... 3**

This course stresses the understanding of consumer behavior in developing marketing strategy. Opportunities are provided for the analysis of advertising's objective, target audience, and the underlying behavioral assumptions. Students will apply consumer behavior knowledge to social and regulatory issues as well as to business and personal issues. *Pre or corequisite BUSN 2301. (Offered fall semesters, odd years.)*

**BUSN 4303 International Marketing ..... 3**

An in-depth study of the operational and cross-cultural aspects of international marketing, including the nature of competition, developmental structures and channels, price and credit policies, promotional challenges, research, product trade barriers, and other international arrangements. The international competitive position of the United States is discussed and evaluated. *Pre or corequisite: BUSN 2301. (Offered spring semesters, odd years.)*

**BUSN 4305 Ecommerce ..... 3**

This course provides insights into the applications of rapidly evolving electronic commerce to determine and satisfy the needs of customers via the internet. Issues and practices that deal with concepts, theories, tactics, and strategies of information technologies and changes in marketing functions to meet the organization's objectives while delivering customer satisfaction and value are analyzed. *Pre or corequisite: BUSN 2301. (Offered spring semesters, odd years.)*

**BUSN 4307 Marketing Management ..... 3**

An integrated course in marketing systematically oriented with emphasis on the marketing mix, formulation of competitive strategies, and special attention to control function, market analysis, marketing information, and sales forecasting. Case analysis and simulation is stressed. *Pre or corequisite: BUSN 2301. (Offered fall semesters, odd years.)*

**BUSN 4401 Management of Not-for-Profit Organizations .... 3**

A practical course designed to familiarize students with the unique management challenges of not-for-profits to include accounting and financial controls, bylaws, boards of directors, program planning, fund-raising, staffing, and community relations. Case studies of mission organizations, church administration, para-church organizations, and other nonprofits are examined. *Prerequisite: BUSN 2401; pre or corequisite: BUSN 2202. (Offered spring semesters, odd years.)*

**BUSN 4421 Strategic Management ..... 3**

This course is designed to provide students with an overview of the strategic management process. Emphasis is placed on developing a vision, setting objectives, and crafting strategy to achieve desired results. The course stresses the importance of analyzing external competitive conditions and the organization's internal capabilities, resources, strengths, and weaknesses in order to gain and sustain a competitive advantage. Approaches to organizational structure, policy, support systems, and leadership required to effectively execute strategy are all examined. *Prerequisite: Senior standing in BUSN. (Offered every semester.)*

**BUSN 4703 Entrepreneurship & Small Business Management ..... 3**

A practical course designed to familiarize students with the application of managerial responsibilities that are uniquely critical to small businesses including entrepreneurship, location analysis, forms of ownership, financing alternatives, accounting practices, marketing and advertising techniques, and inventory control. *Prerequisites: BUSN 2401, 2301. (Offered spring semesters, odd years.)*

**Chemistry (CHEM)****CHEM 1111, 1101 General Chemistry I .....4**

Introduction to basic chemical concepts including atomic and molecular structure, nomenclature, chemical bonding, stoichiometry, properties of gases, and oxidation-reduction. The laboratories will concentrate on chemical experimentation with qualitative and quantitative inorganic analysis. Three hours of lecture and three hours of laboratory per week. *Prerequisite: MATH 1310 or higher, or consent of professor. (Offered every fall.) Fee*

**CHEM 1112, 1102 General Chemistry II .....4**

Introduction to basic chemical concepts including electrochemistry, chemical equilibria, and an introduction to nuclear and organic chemistry. The laboratories will concentrate on chemical experimentation with qualitative and quantitative inorganic analysis. Three hours of lecture and three hours of laboratory per week. *Prerequisite: CHEM 1111, 1101. (Offered every spring.) Fee*

**CHEM 3203 Organic Chemistry Lab ..... 1**

Experimental techniques of synthesis, isolation, and identification of compounds using classical and contemporary instrumentation are utilized to establish a foundation of organic chemistry processes, an understanding of reaction mechanisms, and basic investigation techniques. The course will include the use of analytical instrumentation that are typically integrated into contemporary investigations in Chemistry and Biochemistry. Three hours of laboratory each week.

*Prerequisites: CHEM 3213 or consent of professor. Corequisite: CHEM 3214 (Offered every spring.) Fee*

**CHEM 3204 Advanced Organic Chemistry Lab .....1**

Building upon the foundational components of previous Organic Chemistry training, students will engage in organic synthesis investigations and organic chemistry research and use advanced analytical instrumentation. Students will develop independent investigations in applied organic chemistry and biochemistry. Three hours of laboratory each week. *Prerequisites: CHEM 3214 or consent of professor. (Offered every fall.) Fee*

**CHEM 3213 Organic Chemistry I .....3**

An introduction to modern organic chemistry, emphasizing the structure, nomenclature, stereochemistry, energy relations, and reaction mechanisms of major classes of organic compounds. Lecture will include the utilization of spectroscopy data to identify compounds. Three hours of lecture per week. *Prerequisites: CHEM 1111 and 1112 or consent of professor. (Offered every fall.)*

**CHEM 3214 Organic Chemistry II .....3**

Further development of organic chemistry principles with an emphasis on reaction mechanisms of higher-level classes of organic compounds. Lecture will include the utilization of spectroscopy data to identify compounds. Three hours of lecture per week. *Prerequisites: CHEM 3213 or consent of professor. Corequisite: CHEM 3203. (Offered every spring.)*

**CHEM 3711 Chemistry of the Environment I .....3**

CHEM 3711 is one of two semester courses that together provide both Environmental Science and Biology students the background to understand the environmental interface of inorganic and organic principles and systems. Topics will launch an understanding of these principles within various environmental processes, including topics centering on contemporary environmental chemistry. Additionally, the course will investigate student interests with application of these concepts to the field. *Prerequisites: CHEM 1111, 1101, CHEM 1112, 1102 and ENSC 2211, 2201.*

**CHEM 3712 Chemistry of the Environment II .....3**

CHEM 3712 is one of two semester courses that together with CHEM 3711 will build on introductory principles and develop strong foundations in topics of environmental chemical systems integrated specifically to the academic focus of the students enrolled in the class. The course will also provide an opportunity to customize individual research projects integrated with course topics of interest. *Prerequisites: CHEM 1111, 1101-102, CHEM 3711, and ENSC 2211, 2201.*

**CHEM/BIO 4701 Biochemistry I Lab .....1**

This laboratory course emphasizes fundamental biochemical and molecular biological laboratory techniques, supporting concepts, and data analysis. *Corequisite: BIOL 4721 (Offered every spring.)*

**CHEM/BIOL 4702 Biochemistry II Lab ..... 2**  
 This laboratory course integrates biological and chemical laboratory techniques with application to chemical analytical instrumentation. Use of instrumentation and independent student research that is dependent upon the laboratory skill training and data analysis proficiency of upper-level biology and chemistry courses, are central components of this laboratory. *Prerequisite: BIOL 4721, 4701 Co-requisite: BIOL/CHEM 4722. (Offered every spring.)*

**CHEM/BIOL 4721 Biochemistry I ..... 3**  
 Structure and function of biological molecules, especially proteins, lipids and carbohydrates. Important concepts include bioenergetics, biological catalysis, and metabolic pathways as interacting, regulated systems. *Prerequisites: CHEM 1111, 1112 or CHEM 3213, 3203, or consent of professor. (Offered every spring.)*

**CHEM/BIOL 4722 Biochemistry II ..... 3**  
 Building upon the focus in Biochemistry I of structure and function of biological molecules, bioenergetics, enzymes, biosignaling, and metabolic pathways, this course further develops bioenergetic, metabolism, and genetic molecular informational pathways. *Prerequisites: BIOL 3421, 3401, 4511, 4501, 4621, 4601, CHEM 1111, 1101, 1112, 1102, CHEM 3213, 3203, 3214, 3204 or consent of professor. (Offered every spring.)*

**CHEM 4911 Physical Chemistry ..... 3**  
 The course introduces and develops the key ideas of molecular thermodynamics and chemical kinetics. Emphasis is placed on classical thermodynamics, but elementary statistical thermodynamics is introduced, and molecular partition functions are used to predict the properties of non-interacting gases. Chemical kinetics, with a focus on biological systems, is introduced and developed, with particular emphasis paid to Michaelis-Menten kinetics. Additionally, elementary concepts in classical and quantum mechanics are developed to preface the study of thermodynamics. This course is calculus-based. Three hours of lecture every week. *Prerequisites: CHEM 1111, CHEM 1112, and MATH 1511. MATH 1512 highly recommended.*

## Church and Culture (CHCU)

**CHCU 2080 Special Topics in Church & Culture (Lower Level) 1-3**  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**CHCU 2701 Foundations of Church and Culture ..... 3**  
 An introduction to the study of Church and Culture. This course will examine the biblical theology of ministry across all cultures, whether home or abroad. It includes an historical perspective on the expansion of the Christian movement, modern movements in church culture and missions, and strategies and components of cultural ministry being employed today. *(Offered spring semesters, odd years.)*

**CHCU 3401 Theological Aesthetics and Beauty ..... 3**  
 This course will observe the influence of history and culture on the church's understanding of a theology of beauty and the arts. Students will trace the development of this theology of aesthetics from ancient to modern church history. Close attention will be given to the theological posture of the church toward understanding the importance of and the practical application of aesthetics in the church and in ministry.

**CHCU 3506 World Religions ..... 3**  
 This class will offer a survey of contemporary world religions and attempt to compare the worldview of these religious systems with a biblical worldview. Students will be equipped to converse with followers of these religions and to make clear comparisons between their beliefs and a biblical worldview. *(Offered fall semester, even years.)*

**CHCU 4071 Internship ..... 3**  
 An intensive, quality, structured learning opportunity that immerses students in appropriate professional contexts. Supervision of the internship is a shared responsibility between the faculty advisor and on-site supervisor. This course may be repeated; a maximum of six (6) hours may be used to satisfy degree requirements. *Prerequisite: INDS 3610, consent of the student's advisor and department chair or designee, junior standing. (Offered by department discretion.)*

**CHCU 4080 Special Topics in Church & Culture (Upper Level) ..... 1-3**  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**CHCU 4081 Directed Study and Research ..... 1-3**  
 Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required. (Offered by department discretion.)*

**CHCU 4091 Senior Thesis ..... 3**  
 Students will develop an extensive paper under the direction of a faculty member that demonstrates their ability to do senior-level research and writing on a specialized topic in biblical studies or theology related to Church and Culture. A committee consisting of the course professor, another member of the division, and one member chosen by the student will evaluate and grade the thesis.

## Communication (COMM)

### COMM 1203 Communication Theory and Research ..... 3

An introduction to the subject of human communication as the process through which humans create and share meaning and strive to understand, influence, and appreciate others. A survey of scientific and interpretive theories within interpersonal, group, public, and mass communication categories; demographic analysis; and statistical research support. Emphasis given to wide breadth of historical scholarship in communication theory, verbal and non-verbal dynamics, and the process of evaluating motivations, contexts, and solutions within communication conflicts.

### COMM 1220 Public Speech and Rhetorical Analysis ..... 3

A course designed to enhance students' ability to prepare for and execute public presentations. Participants learn to understand and recall core concepts in public communication; analyze and adapt to various speaking occasions and audiences; conduct research and gather evidence to develop presentation content; organize and structure presentation content; deliver presentations effectively and manage speech anxiety; and listen to and critique others' messages. Rhetorical analysis, in classical and modern contexts, as a scholarly discipline is also explored.

### COMM 2202 Self-Presentation for the Camera..... 3

A workshop on image management in which students explore self-presentation in the digital format. Self-presentation is the process of strategically revealing personal information in order to influence others' perceptions, consciously striving to make a strong impression while remaining authentic. It is a process that helps involve instrumental, relational, and identity needs. As students learn self-presentation skills and self-monitoring skills, they grow to monitor their own expressions, the reaction of others, and the situational and social context. Instruction is provided on the basics of posing, vocally projecting, and acting. Informational and news journalism strategies are also discussed.

### COMM 2228 Media Ecology .....4

This course is a survey of media as a convergent phenomenon in its historical, industrial, and cultural manifestations. It examines how systems have continued to develop nationally and globally, as well as how people construct meaning with media as part of their everyday lived experiences. Case studies in television, film, recorded music, print, video games, and online communication are used to analyze production processes, job roles, and social receptivity.

### COMM 2249 Digital Film Production I: Videography ..... 3

An investigation of the steps involved in creating short-form videos. Students will explore the theory, techniques, and aesthetics that inform the planning, filming, and editing of video production. Projects include shorts in formats of journalism, advertising/PR and a final short narrative or documentary piece.

### COMM 2280 Special Topics in Communication (Lower Level)..... 1-3

An opportunity for students and faculty to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class

will meet 15 hours for each hour of credit offered. Repeatable for different topics.

### COMM 2347 Journalism I: News Writing and Reporting .....3

An introduction to the principles and practice of journalism: how to recognize good stories, gather facts through skillful interviewing and research, develop sources, craft strong leads, and fashion nut graphs, all while creating news articles that inform and engage the reader. Rewriting with a goal to achieve accuracy, precision, clarity, and a lean prose style is particularly emphasized. Students also learn headline and caption writing, the importance of deadlines and writing to word count, and how to structure narratives for different types of article formats.

### COMM 2348 Journalism II: Sports Reporting, Feature Writing, and Reviewing .....3

A workshop designed to develop skills in the areas of sports reporting, feature writing, and media reviewing. Students attend and report on games; propose feature story ideas, and plan and conduct interviews for profile pieces; and write critical reviews of film for various readerships. Projects engage both print and digital formats. *Prerequisites: ENGL 1111, ENGL 1112.*

### COMM 3318 Film History and Theory.....3

A survey of the development of the motion picture including the evolution of cinematography as an art form, classic Hollywood narrative structure, and technological developments. Films screened in the course will be analyzed from perspectives of auteur theory, genre theory and thematic criticism. Special emphasis will be given to cultural criticism, locating films in their unique time and place, and genres (comedy, westerns, action/adventure, drama, war, crime/gangster, musicals, and science fiction).

### COMM 3329 Digital Film Production II: Cinematography .....3

An exploration of what is required to create collaborative film. Students explore the techniques, aesthetics, and theory that informs the good use of lighting, cameras, editing, crew organization, and the production process. Smaller assignments involving various filmmaking techniques lead to a group project in which class members and peers serve as cast and crew. *Prerequisites: ENGL 1112, COMM 2249 or consent of the instructor.*

### COMM 3335 Scriptwriting.....3

An exploration of the foundational elements of stage and/or film script writing: structure, character development, plot development and use of image. Examines the development and use of the imagination and addresses how to utilize that effectively with the discipline of writing well. Semester will conclude with staged readings of the students' final scenes.

### COMM 3341 Practicum..... 1-3

A supervised practical experience providing students with opportunities to integrate classroom instruction with on-the-job learning in various areas of communication-related fields. *Prerequisite: INDS 3610, Consent of professor.*

**COMM 3349 Graphic Design and Visual Literacy ..... 3**  
 A survey of the fields of graphic design and advertising in which students are introduced to design theory and Adobe Creative Suite. The course provides an orientation to convergent media, with a hands-on emphasis on commercial quality design work that provides the beginnings of a professional portfolio. Topics include elements and principles of design, color theory, dynamics of visual perception, typography, logos and brand identity, and visual problem-solving. Connections are made to current and historical contexts within the graphic arts. Students develop design sensibility as they participate in group critiques. *Corequisite: Purchase of Adobe Creative Suite.*

**COMM 3350 Photography and Digital Imaging ..... 3**  
 An exploration of the scientific foundations, artistic considerations, and camera techniques that undergird digital photography. Students master skills in Adobe Photoshop and learn how to develop a reliable workflow and manage a photo archive. Topics include exposure control, depth of field, using motion & shutter speed, aesthetics, composition, perspective, the use of color, exposure, metering, optics, file formats, and image rendering via software. Through lectures, hands-on assignments, and critiques, students develop a basic understanding of digital photography by taking pictures and utilizing state-of-the-art applications. *Corequisite: Purchase of Adobe Creative Suite.*

**COMM 3359 Web Design..... 3**  
 This course is a hands-on introduction to web design. Students learn basic design theory and considerations of user interface design, information architecture and scripting. They apply these to the challenge of uploading and curating their own individual websites. Attention also given to writing for online audiences and questions of how the internet contributes to the maintenance of contemporary identity and community.

**COMM 4313 Public Relations and Social Media Strategies ... 3**  
 An introduction to the principles, methods and history of public relations practice. Emphasis given to problem solving and professional techniques as applied to real-life case studies, as well as examining various public relations audiences and the channels used to reach them. Students write press releases and conceptualize marketing campaigns, oversee fundraising initiatives, strategize operation plans, and complete after-action reports. Stress on professionalism, credibility, and internal/external client relationships. *Prerequisite: COMM 3350 or consent of instructor.*

**COMM 4344 Nonprofit Organizational Communication ..... 3**  
 An examination of how non-profit organizations communicate their missions and visions with passion and sophistication. A primary focus of the course will be in the development, preparation, and stewardship of grant proposals. Students will also be introduced to nonprofit communication and management theory and participation in a practicum.

**COMM 4441 Communication Internship..... 3**  
 An intensive, quality, structured learning opportunity that immerses students in appropriate professional contexts. Supervision of the internship is a shared responsibility between the faculty advisor and on-site supervisor. *Prerequisite: INDS 3610 and approval of Department Chair.*

**COMM 4480 Special Topics in Communication (Upper Level)..... 1-3**  
 An opportunity for students and faculty to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics.

**COMM 4481 Directed Study and Research in Communication (Upper Level)..... 1-3**  
 An opportunity for students and faculty to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Students enroll in 1–3 credit hours individually.

**COMM 4491 Senior Capstone .....3**  
 A culminating senior workshop in which students complete a thesis project and final cumulative professional portfolio. A departmental committee will specify the thesis parameters, approve the topic, and grade both the thesis and the final portfolio. *(Offered spring semester.)*

## **Criminal Justice (CRJU)**

**CRIM 1111 Introduction to Criminal Justice .....3**  
 This course provides an overview of the criminal justice system and examines the basic facets and components of criminal justice at the local, state and federal levels. *(Offered fall semester.)*

**CRIM 1150 Career Pathways in Criminal Justice ..... 1**  
 A survey of the career opportunities in criminal justice, including careers in law enforcement, courts, and corrections. Emphasis will be placed on contemporary issues in criminal justice and specific hiring requirements, education and training necessary to pursue employment in the criminal justice system.

**CRIM 2080 Special Topics in Criminal Justice ..... 1-3**  
 This course is an opportunity to examine current issues or specialized topics within the discipline at a lower-level of study. Topics will be determined by the faculty. May be repeated for credit for different topics. *(Offered at department discretion.)*

**CRIM 2111 Criminology.....3**  
 An overview of the primary criminological theories, as well as an examination of the social context within which each was developed. This course also examines how the theories aid in explaining causation of crime. *Prerequisite: CRIM 1111 (Offered spring semester.)*

**CRIM 2210 Criminal Law .....3**  
 A case study approach and examination of statutory criminal law and common law, including analysis of criminal acts against persons and property, required elements of crimes, punishments and possible defenses to criminal conduct. *Prerequisite: CRIM 1111 (Offered fall semester, even years.)*

**CRIM 2220 Judicial Process .....3**  
 A study of the judicial process, including historical foundations, jurisdiction of state and federal courts, roles of individuals (i.e. judge, jury, and attorneys), standards of proof, and sufficiency of evidence. Techniques for giving credible and effective testimony

in court are also covered. *Prerequisite: CRIM 1111 (Offered spring semester, even years.)*

**CRIM 2310 Criminal Procedure..... 3**  
The criminal justice process is studied with a concentration on the rules of criminal procedure, including rights of those accused of crimes, arrests, search and seizure, interrogation, confessions, right to counsel and the exclusionary rule. *Prerequisite: CRIM 2210 (Offered spring semester, odd years.)*

**CRIM 2410 Law Enforcement ..... 3**  
This course explores the roles and responsibilities of members of law enforcement. Students will examine and the historical development of the profession, best practices in law enforcement, and the current role of law enforcement in the community. *Prerequisite: CRIM 1111 (Offered fall semester, odd years.)*

**CRIM 2510 Corrections, Probation and Parole..... 3**  
An overview of the theory, history and current practices of corrections. This course examines types of correctional institutions, alternatives to incarceration, legal rights of inmates, reintegration into the community following release, parole/probation and major issues confronting correctional institutions. *Prerequisite: CRIM 1111 (Offered fall semester, odd years.)*

**CRIM 3230 Constitutional Law ..... 3**  
The U.S. Constitution is the basis for our political system and is a fundamental cornerstone of the American criminal justice system. This course will provide a basic overview of our political system including the Constitution and how it is interpreted. In addition, this course will explore some of the key Supreme Court decisions that have interpreted and informed our current constitutional law.

**CRIM 3320 Criminal Justice Administration..... 3**  
A study of leadership theory as it relates to the effective administration and management of a criminal justice agency. The course also examines decision-making, finance and budgeting, recruitment and selection of personnel, training, and policy development. *Prerequisite: CRIM 1111 (Offered fall semester, odd years.)*

**CRIM 3420 Criminal Investigation ..... 3**  
A study of the basic means and methods, procedures and techniques available to law enforcement for investigating crimes. Attention is also given to the foundational elements of the rules of evidence as applied to investigations. *Prerequisite: CRIM 2210 and CRIM 2310 (Offered fall semester, even years.)*

**CRIM 3610 Drugs, Alcohol and Crime..... 3**  
This course examines the history and prevalence of drug and alcohol use in America, as well as the criminal repercussions of such use. Attention is also given to causes of and treatment for addiction, drug identification, and enforcement of drug and alcohol laws. *Prerequisite: CRIM 1111 (Offered spring semester, even years.)*

**CRIM 3620 Juvenile Justice and Delinquency..... 3**  
An examination of the juvenile offender within the juvenile justice system. Includes theories of juvenile delinquency, form and function of juvenile courts, social factors associated with

juvenile criminal behavior and legal rights of juveniles. *Prerequisite: CRIM 1111 (Offered fall semester, even years.)*

**CRIM 3630 Diversity Issues in Criminal Justice.....3**  
A study of the full range of individual differences across the spectrum of the criminal justice system. Includes discussions of diversity based on experience, age, race, gender, socio-economic class and disabilities, and how these variances impact everyone within the criminal justice system. *Prerequisite: CRIM 1111 (Offered spring semester, odd years.)*

**CRIM 3640 Terrorism and National Security.....3**  
A study of the impact that terrorism on individuals, society and government in our country. Included are discussions of the impact of domestic and international terrorism on law enforcement, especially first responders, changes in Americans' perspective on constitutional rights, and government responses to terrorism. *Prerequisite: CRIM 1111 (Offered spring semester, odd years.)*

**CRIM 4071 Criminal Justice Internship.....3**  
This internship is designed to give students the opportunity to gain experience in a criminal justice profession of their choosing. This could be in local, state, or federal law enforcement, corrections, probation, parole, or wildlife law enforcement. Pre-law students may choose an internship with an attorney or law firm. *Prerequisite: INDS 3610*

**CRIM 4080 Special Topics in Criminal Justice ..... 1-3**  
This course is an opportunity to examine current issues or specialized topics within the discipline at a higher-level of study. Topics will be determined by the faculty. May be repeated for credit for different topics. *(Offered at department discretion.)*

**CRIM 4081 Directed Study in Criminal Justice ..... 1-3**  
Students may choose to participate in a directed study of their own choice contingent on faculty availability. May be repeated for up to 6 credits. *Prerequisite: Junior or Senior standing, department chair approval. (Offered at department discretion.)*

**CRIM 4091 Senior Seminar .....3**  
A capstone experience for criminal justice students to apply the knowledge and experiences gained from the criminal justice curriculum through class discussions, presentations, and the completion of a major senior project. *Prerequisite: Senior standing in Criminal Justice.*

**CRIM 4240 Legal Research Methods.....3**  
This course introduces students to the basic techniques of legal research, writing and analysis. Attention is given to briefing of cases, researching legal issues, and framing legal arguments. *Prerequisite: Junior or senior standing in criminal justice. (Offered fall semester, odd-numbered years at department discretion.)*

## **Cybersecurity (CYBR)**

**CYBR 1111, 1101 Introduction to Computer Hardware .....3**  
An in-depth study of computer hardware covering the domains of the A+ Certification Test 1001. Focus is on identification, installation, configuration, and troubleshooting of field replaceable components. Topics include microprocessors, all types of memory, expansion bus, motherboards, power

supplies, storage, removable media, video, audio, portable PCs, printers, networks, the Internet, computer security, and installation of current Windows operating systems and installation of Linux in a dual boot environment. Lecture and laboratory.

**CYBR 1121, 1102 Intro. to Computer Operating Systems ..... 3**

An in-depth study of computer operating systems covering the domains of the A+ Certification Test 1002. Focus is on current Windows operating systems, current Linux distributions and Mac OS X. This includes installation, maintenance, and management of desktops and servers. Lecture and laboratory.

**CYBR 1131 Computer Applications and Concepts ..... 3**

This course will enable students to improve their skills as knowledge workers with an emphasis on personal productivity concepts through using functions and features in computer software such as word processing, spreadsheets, presentation graphics, and online learning systems. This course provides an overview of microcomputer applications including a brief introduction to computer concepts, Cybersecurity, Microsoft Windows, Word, Excel, PowerPoint, and an online learning management system. (8 weeks.)

**CYBR 1142 Fundamentals of Information Systems ..... 3**

Providing an introduction to systems and development concepts, information technology, and application software, this course explains how information is used in organizations and how information technology enables improvement in quality, timeliness, and competitive advantage in organizations. Topics include systems concepts, system components and relationships, cost/value and quality of information, competitive advantage and information, specification, design and reengineering of information systems, application versus system software, and package software solutions. *Prerequisite: CYBR 1131. (8 weeks.) (Offered by department discretion.)*

**CYBR 1211 Introduction to Computer Programming..... 3**

This course introduces computer programming and problem solving in a structured program logic environment. Topics include language syntax, data types, program organization, problem-solving methods, algorithm design, and logic control structures. Upon completion, students should be able to use top-down algorithm design and implement algorithmic solutions in a programming language. Examples and assignments will be in C++.

**CYBR 2080 Special Topics in Cybersecurity (Lower Level) . 1-3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. (Offered by department discretion.)

**CYBR 2122 Linux Operating Systems and Security ..... 3**

An in-depth study of Linux operating system covering the domains of the Linux+ Certification. Focus is on implementing GNU and UNIX commands from the command line; installing and configuring Linux; and maintaining and securing the Linux system. *Pre-requisite: CYBR 1121. (Offered by department discretion.)*

**CYBR 2212 Introduction to Secure Scripting .....3**

This course offers an in-depth introduction to scripting languages, including basic data types, control structures, regular expressions, input/output, and textual analysis. Examples and assignments will be in Python. *Prerequisite: CYBR 1211.*

**CYBR 2213 Database Programming .....3**

A course introducing the student to the logic, design, implementation, security, and queries of organizational databases. Emphasis is placed on relational database management that focuses on the logical nature of databases. Popular versions of SQL design and queries will be covered. The course will touch on newer NOSQL databases as well. *Prerequisite: CYBR 2212.*

**CYBR 2221, 2201 Introduction to Computer Networking .....3**

An in-depth study of computer networking theories and concepts covering the domains of the Network+ Certification. Focus is on the configuration, maintenance, and troubleshooting of network devices using appropriate network tools and understanding of the features and purpose of network technologies. Lecture and laboratory. *Prerequisite: CYBR 1111.*

**CYBR 2222, 2202 Network Defense .....3**

This course introduces students to the concepts of defense-in-depth, a security industry best practice. Topics include firewalls, backup systems, redundant systems, disaster recovery, Web and distributed systems security, specific implementation of security models and architectures, and incident handling. Upon completion, students should be able to plan effective information security defenses, backup systems, and disaster recovery procedures. Lecture and laboratory. *Prerequisite: CYBR 2221.*

**CYBR 2311 Computer and Systems Security .....3**

An in-depth study of computer and systems security covering the domains of the Security+ Certification. Focus is on the knowledge and skills required to identify risk and participate in risk mitigation activities, provide infrastructure, application, operational and information security, apply security controls to maintain confidentiality, integrity and availability, identify appropriate technologies and products, and operate with an awareness of applicable policies, laws and regulations. *Prerequisite: Sophomore standing.*

**CYBR 2332 Cyber Defense I: Securing a Windows Environment ..... 2**

An in-depth look at deploying and securing a Windows Network. Students will work through the process of installing, configuring, and hardening Windows servers. Through the use of hands-on labs, the students gain knowledge and insight into the benefits and risks of various Microsoft Server Roles. Further, this course serves as an introduction to PowerShell and automation in server administration. *Pre or corequisite: CYBR 2221.*

**CYBR 2334 Introduction to Digital Forensics ..... 2**  
 In the course, students will learn the basic skills involved in digital forensics. The course includes understanding the metadata stored in a file, password recovery, decoding techniques, log analysis, traffic analysis, basic cryptography, web application security, and open-source intelligence. Using hands-on labs and capture the flag events, students will practice and demonstrate the ability to use these skills to solve problems.  
*Prerequisite: CYBER 1121. (Offered by department discretion.)*

**CYBR 3071 Internship I ..... 1 - 3**  
 Supervised internship provides students with the opportunity to integrate classroom instruction with on-the-job training in an area associated with information systems, information technology, information security or cybersecurity. *Prerequisite: CYBR 2311, INDS 3611, sophomore standing. (Offered by department discretion.)*

**CYBR 3214 Introduction to Secure Mobile App and Web Development ..... 3**  
 This course covers the fundamental programming principles for mobile devices. The software architecture and user experience considerations underlying handheld software applications and their development environments will be investigated. Concepts will be reinforced by hands-on programming assignments, which will be run on a current mobile platform. *Prerequisite: CYBR 2212. (Offered by department discretion.)*

**CYBR 3312 Principles of Cybersecurity..... 3**  
 Examination of current standards of due care and best business practices in Cybersecurity. Includes examination of security technologies, methodologies and practices. Focus is on the evaluation and selection of optimal security posture. Topics include evaluation of security models, risk assessment, threat analysis, organizational technology evaluation, security implementation, disaster recovery planning and security policy formulation and implementation. *Prerequisite: CYBR 2311 or CompTIA Security+.*

**CYBR 3313 Certification Study and Preparation..... 3**  
 The Cybersecurity concentration is optimally designed to equip our graduates with the necessary skills and knowledge to enter the IT workforce. This course will assist students who plan to study and prepare for IT certifications in A+ or Network+ or Security+ or Linux. *Prerequisites: CYBR 1111 and CYBR 1112, or CYBR 2221 or CYBR 2311 or CYBR 2122. (Offered by department discretion.)*

**CYBR 3321 The 3 C's: Cybercrime, Cyberlaw & Cyberethics .. 3**  
 A study of the impact of cybercrimes affecting various entities and organizations engaged in cyberspace transactions and activities including the government, military, financial institutions, retailers and private citizens. The course covers broad areas of law pertaining to cyberspace, including Intellectual Property (Copyright, Patent, Trademark, and Trade Secret), Contract, and the U.S. Constitution. The study of Cyberethics addresses a definition of ethics, provides a framework for making ethical decisions undergirded by a biblical worldview, and analyzes in detail several areas of ethical issues that computer professionals are likely to encounter in cyberspace and in business. *Prerequisite: CYBR 2311.*

**CYBR 3332 Cyber Defense II: Securing the Network..... 2**  
 An in-depth study of firewall systems covering network topology; packet flow and IP packet basics; security zones and policies; state tables and sessions; security policy best practices; and an overview of popular firewall technologies, including next generation firewalls and industry leading firewall vendors.  
*Prerequisite: CYBR 2221 and CYBR 2311.*

**CYBR 3511 GRC: Management & Governance of Cybersecurity ..... 3**  
 Detailed examinations of a systems-wide perspective of Cybersecurity, beginning with a strategic planning process for security. Includes an examination of the policies, procedures and staffing functions necessary to organize and administrate ongoing security functions in the organization. Topics include security practices, security auditing, compliance, security architecture and models, continuity planning and disaster recovery planning. *Prerequisite: CYBR 2311 or CompTIA Security+.* (Offered by department discretion.)

**CYBR 3512 Project Management in IT and Cybersecurity ..... 3**  
 This course is an introduction to fundamental project management concepts, processes, and knowledge areas. Concepts dealing with the initiation, planning, project execution, monitoring and controlling and closing of projects will be included. Focus is placed on identifying strategic business goals and objectives. Students will discuss defining and managing stakeholder expectations to ensure successful project completion. This course emphasizes ethical decision-making, communication, and critical thinking in the project process.  
*Prerequisite: CYBR 3511 (Offered by department discretion.)*

**CYBR 3521 Network Defense and Countermeasures ..... 3**  
 Detailed examination of the tools and technologies used in the technical securing of information assets. This course is designed to provide in-depth information on the software and hardware components of Cybersecurity. Topics covered include: firewall configurations; hardening Linux and Windows servers; Web and distributed systems security; and specific implementation of security models and architectures.  
*Prerequisite: CYBR 2222. (Offered by department discretion.)*

**CYBR 4071 Internship II ..... 1-3**  
 Supervised internship provides students with the opportunity to integrate classroom instruction with on-the-job training in an area associated with cybersecurity. *Prerequisites: INDS 3611, CYBR 3071, junior standing. (Offered by department discretion.)*

**CYBR 4080 Special Topics in Cybersecurity (Upper Level) . 1-3**  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *Prerequisites: CYBR 2311. (Offered by department discretion.)*

**CYBR 4081 Directed Study and Research ..... 1-3**  
 Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six credits.  
*Prerequisite: Consent of the Department Chair.*

**CYBR 4511 GRC: Cybersecurity Risk Management ..... 3**  
This course allows students to evaluate Risk Management frameworks, learn step by step how to perform a risk assessment, how to map an organization's business requirements to implemented security controls, the elements of risk assessment and the data necessary for performing an effective risk assessment, and what in depth risk management models exist for implementing a deeper risk management program in an organization. Students will learn how an organization identifies, assesses and mitigates cyber risk and how to strengthen current cybersecurity controls. *Prerequisite: CYBR 3511. (Offered by department discretion.)*

**CYBR 4512 GRC: IT/Cybersecurity Audit and Compliance ..... 3**  
Students will perform mock internal audits in preparation for external or compliance audits. Students will assess policies, and security controls to ensure confidentiality, integrity and availability (CIA) and compliance with current regulations and US and International security and privacy laws. Students will review access management policies and controls; and set user access and privileges by defined business needs. Students will review patch and change management policies, evaluating the average time from patch release to implementation and the frequency of updates. Students will evaluate employee security training to ensure that the breadth, frequency and content is effective. *Prerequisite: CYBR 4511. (Offered by department discretion.)*

**CYBR 4531 Introduction to Cloud Security ..... 3**  
This course will provide a study of Cloud Computing with the goal of understanding cloud resources as a means for furthering business profile. The course will focus on monitoring, operating, configuring and deploying cloud solutions. Students will consider automation and security with regards to cloud resource utilization. *Prerequisite: CYBR 3312. (Offered by department discretion.)*

**CYBR 4536 Cyber Defense III ..... 2**  
This advanced cyber defense preparation course prepares junior or senior status students to defend a business network. To promote leadership and teamwork, students may serve as team leads during internal and external simulation exercises. *Prerequisites: CYBR 3332. (Offered by department discretion.)*

**CYBR 4541 Introduction to Penetration Testing..... 3**  
A detailed examination of real-world cybersecurity knowledge, enabling recognition of vulnerabilities, exploitation of system weaknesses, and safeguards against threats. Students will learn the art of penetration testing through hands-on exercises and a final project. Students who complete this course will be equipped with the knowledge necessary to analyze and evaluate systems security. *Prerequisite: CYBR 2222.*

**CYBR 4542 Incident Response and Contingency Planning .... 3**  
An examination of the detailed aspects of incident response, digital forensics, and contingency planning consisting of incident response planning, disaster recovery planning, and business continuity planning. Developing and executing plans to deal with incidents in the organization is a critical function in information security. This course focuses on the planning and processes to respond appropriately using cyber threat intelligence in the event of a potential cyber event. *Prerequisite: CYBR 3312.*

**CYBR 4543 System Forensics .....3**  
In this course, students will learn to identify security events, incidents, intrusions and sources of digital evidence in a lab environment. The students will develop a comprehensive understanding of forensic analysis principles including identifying and categorizing incidents, responding to incidents, log analysis, network traffic analysis, and using various tools to integrate forensic technologies. Student will demonstrate the ability to accurately document forensic processes and analysis. *Prerequisite: CYBR 2222. (Offered by department discretion.)*

**CYBR 4544 Intermediate Penetration Testing.....3**  
This class is designed to provide students an insight of current security scenario and increasing hacking attempts on various information systems. The goal of the ethical hacking and countermeasures is to help the organizations take preemptive measures against malicious attacks by attacking the system themselves staying within legal limits. Course Fees: These fees cover course material, labs, and voucher for EC-Council Certified Ethical Hacker Exam. *Prerequisite: CYBR 4541 (Offered by department discretion.)*

**CYBR 4545 Practical Penetration Testing .....3**  
This class is designed to provide hands-on work with penetration testing tools. The student will be expected to be able to assess and identify targets on a given network with the tools taught through this class. Book knowledge is valuable, but this class will focus on applying knowledge gained in earlier classes to use tools to solve problems. The continued study of the concepts and tools will serve to strengthen the students understanding of Ethical Hacking. *Prerequisite: CYBR 4544 (Offered by department discretion.)*

**CYBR 4546 Scripting for Pen Testers .....3**  
This course will build on the skills developed in CYBR 2212 and allow students to further understand uses for Python Scripting, specifically with application to penetration testing. It is vital for students to understand scripting and be able to apply it in real world scenarios. This course will focus on hands on use of scripting to further enable the Penetration Testers Skills. *Prerequisite: CYBR 2212 (Offered by department discretion.)*

**CYBR 4547 Advanced Penetration Testing.....3**  
Through groundbreaking penetration testing methods and techniques, Security Analysis and Vulnerability Assessment will help students perform the intensive assessments required to effectively identify and mitigate risks to the security of the infrastructure. Course Fees will cover Books, Labs and ECSA Certification Voucher. *Prerequisite: CYBR 4545 (Offered by department discretion.)*

**CYBR 4551 Introduction to Data Science in Cybersecurity.....3**  
A study of Data Science with a view to how Cybersecurity and Data Science can combine to provide secure and actionable information. This course will serve as an introduction to the foundational topics of Data Science. Including an understanding of the data, the questions and the tools used by Data Scientists, with a view toward how this helps improve Cybersecurity. *Prerequisites: CYBR 2213, MATH 1220. (Offered by department discretion.)*

**CYBR 4643 Cybersecurity Capstone ..... 3**  
 This capstone project allows students to integrate classroom instruction with an area of identified need. Students will be required to document research into an issue in cybersecurity and to produce a comprehensive cybersecurity project reflective of the completed program of study. Potential cybersecurity capstone projects include comprehensive assessment of small business or non-profit or case study cybersecurity assessments and improvement criteria. *(Capstone projects require pre-approval of supervising faculty.) Prerequisite: CYBR 4542. (Offered by department discretion.)*

## **Data Analytics (DATA)**

**DATA 1552 Data Analytics Tools ..... 3**  
 A study of the basic principles of data science and the tools and skills that are essential in data science. Topics to be covered include: data acquisition, cleaning, processing, and drawing inferences from such data. *Prerequisite: BUSN 2614.*

**DATA 2552 Applied Statistics for Data Analytics..... 3**  
 A study of the methods of statistical description, inference, probability, sampling, hypothesis testing and regression analysis with a focus on application to real situations. *Prerequisite: BUSN 2614.*

**DATA 2553 Data Structures and Algorithms..... 3**  
 Statistical models for data analysis and discovery in big-data settings, with primary focus on linear regression models. The challenges of building meaningful models from vast data are explored, and emphasis is placed on model building and the use of numerical and graphical diagnostics for assessing model fit. Interpretation and communication of the results of analyses is emphasized. *Prerequisite: DATA 1552.*

**DATA 3553 Dataset Organization, Reporting, & Management.... 3**  
 The study of the basic principles of organizing, managing, and presenting (visual format) data in multiple ways from any source with applications in multiple disciplines. *Prerequisite: DATA 2553.*

**DATA 3554 Introduction to Data Mining, Machine Learning & AI ..... 3**  
 Students learn basic principles of data mining which include methods for locating, extracting, processing, determining appropriate methods for handling and ultimately extracting useful knowledge from raw data. Topics to be covered: data extraction, cleaning, and other preprocessing tasks of data, classifications, clustering, transformation, pattern recognition, anomaly detection, machine learning, artificial intelligence, and overall knowledge discovery. *Prerequisite: DATA 2553.*

**DATA 4071 Internship..... 1-3**  
 Supervised internship provides students with the opportunity to integrate classroom instruction with on-the-job training in an area associated with data analytics. Students will be required to document a minimum of 45 clock hours of internship engagement per credit hour and reflection in the course. *Prerequisites: DATA 3553, IDNS 3611, junior standing. (Offered by department discretion.)*

**DATA 4552 Introduction to Big Data.....3**  
 A course that looks at the concept of “Big data.” “Big data is data that contains greater variety arriving in increasing volumes and with ever-higher velocity. This is known as the three Vs.” - Gartner Trends in big data include new technologies for data storage, new tools to mine data from these huge datasets, new database technologies to address the three Vs. Open Source tools will primarily be utilized. *Prerequisite: DATA 3554.*

**DATA 4653 Data Analytics Capstone .....3**  
 An independent research project done at the senior level. It involves a project supervised by a faculty member. A minimum of 15 contact hours is required for each credit hour and depends on student interest, standing, and background. *Prerequisite: senior standing.*

## **Education (EDUC)**

**EDUC 1111 Foundations of Education .....3**  
 This course is designed to study the profession of teaching, its history and foundations, goals, trends, issues, philosophies, and the diversity of our modern school population. Research related to content knowledge necessary to Elementary Education preparation is emphasized. Also, the legal aspects of teaching are introduced and discussed. Introduction to licensure requirements is begun. *Students will complete background checks and NC Health Forms to be kept on file for students to complete Focused Field Experiences in remaining Education courses. (Offered every fall.)*

**EDUC 1210 Technology in Education .....3**  
 General and content-area applications of technology for education students is emphasized. Terminology, ethical issues, and integration of technology into instruction is included. Course requires 6 hours Focused Field Experiences. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. Pre or corequisite: EDUC 1111 or consent of Director of Teacher Education. (Offered every spring.)*

**EDUC 2310 Integrating Health and the Arts .....3**  
 Students will study health concepts, art, music, creativity, drama, and physical movement to promote the physical, emotional, social, and cognitive development of young children. Concepts and activities suitable for use with K-6 students will be presented as an integrated approach to use in the elementary curriculum. Course requires 6 hours Focused Field Experiences. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. Pre or corequisite: EDUC 1111 or consent of Director of Teacher Education. (Offered every fall.)*

**EDUC 2330 Children's Literature..... 3**  
 This course emphasizes the practical application of traditional and contemporary writing for children, including picture books, folk literature, modern fantasy, poetry, modern fiction, historical fiction, and multicultural literature. Emphasis is on integration of literacy, selection according to literary elements, and child development needs. Course requires 6 hours Focused Field Experiences. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. Prerequisites: ENGL 1111, 1112 with a minimum grade of B-; Pre or corequisite: EDUC 1111 or consent of Director of Teacher Education. (Offered every spring.)*

**EDUC 2990 Special Topics in Education (Lower Level) .... 1-3**  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *Prerequisite: EDUC 1111. (Offered by department discretion.)*

**EDUC 3221 Math Methods K-3..... 3**  
 This course focuses on implementation strategies of instruction in the concepts of numbers, fluency, and computation in grades K-3. Experiences with instructional materials, technology tools, curriculums, and current research are provided. Course requires 6 hours Focused Field Experiences. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. Pre or corequisite: EDUC 1111 or consent of Director of Teacher Education. (Offered every fall.)*

**EDUC 3222 Math Methods 4-6 ..... 3**  
 This course focuses on implementing strategies of instruction in computation and the concepts of numbers, algebra, geometry, ratios, and measurement in grades 4-6. Experiences with instructional materials, technology tools, curriculums, and current research are provided. Course requires 6 hours Focused Field Experiences. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. Pre or corequisite: EDUC 3221 or consent of Director of Teacher Education. (Offered every spring.)*

**EDUC 3230 Teaching Science.....4**  
 The organization of instruction in elementary school science will be taught through the use of research-based methods, evaluation, materials, strategies, and current curriculums and practices. Hands-on and inquiry-based learning along with 21st Century instructional skills will be emphasized. Course requires 6 hours Focused Field Experiences. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. Pre or corequisite: EDUC 1111 or consent of Director of Teacher Education. Corequisite: EDUC 3231 (Offered every spring.)*

**EDUC 3231 Teaching Science Lab..... 0**  
 Students will learn to teach appropriate lab procedures and lab safety practices, use science labs to expand student knowledge, satisfy curiosity, and integrate 21st century skill and content. Students will become proficient in the following: knowledge of subject matter, use a variety of instructional strategies, resources, and procedures and rules. *Corequisite: EDUC 3230.*

**EDUC 3331 Teaching Reading and Literacy I.....3**  
 This course is the first in a sequence designed to establish in students the foundation to a young child's reading and writing foundation as described in the Science of Reading. Students will study oral language, phonological awareness, phonemic awareness, phonic, fluency, vocabulary and comprehension, and apply knowledge of emerging reading/writing literacy in the school setting. Students will learn appropriate application of instructional supports and services and reading literacy interventions, evidence-based assessment and diagnosis of specific areas of difficulty with reading development and of reading deficiencies, and interventions to ensure reading proficiency for all students. Course requires 6 hours Focused Field Experiences. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. (Offered every fall.)*

**EDUC 3332 Teaching Reading and Literacy II .....3**  
 The second in a sequence designed to establish in students in the foundation to a young child's reading and writing foundation as described in the Science of Reading. Students will study oral language, phonological awareness, phonemic awareness, phonic, fluency, vocabulary and comprehension, and apply knowledge of emerging reading/writing literacy in the school setting. Students will learn appropriate application of instructional supports and services and reading literacy interventions, evidence-based assessment and diagnosis of specific areas of difficulty with reading development and of reading deficiencies, and interventions to ensure reading proficiency for all students. Course requires 6 hours Focused Field Experiences. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. Prerequisite: EDUC 3331 or consent of Director of Teacher Education. (Offered every spring.)*

**EDUC 3410 Teaching Social Studies .....3**  
 This course focuses on methods teaching social studies, emphasizing the use of literacy strategies in the development of critical thinking, communication, collaboration skills, and creativity while exploring content. Course requires 6 hours Focused Field Experiences. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. Pre or corequisite: EDUC 1111 or consent of Director of Teacher Education (Offered every fall.)*

**EDUC 3460 Christian Philosophy of Education.....3**  
 This course will examine different philosophies of education and how they relate to the Christian worldview. Candidates will complete readings, focused field experiences in P-6 Christian education, and write a paper describing and defending their own Christian philosophy of education. *This optional course is designed for students seeking ACSI teacher certification and meets the ACSI Christian Philosophy requirement. Pre or corequisite: EDUC 1111 or consent of Director of Teacher Education. (Offered by department discretion.)*

**EDUC 3511 Seminar I: Education in NC..... 1**  
 This course will provide an overview of education in the state of North Carolina and an overview of Montreat College's Teacher Education Program. (Must be taken the semester before admission to the Montreat College Teacher Education Program (TEP).) Course requires 6 hours Focused Field Experiences. Fee. *Completed satisfactory background checks and NC Health Forms must be on file for students to complete Focused Field Experiences. Pre or corequisites: All other EDUC 2000-3000 level courses. (Offered every spring. Fee: \$350 for Licensure Exam Vouchers)*

**EDUC 4081 Directed Study and Research ..... 1-3**  
 Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Consent of the Department Chair.*

**EDUC 4420 Diversity and Exceptionalities in the Classroom 3**  
 This course is designed to explore alternative ways of viewing, understanding, and teaching the exceptional child. Students will be introduced to the cognitive, behavioral, physical, and emotional characteristics of children who are classified as exceptional learners. Focus will be placed on planning appropriate, differentiated instruction, using a variety of instructional strategies, and collaborating with educational partners and guardians. *Prerequisite: satisfactory completion of required 2000-3000 level courses or consent of Director of Teacher Education. (Offered every fall.)*

**EDUC 4430 Classroom Management..... 3**  
 This course is designed to study teaching behaviors and strategies for classroom management that results in sound instructional planning that minimizes behavior problems. Included are effective measurement and evaluation principles, strategies, characteristics of good behavior management, typical educational problems and appropriate solutions, and appropriate educational programs for children who have difficulty managing their own behaviors. *Prerequisite: satisfactory completion of required 2000-3000 level courses or consent of Director of Teacher Education. (Offered every fall.)*

**EDUC 4440 Educational Psychology ..... 3**  
 This course is designed to study the psychological principles and theories that underlie effective educational practices. Attention is given to developmental processes, individual differences and motivation, learning theory, measurement and evaluation, understanding student behavior motivators, and teacher behavior, including the formulation of developmentally appropriate objectives. *Prerequisite: satisfactory completion of required 2000-3000 level courses or consent of Director of Teacher Education. (Offered every fall.)*

**EDUC 4450 Assessment in Education..... 3**  
 This course will examine the assessment, evaluation, and uses of educational assessment and evaluation instruments in elementary (K-6) classrooms. Candidates examine School Improvement Plans (SIPs), using multiple measures, including formative and summative assessment, student self-assessment, and the use of feedback to evaluate student progress and growth to eliminate achievement gaps. *Prerequisite: satisfactory completion of required 2000-3000 level courses or Consent of Instructor. (Offered every fall.)*

**EDUC 4512 Seminar II: Issues in Education .....1**  
 This course explores issues in education, combining principles with practice during the Student Teaching I. In this seminar teacher candidates will reflect on experiences in Student Teaching I and develop familiarity with edTPA requirements to be implemented in Student Teaching II. *Corequisite: EDUC 4521. (Offered every fall.)*

**EDUC 4513 Seminar III: Issues in Education .....3**  
 This course further explores issues in education, combining additional principles with practice during the student teaching semester. In this seminar, teacher candidates will complete edTPA and all other portfolio requirements. Current educational practices will be discussed. Teacher candidates will review job application expectations, development of interviewing skills, and completion of paperwork for licensure. *Prerequisite: EDUC 4521. Corequisite: EDUC 4522. (Offered every spring.)*

**EDUC 4521 Student Teaching I .....5**  
 This course follows a co-teaching model and completes the first half of the professional year. Teacher candidates will be assigned to classrooms in local schools for the purpose of working every morning, Monday through Friday, with their cooperating teacher, students in that teacher's classroom, and their supervising professor to impact student learning in the classroom. Teacher candidates will prepare bulletin boards, centers, and perform instructional and non-instructional duties as assigned by the cooperating teacher and supervising professor. This class must be taken in the fall of the professional year. *Corequisite: EDUC 4512. (Offered every fall. Fee: \$100 stipend for Cooperating Teacher.)*

**EDUC 4522 Student Teaching II..... 12**  
 This course follows a co-teaching model and is a specifically planned 16-week student teaching experience. Teacher candidates will be placed in their respective schools fulltime during this semester. The primary objective of this experience is to provide the opportunity for the acquisition and demonstration of instructional competence as a beginning teacher. This course completes the second half of the Professional Year. *Prerequisite: EDUC 4521. (Offered every spring. Fee: \$200 stipend for Cooperating Teacher)*

**EDUC 4531 Extended Field Experience.....3**  
 Students will spend a minimum of 8 hours each week in a setting appropriate to their area of focus in Educational Studies. They will participate in all experiences assigned by their Extended Field Experience Mentor and their college supervisor. Students will be observed by and meet with their college supervisor a minimum of four times during the placement. *Must not be taken before spring of Junior year. (Offered every spring.)*

**EDUC 4532 Extended Field Experience II ..... 12**  
 This course follows a co-teaching model and is a specifically planned 16-week student teaching experience for students who chose not to seek state licensure. Teacher candidates will be placed in their respective schools full-time during the semester. The primary objective of this experience is to provide the opportunity for acquisition and demonstration of instructional competence as a beginning teacher. *Prerequisite: successful completion of all 1000 – 4000 required coursework. (Offered every spring, as needed. Fee: \$200 stipend for mentor teacher.)*

**EDUC 4990 Special Topics in Education (Upper Level) .... 1-3**  
 This course will provide candidates and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience.) Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**English (ENGL)**

**ENGL 1111 English Composition I ..... 3**  
 A course in the composing process emphasizing prewriting, writing, and revision and closely supervised practice in reading and writing expository essays. Students are taught that writing is a way of learning as well as a communication skill. Required of all full-time students in the first semester. *(Offered every semester.)*

**ENGL 1112 English Composition II ..... 3**  
 Research techniques and the writing of a research paper are included, in addition to continued practice in expository writing. ENGL 1112 or ENGL 1132 is required of all students in the second semester. *Prerequisite: ENGL 1111 or ENGL 1131. (Offered every semester.)* Students achieve writing competency by: Earning grades of C or above in both ENGL 1111 (or ENGL 1131) and ENGL 1112 (or ENGL 1132) or the equivalent.

**ENGL 1131 Honors English Composition ..... 3**  
 An advanced course in the composing process emphasizing prewriting, writing, and revision and closely supervised practice in reading and writing expository essays. Students are taught that writing is a way of learning as well as a communication skill. *Prerequisite: Acceptance into Honors program. (Offered every fall.)*

**ENGL 1132 Honors Introduction to Literary Studies ..... 3**  
 A course in literary studies, including the writing of formal literary research papers and an introduction to literary genres. Strongly recommended for students intending to major in either the literature or the creative writing concentration of the English major, and for other students who desire intense literary exposure. May substitute for ENGL 1112. ENGL 1112 or ENGL 1132 is required of all students in the second semester. *Prerequisite: ENGL 1111 or ENGL 1131, consent of professor. (Offered every spring.)*

**ENGL 2211 Survey of English Literature I ..... 3**  
 A survey of English literature before the Romantic Period with a major emphasis on the masterpieces. *Prerequisites: ENGL 1111, ENGL 1112. (Offered every fall.)*

**ENGL 2212 Survey of English Literature II ..... 3**  
 A survey of English literature from the Romantic Period to the present. *Prerequisites: ENGL 1111, ENGL 1112. (Offered every spring.)*

**ENGL 2410 World Literature I ..... 3**  
 An examination of thematic concepts reflected in the literature of Western heritage. Includes Homer and Sophocles. *Prerequisites: ENGL 1111, ENGL 1112. (Offered by department discretion.)*

**ENGL 2510 Business Communication .....3**  
 A study of communication concepts as they apply to business, including written communication (email, memos, letters, reports, proposals), interpersonal communication, and oral presentation. *Prerequisites: BUSN 1101 (pre or corequisite), ENGL 1111, ENGL 1112. Sophomore status strongly recommended. (Offered every spring.)*

**ENGL 2080 Special Topics in English (Lower Level) ..... 1-3**  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience.) Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**ENGL 3071 Practicum..... 1-3**  
 Supervised practical experience provides students with an opportunity to integrate classroom instruction with on-the-job learning in various areas of English-related fields. *Prerequisites: ENGL 1111, ENGL 1112, INDS 3610, and consent of professor. (Offered by department discretion.)*

**ENGL 3220 Middle English Literature .....3**  
 A study of Middle English literature with an emphasis on Chaucer's *Canterbury Tales*. *Prerequisites: ENGL 1111, ENGL 1112. (Offered by department discretion.)*

**ENGL 3221 Shakespeare .....3**  
 A study of the major plays of Shakespeare with special emphasis on the tragedies and comedies. May be repeated up to six hours as content varies. *Prerequisites: ENGL 1111, ENGL 1112. (Offered fall semesters, odd years.)*

**ENGL 3231 Renaissance Literature.....3**  
 A course in sixteenth and seventeenth British literature with an emphasis upon writers of the Elizabethan and Metaphysical periods, including Phillip Sidney, Edmund Spenser, William Shakespeare (non-dramatic works), Ben Jonson, John Donne, and George Herbert. *Prerequisites: ENGL 1111, ENGL 1112. (Offered by department discretion.)*

**ENGL 3232 Milton .....3**  
 An intensive study of Milton's poetry with an emphasis on *Comus, Samson, Agonistes, and Paradise Lost*. *Prerequisites: ENGL 1111, ENGL 1112. (Offered spring semesters, even years.)*

**ENGL 3240 Restoration & Eighteenth-Century British Literature 3**  
 A course in Restoration and Eighteenth-Century literature with an emphasis on John Dryden, John Bunyan, Johnathan Swift, Alexander Pope, and Samuel Johnson. *Prerequisites: ENGL 1111, ENGL 1112. (Offered by department discretion.)*

**ENGL 3241 Romantic British Literature .....3**  
 A study of the major Romantic writers, including William Blake, William Wordsworth, Samuel Taylor Coleridge, George Gordon, Lord Byron, Percy Bysshe Shelley, and John Keats. *Prerequisites: ENGL 1111, ENGL 1112. (Offered fall semesters, even years.)*

**ENGL 3242 Victorian Literature .....3**  
 A study of the major Victorian writers, including Alfred Lord Tennyson, Robert Browning, and Matthew Arnold. *Prerequisites: ENGL 1111, ENGL 1112. (Offered spring semesters, even years.)*

**ENGL 3250 Twentieth Century British Writers ..... 3**  
Writers from England and Ireland from World War I to the present, concentrating on William Butler Yeats, T. S. Eliot, D. H. Lawrence, Virginia Woolf, and Seamus Heaney. *Prerequisites: ENGL 1111, ENGL 1112. (Offered spring semesters, odd years.)*

**ENGL 3311 Literature of the United States I ..... 3**  
Beginnings to 1865. Representative authors include Anne Bradstreet, Edgar Allan Poe, Nathaniel Hawthorne, Walt Whitman, and Emily Dickinson. *Prerequisites: ENGL 1111, ENGL 1112. (Offered fall semesters, odd years.)*

**ENGL 3312 Literature of the United States II ..... 3**  
1865 to 1945. Representative authors include Mark Twain, Kate Chopin, Robert Frost, and William Faulkner. *Prerequisites: ENGL 1111, ENGL 1112. (Offered spring semesters, even years.)*

**ENGL 3450 Contemporary Literature ..... 3**  
Focus on literature written during the postmodern era (approximately 1970-present). The course will include American and British writers, as well as authors reflecting a variety of national and cultural perspectives. *Prerequisites: ENGL 1111, ENGL 1112. (Offered fall semesters, even years.)*

**ENGL 3520 The Writing Process: Theory and Practice..... 3**  
A course designed for students who are Writing Scholars in the Camaraderie of Writers Program. Participation is by invitation only. The course will expose the Writing Scholars to composition theory and advanced revision strategies. It will also develop their abilities to assess and address the needs presented in a peer's paper through written feedback and conferencing. Writing Scholars will be active and reflective participants in the course. *(Offered every fall.)*

**ENGL 3610 Creative Nonfiction Writing..... 3**  
An intensive course in writing with an emphasis on clear, direct prose. Particular consideration is placed on voice development, documenting personal experience, and writing as exploration of self and faith. *Prerequisites: ENGL 1111, ENGL 1112. (Offered fall semesters, odd years.)*

**ENGL 3620 Poetry Writing..... 3**  
A workshop course in which students explore principles and techniques of poetry writing through reading and discussion of traditional and contemporary published poets and apply those principles to their own poetry. Includes critical evaluation of students' original works by the instructor as well as the class. *Prerequisites: ENGL 1111, ENGL 1112. (Offered fall semesters, even years.)*

**ENGL 3630 Short Story Writing..... 3**  
The techniques and process of writing fiction with emphasis on the short story. Readings in published short stories and essays on the art of fiction. Students will write fiction and related forms (journals, autobiography). *Prerequisites: ENGL 1111, ENGL 1112. (Offered spring semesters, odd years.)*

**ENGL 3640 Writing Children's Literature ..... 3**  
An in-depth study of creative writing technique specific to children's literature. Participants will become familiar with current trends in children's literature, imitate a favorite author's work, read and discuss major children's novels, and draft/workshop/compose twenty pages of original children's

literature. *Prerequisites: ENGL 1111, ENGL 1112. (Offered spring semesters, even years.)*

**ENGL 3650 Outdoor and Nature Writing .....3**  
A writing workshop focused on the study of models and technique specific to writing about experiences in the outdoors in various genres. Models include Thoreau, Muir, and Dillard. Emphasis is on description, personal expression, and voice. Out-of-classroom field trips and small fees may be required. *Prerequisites: ENGL 1111, ENGL 1112. (Offered by department discretion.)*

**ENGL 3720 Literary Magazine Editing ..... 2**  
An experiential course in editing of the literary magazine *The Montreat Review*. Topics include evaluating manuscripts, magazine layout, copyediting, and printing arrangements. *Prerequisites: ENGL 1111, ENGL 1112 and consent of professor. Recommended prerequisite: COMM 3349. May be repeated for credit. (Offered spring semester.)*

**ENGL 4080 Special Topic in English (Upper Level) ..... 1-3**  
This course will provide students and faculty the opportunity to participate in examining current issues or specialized topics within the discipline. Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. A student can repeat for up to six hours of credit. *(Offered by department discretion.)*

**ENGL 4081 Directed Study and Research..... 1-3**  
Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Consent of the Department Chair.*

**ENGL 4091 Senior Thesis ..... 2**  
Students will develop an extensive presentation or paper, according to their English major concentration—literature or creative writing. A committee which consists of the course professor, the concentration main professor, and one member chosen by the student will specify the thesis parameters, approve the topic at the beginning of the semester, and grade the final paper. *(Offered every semester.)*

**ENGL 4251 The Imagination and Apologetics of C.S. Lewis ..3**  
This course will offer a comprehensive view of the works of C.S. Lewis with a focus upon how his imagination helped to shape his apologetics. In addition to reading selections from his letters, journals, poems, fiction, non-fiction, and apologetics, students will view and discuss important new video productions of Lewis' life in order to gain a perspective on the ideas, thoughts, and opinions of the most popular Christian author of the twentieth century. Because Lewis has powerfully influenced so many people, this course will explore his approach to making Christianity intellectually reasonable, theologically winsome, and spiritually compelling. While open to all students who have completed a sophomore level literature course, this course is designed in particular for students majoring in English and Bible and Theology. *Prerequisite: ENGL 2211, 2212, 2410, or consent of professor. (Offered spring semesters, odd years.)*

**ENGL 4730 Literary Criticism ..... 3**  
A course in the history and development of important critical literary theories from Plato to the present. Special emphasis will be given to a Christian approach to literature. *Prerequisite: ENGL 2211, 2212, or 2410. (Offered fall semesters, even years.)*

**ENGL 4740 Bibliography for Research ..... 1**  
Recommended to be taken the semester before the senior thesis is due, this course guides students in identifying a topic and selecting appropriate sources in preparation for the senior thesis. Particular attention is given to advanced searching of print and online resources, critical evaluation of Internet information, ethical use of resources in scholarship, and exploring information context and purpose. This course is taught by a librarian in collaboration with the thesis advisor. *(Offered every semester.)*

## **Environmental Science (ENSC)**

**ENSC 1112, 1102 Introduction to Environmental Science .....4**  
An introduction to the interdisciplinary field of environmental science with an emphasis on understanding natural environmental systems and the physical and social causes of environmental issues. Major topics include: ecology and environmental systems, human populations, natural resources management, environmental pollution, energy, and sustainable development. The laboratory will provide hands-on field experiences related to lecture topics. This course is also designed to allow Environmental Science majors to determine their area of specialization within the major. Three hours of lecture and two hours of laboratory per week. *(Offered every fall)*

**ENSC 2080 Special Topics in Environmental Science (Lower Level) ..... 1-3**  
This course will provide students This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**ENSC 2211, 2201 Ecology .....4**  
A course stressing the relationship of organisms to their environment including both living and nonliving factors. Topics include population dynamics, community interactions, energy flow, biogeochemical cycling, winter adaptation, and soil dynamics. Three hours lecture and three hours lab per week. *Prerequisite: BIOL 1111, 1101 and BIOL 1112, 1102 or consent of professor.*

**ENSC 2311 Environmental Sustainability ..... 3**  
This course explores the concepts of environmental, social, and economic sustainability as they relate to decision making in the field of natural resource management. Students critically examine real-world environmental problems and develop possible solutions using a systems-based approach. Topics covered include: the nature of ecosystems, sustainable resource management, sustainable community development, environmental stewardship, green building, and sustainable energy. *Prerequisite: ENSC 2211, 2201.*

**ENSC 2511, 2512 Field Natural History I, II ..... 2**  
This field-based course covers a broad range of topics useful for environmental educators, naturalists, and environmental biologists, including landscape ecology, taxonomy, geomorphology, winter ecology, and field meteorology. Although science-based, the course integrates discussion of seminal natural history literature into the class structure. Various methods for teaching natural history in the field will be demonstrated. Students develop a nature journal that chronicles seasonal changes in the natural world.

**ENSC/BIOL 2611 Sophomore Science Seminar..... 1**  
Science training in academic and professional skills. These courses will complement students' development at progressive levels of their program training.

**ENSC 3071 Practicum ..... 1-3**  
Supervised practical experience provides students with the opportunity to integrate classroom instruction with on-the-job learning in areas of environmental science-related fields. *Prerequisite: INDS 3610.*

**ENSC 3211, 3201 Freshwater Ecosystems ..... 4**  
Chemical, physical, and ecological features of biotic and aquatic systems in the mountains of Western North Carolina. Included are the use and development of chemical and biotic monitoring of freshwater ecosystems and population dynamics associated with nutrient level disruption. Three hours lecture and three hours lab per week. *Prerequisite: BIOL 1111, 1101; BIOL 1112, 1102; CHEM 1111, 1101; CHEM 1112, 1102 or consent of professor. (Offered fall semesters, even years.)*

**ENSC 3311 Introduction to Geographic Information Systems.....3**  
This course introduces students to the fundamental concepts of Geographic Information Systems (GIS) with an emphasis on natural resource management applications. Topics covered include: GIS hardware and software components, data capture methods, analysis of spatial information, and map creation and analysis. *Prerequisite: ENSC 2211, 2201*

**ENSC 3511 American Ecosystems..... 4**  
Ecological analysis of field study sites and public education facilities in selected biomes and life zones. Ecosystem comparisons will be developed with particular attention given to the survey of flora and fauna. This course will also study land management and public utilization of ecological regions. Special emphasis will be placed on environmental education programs that educate the public about each biome or life zone. Course location will vary with each offering. *Prerequisite: ENSC 2211, 2201 or consent of professor. (Offered on occasion, summers only.) Fee*

**ENSC 3611 Tropical Ecology ..... 4**  
This course explores the ecology of the Neotropics through lectures, discussions and an immersive experience in a Latin American country. Students will explore the interplay of poverty and species conservation, the drivers of biodiversity, and will work with a small team to develop and carry out a research project at the field site, presenting their findings. *Prerequisite ENSC 2211 and 2201. (Offered spring semesters, even years.)*

**ENSC 3711 Wildlife Biology** .....4  
 This course explores specific taxonomic groups in detail, especially regarding their ecology, conservation and management. The subject taxonomic group will change yearly based on student and professor interest and may be taken more than once. Modules offered include: Herpetology, Mammalogy and Ornithology. Three hours of lecture and three hours of lab per week. (*Offered fall semesters.*)

**ENSC/BIOL 3811 Research Methods** ..... 3  
 Participation in faculty-supervised independent research project. Involves a literature review, data collection and analysis, the completion of a written research paper, and an oral presentation. *Prerequisite: MATH 1220 or BIOL 3711; Junior standing or consent of professor.*

**ENSC 3911, 3901 Physical and Environmental Geography**.....4  
 This course will take an in-depth look at the geographic regions of the world known as biomes. The geological, topographical, and climatic dynamics of each area will be related to ecological integrations. The study of each biome will emphasize representative plant and animal species, as well as rates of successional change. Three hours lecture and three hours lab per week. *Prerequisite: ENSC 2211, 2201 or consent of professor.*

**ENSC 4080 Special Topics in Environmental Science (Upper Level)** ..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *Prerequisite: Consent of department chair. Offered by department discretion.*

**ENSC 4081 Directed Study and Research**..... 1-3  
 Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**ENSC/BIOL 4091 Senior Project or Internship (honors option)** ..... 3  
 Students are responsible for a project/internship design and proposal. Employment is pursued through a student job search. This project is typically developed during the junior year, employment is during the summer, and the final project presented during the senior year. A research-based project may be considered for honors recognition. All proposals and evaluation of projects will be approved through the Environmental Science Review Committee.

**ENSC 4311 Natural Resource Management**..... 3  
 This course will utilize a systems approach to environmental analysis and management. Topics include positive and negative feedback, nutrient cycling, environmental fate and transport, and ecosystem management. Special emphasis will be placed on contemporary environmental management issues in the Southern Appalachians. *Prerequisite ENSC 3911, 3901 or consent of professor.*

**ENSC 4610 Field Studies**.....2-6  
 This variable topic course offers an immersion experience for the purpose of studying specific environments. Course is usually offered during the semester, but during brief, concentrated periods, such as weekends or academic breaks. On occasion, the course is offered during the summer. After attending one or more mandatory pre-trip meetings, students will participate in a study trip to the site. May be repeated for credit. *Fee*

**ENSC/BIOL 4611 Senior Science Seminar** .....1  
 Science training in academic and professional skills. These courses will complement students' development at progressive levels of their program training. *Prerequisite: ENSC/BIOL 2611 or consent of professor.*

**Exercise Science (EXSC)**

**EXSC 1112 Beginning Jogging** ..... 1  
 An activity course designed for the student to learn about the aerobic aspects of jogging and to develop a personal program of continuous jogging for 30 minutes, three times per week.

**EXSC 1113 Aerobic Dance** ..... 1  
 This course emphasizes movement to music as an enjoyable means of strengthening muscles, improving flexibility, and developing overall physical fitness.

**EXSC 1114 Team Sports I - Soccer and Volleyball** ..... 1  
 Eight weeks of soccer and eight weeks of volleyball. Instruction in rules, skills, and strategy. Emphasizes physical fitness.

**EXSC 1115 Team Sports II - Basketball and Softball**.....1  
 Eight weeks of basketball and eight weeks of softball. Instruction in rules, skills, and strategy. Emphasizes physical fitness.

**EXSC 1116 Physical Fitness**..... 1  
 This course includes knowledge of cardiovascular endurance, maximal heart rate, and how to work out an individual program to achieve fitness.

**EXSC 1117 Racquet Sports** ..... 1  
 Eight weeks of badminton and eight weeks of tennis. Instruction in basics, such as grip, footwork, strokes, rules, strategy, and tournament play.

**EXSC 1118 Yoga**.....1  
 This course is an introduction to the basics of yoga. Focus will be on proper alignment of the body, breath awareness, postures, and meditation. Through yoga, students will strive to honor God with their bodies recognizing that the Holy Spirit dwells within them. In each class, meditations on scripture will be incorporated. All levels of experience are welcome. The student must provide or purchase a yoga mat, block, and strap as well as assigned academic materials.

**EXSC 1119 Advanced Yoga ..... 1**

This course is designed for the intermediate to advanced yoga student. The class will build on concepts introduced in EXSC 1118 Yoga such as alignment of the body, breath awareness, postures, and Christian meditation. In addition, students will practice advanced asana (posture), challenging transitions, and arm balancing. Students will explore the concept of full-body prayer through a series of postures and strive to honor God with their bodies recognizing that the Holy Spirit dwells within them. Meditations on scripture will be incorporated in classes.

*Prerequisite: EXSC 1118 or consent of the instructor.*

**EXSC 1221 Heartsaver First Aid w/ CPR and AED ..... 1**

The American Heart Association (AHA) Heartsaver First Aid with CPR and AED course provides first responders with training in basic first aid procedures, including the first aid skills recommended by OSHA, CPR and AED. Students who complete the course qualify for the AHA Heartsaver First Aid with CPR and AED course completion card. *Fee*

**EXSC 1311 Introduction to Principles and Philosophy of Physical Education ..... 3**

This course is designed to provide the potential physical education professional with a knowledge of the foundations, principles, and philosophies of physical education from ancient history to the present.

**EXSC 1312 Beginning Weight Training ..... 1**

This course is an introduction to weight training with emphasis on principles and techniques. Students develop an individualized weight training program. Related health and safety factors are also considered.

**EXSC 2080 Special Topics in Exercise Science (Lower Level) 3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**EXSC 2111 Lifeguard Training ..... 1**

This course covers basic water safety, including swimming strokes, rescues, and escapes. Lifeguard qualifications, pool management and safety will also be studied. Red Cross certification will be awarded to those students who meet the requirements. *Prerequisite: Swimming ability. Fee*

**EXSC 2411 Introduction to Exercise Science ..... 3**

Introduces the various workplace settings as well as the various certification and licenses available in the health and fitness industry. All the core disciplines of exercise science are covered, including biomechanics, exercise physiology, sports psychology, motor control and learning, nutrition, and sports injury.

**EXSC 3071 Practicum ..... 3**

A supervised learning experience that provides the student with initial exposure to relevant professional activities. *Prerequisite: INDS 3610 and consent of department chair. Fee*

**EXSC 3111 Team Sports Officiating ..... 2**

A course designed to teach students the techniques and standards of officiating with emphasis on knowing the rules of various team sports. Course can help lead to certification.

**EXSC 3311 Methods and Materials of Coaching ..... 2**

A course designed to introduce students to the rudiments of coaching. Emphasis on administrative and routine tasks plus the techniques and materials used in recruiting and coaching. *(Offered fall semesters, even years.)*

**EXSC 3312 Introduction to Athletic Training ..... 3**

The primary objective of the course is to introduce physically active people to the basic concepts of sports injury prevention, recognition, care, and rehabilitation. Course is an essential component for those entering coaching, physical education, or the field of sports medicine. *Prerequisite: HLSC 1411.*

**EXSC 3321 Prevention and Treatment of Athletic Injuries ..... 3**

A course designed to provide entry level knowledge in the field of sport related injuries. This course includes units dealing with the history of athletic training, basic anatomy of common injuries, evaluation techniques, preventive measures to reduce the incidences of injuries, and a knowledge of basic treatment procedures to be used after injuries occur. Legal and ethical issues will also be discussed.

**EXSC 3421 Physiology of Exercise ..... 3**

Study of the physiological response of the cardiovascular, respiratory, endocrine, neural, and muscular systems in the human body during exercise. Students will describe, explain and explore how the body performs and responds to physical activity. *Prerequisites: BIOL 2211, 2201, BIOL 2212, 2202; Corequisite: EXSC 3422.*

**EXSC 3422 Exercise Testing and Measurements ..... 3**

A study of the theory and application of graded exercise testing and measurement in the evaluation of physical activity. *Corequisite: EXSC 3421. Fee*

**EXSC 3424 Exercise Prescription ..... 3**

A study of the application of exercise prescription for individuals varying in age, physique, and initial fitness levels. *Prerequisites: EXSC 3421, EXSC 3422. Fee*

**EXSC 3426 Structural Kinesiology ..... 3**

The study of muscular contribution to movement, this course investigates the musculoskeletal and neuromuscular basis for human movement. At the completion of this course the student should be able to identify and palpate major muscles on a human subject, list and organize the muscles that produce the primary movements for all the major joints of the body and analyze basic movements in terms of muscle actions. Information will also be presented on how to strengthen and stretch most of these muscles. *Pre-requisites: A grade of "C" or better in all of the following: BIOL 2211, 2201, 2212, 2202.*

**EXSC 3428 Biomechanics** ..... 3  
 The study of basic mechanical principles and their application in the study of human movement. At the completion of this course the student should be able to identify and describe basic Newtonian mechanics as they relate to human movement and analyze basic movements in terms of mechanical actions.  
*Pre-requisite: A grade of "C" or better in EXSC 3426.*

**EXSC 4071 Internship I** ..... 3  
 A supervised internship that provides the student with the opportunity to integrate classroom instruction with practical on-the-job learning in various areas of exercise science-related fields. *Prerequisite: INDS 3610 and consent of the department chair.*

**EXSC 4072 Internship II**..... 3  
 A supervised internship experience that is designed to serve as a culminating, hands-on experience for students majoring in exercise science. *Prerequisite: EXSC 4071 and consent of the department chair.*

**EXSC 4080 Special Topics in Exercise Science (Upper Level)** ..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*



**EXSC 4081 Directed Study and Research** ..... 1-3  
 Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**EXSC 4421 Scientific Principles of Strength and Conditioning** ..... 3  
 A comprehensive study of training theory and methods with an emphasis on the development of maximal strength, power, and anaerobic capacity. Also included is a brief review of neuromuscular, musculoskeletal, endocrine, and bioenergetic aspects of exercise and training, as well as hands-on experience in lifts, drills, and testing procedures. *Prerequisite: EXSC 3421.*

**EXSC 4422 Facility Planning for Physical Education Recreation and Athletics** ..... 3  
 This course is designed to assist the Sports Management student in acquiring the necessary knowledge and skills needed to manage a sport facility and to plan a complete sporting event. *(Offered every spring.)*

**EXSC 4423 Rehabilitation and Modalities in Sports Medicine**..... 3  
 Methods and techniques in the application of therapeutic modalities and their use in the treatment of athletic injuries.

**EXSC 4811 Senior Seminar**..... 3  
 Senior Seminar is a capstone course in the Exercise Science program, connecting classroom experience with professional preparedness and/or professional certification. Students are

required to develop a resume and professional portfolio.  
*Prerequisite: Senior standing. Fee*

## Greek (GREK)

**GREK 2201 New Testament Greek I**.....3  
 Fundamentals of New Testament Greek emphasizing grammar, reading skills, and translation of simple passages. Course not open to freshmen. *(Offered fall semesters, odd-numbered years.)*

**GREK 2202 New Testament Greek II** .....3  
 Fundamentals of New Testament Greek II builds upon GR 201. This course focuses on expanding vocabulary, learning non-indicative verbal forms, and exposure to participles and infinitives. *(Offered spring semesters, even-numbered years.)*

**GREK 3203 Greek Grammar and Syntax** .....3  
 An intensive review of vocabulary, grammar, and syntax that provides an introduction to the principles of exegesis. *Prerequisites: GREK 2201, 2202. (Offered fall semesters, even years.)*

**GREK 3204 Greek Exegesis** ..... 3  
 A study of the Greek text of a New Testament epistle in its historical setting with attention given to sentence structure, doctrines, and patterns for Christian living. *Prerequisite: GREK 3203. (Offered spring semesters, odd years.)*

**GREK 4081 Directed Study and Research** ..... 1-3  
 Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required. (Offered by department discretion.)*

## Health Science (HLSC)

**HLSC 1211 Advanced First Aid**.....3  
 This course follows the guidelines of the American Red Cross for Cardiopulmonary Resuscitation and other nationally recognized certifying agency's guidelines for the administration of basic first aid. The student will learn and become proficient in providing first aid and CPR in emergent situations. Successful completion of this course will lead to certification in CPR, FA, and AED for Adults. *Fee*

**HLSC 1411 Health** .....3  
 Includes functions and structures of the human body; nature of disease and care of the body; local, state, national and international health agencies, and services available; and processes and objectives of healthful living.

**HLSC 2411 Human Nutrition** .....3  
 A study of nutrients, including sources, composition, function, and metabolism in the human body. The human life cycle is considered in planning appropriate diets.

## Hebrew (HBRW)

### HBRW 3201 Elementary Biblical Hebrew I ..... 3

An introduction to the basic elements of biblical Hebrew vocabulary and grammar, introduced through workbook translations and exercises. Includes a conversational Hebrew lab. (*Offered fall semesters, odd years.*)

### HBRW 3202 Elementary Biblical Hebrew II ..... 3

An introduction to the basic elements of biblical Hebrew vocabulary and grammar, introduced through workbook translations and exercises. Includes a conversational Hebrew lab. This course focuses on expanding vocabulary, learning non-indicative verbal forms, and exposure to participles and infinitives. (*Offered spring semesters, even years.*)

## History (HIST)

### HIST 1301 World Civilizations I ..... 3

 An interdisciplinary survey course providing a survey of civilizations during the ancient, classical, medieval, and Renaissance eras. The religious, political, economic, and social forces that shaped both Western and non-Western cultures are explored. Historical developments are related to how they shape the contemporary world.

### HIST 1302 World Civilizations II ..... 3

An interdisciplinary survey course providing a survey of civilizations from the Reformation to the present day. The religious, political, economic, and social forces that shaped both Western and non-Western cultures are explored. Historical developments are related to how they shape the contemporary world.

### HIST 2080 Special Topics in History (Lower Level) ..... 1-3

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. (*Offered by department discretion.*)

### HIST 2101 United States History I ..... 3

A survey of significant, themes, events, and people in United States history from the pre-Columbian past to the Civil War. Emphasis will be given to the important religious, political, economic, and social forces that shaped the culture and constitution of an emerging nation. North Carolina's role in American history will be highlighted.

### HIST 2102 United States History II ..... 3

A survey of significant, themes, events, and people in United States history from the Civil War to the present day. Emphasis will be given to the important religious, political, economic, and social forces that shaped the culture and constitution of a modern nation. North Carolina's role in American history will be highlighted.

### HIST 2301 Honors World Civilizations I ..... 3

An Honors Program history course that explores the history of world civilizations from the ancient to the medieval era through the study of Great Books and primary sources. Interdisciplinary

course designed to challenge highly motivated students to a deeper reading in history. Enrollment by invitation only. Fulfills requirement of HIST 1301.

### HIST 2302 Honors World Civilizations II ..... 3

An Honors Program history course that explores the history of world civilizations from the Renaissance to the modern era through the study of Great Books and primary sources. Interdisciplinary course designed to challenge highly motivated students to a deeper reading in history. Enrollment by invitation only. Fulfills requirements of HIST 1302.

### HIST 2901 Historical Methods ..... 2

An introduction to the practice of history including techniques, procedures, and skills of the working historian. The course will concentrate on research methodology, analytical and synthetic thinking skills, and the ability to organize and report research findings in both written and oral form. This course is specifically designed for sophomore History majors and minors.

### HIST 3130 American Revolution and Republic ..... 3

A study of the causes, ideals, and events of the American Revolution and its aftermath. Themes include the disruption of British North America, the Revolutionary War, the formation of a new Constitution, the establishment of a republic, the rise of Jeffersonian Democracy, and the role and influence of religion in the late colonial and early national period. Prerequisites: HIST 1301, 1302 (or 2301, 2302).

### HIST 3140 American Civil War ..... 3

An examination of the causes, nature, and consequences of the American Civil War with a particular focus on the military and social dynamics of the war. Other topics include the nature of slavery, the rise of abolitionism, secession and disunion, and the effort to reconstruct American society and government. Special reliance will be placed upon the use of primary source documents. Prerequisites: HIST 1301, 1302 (or 2301, 2302).

### HIST 3160 American Constitutional History ..... 3

A study of the history of constitutional thought from English common law to contemporary Supreme Court decisions. The influences and precursors to the United States Constitution will be explored as will the proceedings of the Constitutional Convention and ensuing ratification debates. The text, amendments, and history of interpretation will be discussed along with issues such as federal-state relations, civil liberties, and civil rights. Prerequisites: HIST 1301, 1302 (or 2301, 2302).

### HIST 3170 Religious History of America ..... 3

A survey of the variety of religious expressions in the United States from the colonial era to the present day. The role that religion in general and Christianity in particular have played in American social, cultural, and political life will be emphasized. Prerequisites: HIST 1301, 1302 (or 2301, 2302).

**HIST 3180 United States History Since 1945..... 3**

A study of post-World War II America from the end of the Second World War to the present. Themes explored include the Cold War at home and abroad, the nature of the modern presidency, liberalism and conservatism as dominant political ideologies, consumerism, popular culture, the social movements and cultural revolutions of the Sixties, foreign policy and domestic debates in the post-9/11 world, and the place of religion in American life. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3190 American Cultural and Intellectual History ..... 3**

A study of American culture and the role intellectual movements play in shaping it. Special emphasis on the development and global impact of American popular culture as well as how ideas related to religion, race, gender, class, and politics help define the American experience. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3200 Modern Europe..... 3**

The history of Europe from the French Revolution to the fall of the Berlin Wall. Special attention is paid to political, social, cultural, and religious developments including the rise of industrial society, ideologies and protest movements, nation-building, mass politics, materialism, interaction with the non-Western world, and the state of Christianity in modern Europe. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3210 Ancient Greece and Rome..... 3**

A study of the ancient civilizations of Greece and Rome that includes the following topics: the formation of the Greek people, the rise of the Greek city-states, the Persian and Peloponnesian wars, the Macedonian conquests of Philip II and Alexander, the rise of the Roman Republic, the Punic Wars and transition to empire, the Pax Romana, the spread of Christianity, and the decline and fall of Rome. The cultural legacy and historical impact of Greece and Rome on the modern world will be highlighted. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3220 Medieval Worlds ..... 3**

A study of medieval civilizations from the fall of Rome to the eve of the Renaissance with a particular focus on Roman, Germanic, Byzantine, and Arab influences across the European, Mediterranean, and Islamic worlds. Themes include the development of Christianity in matters of church and state; feudalism, urbanism, and society in the Middle Ages; the interaction of world civilizations; and the cultural legacy and historical impact of the medieval world. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3230 Renaissance and Reformation ..... 3**

A cultural history of Europe from the fourteenth through the seventeenth centuries probing the origins of the modern West. Themes include the political, social, cultural, and religious developments that created modern Europe and shaped cross-cultural encounters with the continents of Africa, Asia, South America, and North America. Attention is given to the cultural legacy of the Renaissance and to the widespread impact of the rise of Protestantism. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3300 History of Christianity..... 3**

A survey of the Christian movement in history, its beliefs, institutions, and worldwide expansion. Attention will be given to

doctrinal and ecclesial development, spirituality and devotional practices, historical expressions of service and ministry, and the dynamic between the church and global societies from the ancient world to the present day. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3340 Empire and Its Discontents.....3**

This course examines the social, cultural, and political implications of European colonialism, imperialism and decolonization from 1492 to the present. Focus is placed on the European conquests of the Americas, the global British Empire, and the preponderance of American influence in the recent past. Themes include colonial and post-colonial identity, religious contact and conflict, and orientalism. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3350 The World at War, 1914-1945 .....3**

A military, political, social, and cultural overview of First and Second World Wars with special emphasis on the interrelatedness of these conflicts. Extensive use will be made of primary source documents in a variety of mediums. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3360 The Global Crisis .....3**

This course examines world politics from 1941 to the 1990s. Students will examine the origins of the Cold War, the development of the United States as a superpower on the global stage, and the ways in which the American Cold War rivalry with the Soviet Union played out in Europe, the Middle East, and the Majority World. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3380 Modern Middle East.....3**

This interdisciplinary course provides an opportunity to move beyond the news headlines in order to explore the emergence of the Modern Middle East from the 18th century to “The Arab Spring”. Students will examine Middle Eastern languages, religions and cultures; the impact of imperialism, nationalism, secularism, and militant Islam on the region; and ponder the possibility of peace between Israelis and Palestinians. *Prerequisites: HIST 1301, 1302 (or 2301, 2302)*

**HIST 3400 History of Political Philosophy .....3**

A survey of political thought from the Greek city-states to the political philosophers of the twentieth century. Topics of study include the foundations of authority, the responsibilities of the state, the nature of justice, understandings and critiques of democracy, and historical understandings of the relation of church and state. Primary sources will be emphasized. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3500 History of Science and Technology.....3**

A historical examination from a global perspective of how science and technology have transformed societies and exerted cultural influence in a variety of civilizations. A particular focus will be on how scientific inquiry and technological innovation engender “paradigm shifts” of understanding the world, shape our notions of progress, and are themselves shaped by societal, cultural, and religious assumptions. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3600 Environmental History ..... 3**  
 This interdisciplinary, experiential learning course will explore how human interaction with nature influences historical outcomes. Special attention is paid to the way nature shapes human history, settlement, and conflict; the ways in which humans have understood, utilized, and transformed the natural world; and how religious, cultural, scientific, and political attitudes toward nature have changed over time. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 3700 Public History: Cities Through the Ages ..... 3**  
 This interdisciplinary, experiential learning course traces a particular city's history and its understanding of its own past. Students will travel to cities such as Charleston SC, Savannah, GA, New Orleans LA, or Washington DC to explore a place's historic identity and the internal debates between preservation and restoration at national parks, historic homes, public spaces, and religious sites. *Prerequisites: HIST 1301, 1302 (or 2301, 2302).*

**HIST 4080 Special Topics in History (Upper Level) ..... 1-3**  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**HIST 4081 Directed Study and Research..... 1-3**  
 Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**HIST 4091 Senior Thesis ..... 3**  
 After a survey of the study of history, the student will engage in a personal research project from a Christian perspective. *Prerequisites: HIST 1301, 1302 (or 2301, 2302). (Required of all history majors in the senior year.)*

**HIST 4703 Historical Archive Fieldwork..... 3**  
 Students will participate in exhibit and archival work at a local historical center. Students will be immersed in this professional context, receive supervision from a professor and on-site supervisor, and write an intensive paper on themes related to public history. *This course is for History majors only.*

**Honors (HONS)**

**HONS 1110 Honors Liberal Arts Seminar ..... 1**  
 This course will be the entry course for Honors Fellows into the Honors Program. Students enroll in this course in the fall semester of their entry into the Honors Program. This course introduces students to the history of Liberal Arts, as well as some of the primary authorities within the tradition of Christian Liberal Arts. Focus is also given to building community between the new Honors Fellows and the incoming first-year honors Scholars. *Prerequisite: acceptance in Honors Program.*

**HONS 3110 Honors Text Seminar Honors Text Seminar .....3**  
 This course involves the intensive study of single or multiple texts from within the Christian, Western or World Traditions that engage deeply with existential questions. These texts had cultural resonance at the time of their composition and continue to challenge our understandings of a life well-lived. The texts covered in this seminar will rotate and will be chosen by the faculty member teaching the course in consultation with the Honors Director. The format of the class will be largely discussion-based with extensive practice in verbal and written argumentation. Students and faculty will also draw upon the authorities of the Christian tradition (scriptures and creeds), as well as the Christian theological narrative to work through the relationship of these texts to the themes and ideas within the Christian tradition and the students' own spiritual lives, regardless of their faith tradition. May be repeated for credit. *Prerequisite: INDS 1102 (Honors) or HONS 1110 and sophomore standing, acceptance in Honors Program, or with the consent of the Honors Director.*

**HONS 4120 Honors Topic Seminar.....3**  
 This course involves the intensive study of a contemporary topic. The topics will be one of perennial concern to humanity and be easily tied back to an existential question. The topic will have local as well as global implications. The topics covered in this seminar will rotate and will be chosen by the department(s) of the faculty member(s) teaching the course as well as the Honors Director. Some courses may be team-taught by two or three faculty members. The format of the class will be largely discussion-based with extensive practice in verbal and written argumentation. In addition, the topical seminar should involve a retreat, field trip, service-learning or another experiential element. Students and faculty will also draw upon the authorities of the Christian tradition (scriptures and creeds) as well as the Christian theological narrative to work through the relationship of these texts to the themes and ideas within the Christian tradition and the students' own spiritual lives, regardless of their faith tradition. May be repeated for credit. *Prerequisite: INDS 1102 (Honors) or HONS 1110 and sophomore standing, acceptance in Honors Program, or with the consent of the Honors Director.*

**Human Services (HUMA)**

**HUMA 1100 Introduction to Human Services..... 1**  
 A survey of the many aspects of human services, including history, current events, future trends, theoretical approaches, counseling skills, professional identity, and the world of work.

**HUMA 2071 Field Experience I..... 1**  
 A Human Services major must fulfill the specified requirements of this course once by the end of the junior year before the internship experience. Field experience consists of hands-on opportunities in various human service-related events or organizations. The student's advisor makes available specific requirements and opportunities as determined by the Human Services department. *May be repeated for credit. Restricted to Psychology and Human Services majors.*

**HUMA 2080 Special Topics in Human Services (Lower Level)**..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**HUMA 3072 Experience II**..... 1  
 A Human Services major must fulfill the specified requirements of this course once by the end of the junior year before the internship experience. Field experience consists of hands-on opportunities in various human service-related events or organizations. The student's advisor makes available specific requirements and opportunities as determined by the Human Services department. *May be repeated for credit. Restricted to Psychology and Human Services majors.*

**HUMA 4071 Internship**..... 3  
 Supervised internship provides the student with the opportunity to integrate classroom instruction with practical on-the-job learning in various areas of human services related fields. This course is normally taken in the summer after the junior year. *Prerequisites: INDS 3610, 12 hours of course work completed at the 3000-level or above in the major.*

**HUMA 4080 Special Topics in Human Services (Upper Level)** ..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**HUMA 4081 Directed Study and Research**..... 1-3  
 Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**HUMA 4090 Senior Seminar**..... 3  
 Examines the curricular themes of epistemology, human nature, and application of psychological theory in order to answer major Christian worldview questions (what is success in life, how do I become more Christ like, etc.). *Prerequisites: junior standing or above.*

## **Interdisciplinary Studies (INDS)**

**INDS 1102 Foundations of Faith and Learning** ..... 2  
 This course is designed to facilitate student transition to college by introducing and examining the relationship between faith and learning in light of the College's mission, strengthening skills associated with student academic success, and developing a sense of connection to the Montreat community through relationships with peers and faculty. Topics include the value of a Christian liberal arts education, the nature and purpose of an academic community, academic skills, strengths development,

vocation and career readiness, and involvement in the campus community. This course is required of all students entering college as first-time freshman as well as transfer students with less than 12 hours of academic credit. *(Offered every semester.)*

**INDS 1103 College Success Lab** ..... 1  
 This course is designed to facilitate student transition to college by introducing and examining the relationship between faith and learning in light of the College's mission, and strengthening academic-related skills, behaviors, and engagement with resources associated with learning and student success. Topics will include the value and role of a Christian liberal arts education, study skills and techniques such as goal setting, test-taking, reading, note-taking, time management, and motivation. Other topics may include strengths development, vocation and career readiness, and academic resilience. *(This course is required of students admitted conditionally.) Corequisite: INDS 1102*

**INDS 2080 Special Topics in Interdisciplinary Studies (Lower Level)** ..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**INDS 2100 Seminar on Faith and Learning** ..... 1  
 This seminar style course is designed to assist new transfer students with their transition to Montreat College. The course will help to support transfer students through an exploration of individual and group learning strategies. Topics include: the value and role of Christian higher education, basic biblical worldview concepts, the purpose and distinctiveness of the Montreat College academic community, and how faith informs and expresses itself in life. This course is required in the first semester enrolled at Montreat College for all transfer students entering the College with more than 12 college transfer credits. *(Offered every semester.)*

**INDS 2203 Strengthening Academic Habits and Skills** ..... 1  
 This course is designed to strengthen academic-related skills, behaviors, and engagement with resources associated with learning and student success. Topics will include study skills and techniques such as goal setting, test-taking, reading, note-taking, time management, and motivation. Other topics may include learning modalities, self-efficacy, and academic resilience.

**INDS 2651 Academic Studies Abroad** ..... 1-6  
 Selected academic topics—biblical, business, historical, linguistics, literary, mathematics, and science—with emphasis on their relationship to physical and cultural settings. Residence abroad. Normally offered during breaks and summer sessions. *(Offered by department discretion.)*

**INDS 3071 Practicum** ..... 1-3  
 A supervised learning experience that provides one with initial exposure to relevant professional activities. Supervision of the practicum is a shared responsibility between the faculty advisor and on-site supervisor. This course may be repeated; a maximum of three hours may be used to satisfy degree requirements. *Prerequisite: INDS 3610, consent of the student's advisor and the BRIS department chair or designee. (Offered by department discretion.)*

**INDS 3406 Science and Theology of Origins** ..... 3  
 This interdisciplinary course will explore various approaches to the issues surrounding the origins debate. Current theories of origins will be presented and then explored from a variety of world views with special attention to Christian theism. Methods of biblical interpretation will also be explored as they relate to understanding origins as expressed in the Bible. The students will have the opportunity to consider several ways that Christians approach the origins issue and then write a paper expressing their current thoughts on the matter. *(Offered spring semesters, odd years.)*

**INDS 3610 Pre-Practicum/Pre-Internship** ..... 1  
 The purpose of this course is to prepare students for the practicum/internship experience. Topics included are internship selection, making the most of the internship, resume building, and facing internship challenges.

**INDS 3611 Pre-Internship: Cybersecurity**..... 1  
 The purpose of this course is to prepare students for the practicum/internship experience. Topics included are internship selection, making the most of the internship, resume building, and facing internship challenges.

**INDS 4071 Internship** ..... 3-6  
 An intensive, quality, structured learning opportunity that immerses students in appropriate professional contexts. Supervision of the internship is a shared responsibility between the faculty advisor and on-site supervisor. This course may be repeated; a maximum of six hours may be used to satisfy degree requirements. *Prerequisite: INDS 3610, junior status, consent of the student's advisor and department chair or designee. (Offered by department discretion.)*

**INDS 4080 Special Topics in Interdisciplinary Studies (Upper Level)** ..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**INDS 4081 Directed Study and Research** ..... 1-3  
 Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required. (Offered by department discretion.)*

**INDS 4091 Senior Thesis**..... 3

Students develop an extensive paper under the direction of a faculty member that demonstrates their ability to do senior-level research and writing on a specialized topic in theology, philosophy, or cross-cultural studies. A committee comprised of the course professor, another member of the division, and a member chosen by the student evaluates and grade the thesis. *(Offered by department discretion.)*

**INDS 4161 Seminar on Faith and Life**..... 2  
 A course designed to help students define their personal Christian philosophy of life by integrating faith and learning. Students are challenged to explore their Christian calling and to consider ways in which they can exert Christian influence in the world today. *Prerequisite: Senior standing or consent of professor. (Offered every semester.)*

**INDS 4621 Leadership Practicum** .....3  
 This course allows leadership minor students to apply the theories learned during specified leadership courses in an active leadership role. Students may serve in a variety of leadership positions in college-approved organizations (such as SGA, SCA, or FCA) as resident assistants, or as captains of varsity athletic teams. The position is for a minimum of one year. Each student must recruit a voluntary advisor within his or her discipline who will serve as counselor and evaluator of the student's leadership performance. Students are required to keep a journal of activities during the term, including lessons learned. Each student prepares, with the approval of the advisor, an evaluation form to include a mission statement, objectives and goals, performance measures, corrective actions, and outcomes. *Prerequisite: INDS 3610, twelve hours of coursework in the theoretical and applied leadership minor. (Offered by department discretion.)*

**INDS 4651 Council for Christian Colleges and Universities Internships**.....1-6  
 In cooperation with the council, students may participate in internships through approved CCCU study programs in the U.S. and abroad. Students will be placed in appropriate studies-related work situations. *Prerequisite: Consent of the Academic Affairs office. See "Special Programs" for more information. (Offered by department discretion.)*

**INDS 4660 Council for Christian Colleges and Universities Seminars** ..... 6-8  
 In cooperation with the council, students examine selected topics relevant to the approved CCCU study programs in the U.S. and abroad. *Prerequisite: Consent of the Vice President for Academic Affairs. See "Special Programs" for more information. (Offered by department discretion.)*

## **Mathematics (MATH)**

**MATH 1120 Introduction to Mathematics** .....3  
 A survey of mathematics including a sampling of topics from the history of mathematics, logic, set theory, algebra, geometry, number theory, business math, and other topics.

**MATH 1220 Elementary Probability and Statistics..... 3**

A non-calculus course designed to introduce elementary concepts in descriptive statistics, probability, sampling distributions, linear regression, correlation, estimation, and hypothesis testing. Applications taken from a variety of disciplines including social sciences and business. Analyses of observed data are performed manually, by calculator, and by computer. *Prerequisite: MATH 1310 or 1320 or instructor's approval. (Offered every semester.)*

**MATH 1310 Essentials of Algebra..... 3**

The course will address various topics in algebra including algebraic expressions, equations, exponents, scientific notation, radicals, operations with polynomials, factoring, and rational expressions. This course will develop basic computational and problem-solving skills necessary for advancement to future mathematics courses.

**MATH 1320 College Algebra ..... 3**

A course that explores fundamental concepts of algebra including properties of real numbers, equations and inequalities, polynomial and other algebraic functions and their graphs. Additional topics may include solving systems of equations and inequalities, matrices and determinants, conic sections, etc. *Prerequisite: MATH 1310, pending competency testing for MATH 1310, or instructor's approval.*

**MATH 1410 College Trigonometry ..... 3**

A course that explores exponential and logarithmic functions as well as fundamental concepts of trigonometry. Topics covered will include triangle trigonometry, the trigonometric functions, their inverses, and their graphs. Trigonometric equations and trigonometric identities will be explored as trigonometry is applied to various situations. *Prerequisite: Grade of B or above in high school Algebra II or the equivalent.*

**MATH 1511 Applied Calculus I .....4**

Differential and integral calculus of the polynomial, logarithmic, and exponential functions, including limits and continuity; rules of differentiation and integration; applications in the life sciences and business, including maximum/minimum problems and related rates; and the fundamental theorem of calculus. *Prerequisite: Grade of C or above in MATH 1320.*

**MATH 1512 Applied Calculus II .....4**

A continuation of Calculus I that includes trigonometric functions, techniques of integration, functions of two and three variables, differential equations, sequences and series, and probability. Applications will continue to be emphasized. *Prerequisite: MATH 1511.*

**Ministry (MNST)**

**MNST 1901 Foundations for Christian Ministry ..... 3**

This course is an overview of the biblical foundations necessary for effective ministry. The importance of the teaching ministry will be examined as a means of grounding ministry in the scripture as core content for ministry. *(Offered fall semester, odd-numbered years.)*

**MNST 2080 Special Topics in Ministry (Lower Level) ..... 1-3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the

discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**MNST 3071 Practicum..... 1-3**

A supervised learning experience in a cross-cultural setting that provides one with initial exposure to relevant professional activities. Supervision of the practicum is a shared responsibility between the faculty advisor and on-site supervisor. This course may be repeated; a maximum of three 3 hours may be used to satisfy degree requirements. *Prerequisite: INDS 3610, consent of the student's advisor and department chair or designee. (Offered by department discretion.)*

**MNST 3110 Discipleship and Lifestyle Evangelism .....3**

This course focuses on individual experiences in discipleship, personal sanctification, and evangelism in contemporary society. Special attention will be given to the art of persuasion and its link to communication theory. The importance of perseverance in the faith of those who come to know Christ through evangelistic efforts is ultimately highlighted. *(Offered fall semesters, even years.)*

**MNST 3701 Ministry in Cultural Context .....3**

This course will work to develop a coherent ministry vision based on unchanging theology and changing cultural contexts. Based on Reformed theological orthodoxy, students will learn how theology has implications on how to see ministry and what to do in ministry by participating in ethnographic studies of different location and peoples. It will provide a foundation for how students can articulate, communicate, and live out doctrine in a specific place and time—whether an urban neighborhood, a rural farming community, a cross-cultural location, or working with youth. *(Offered Spring, even years)*

**MNST 3720 Contemporary Issues in Ministry.....3**

**MNST 3910 Biblical Preaching and Communication.....3**

This course is designed to give a broad overview of the basic tools and techniques necessary for preparing and presenting sermons based upon biblical texts. Topics include an introduction to sermon research as well as what it means to preach in a contemporary context, including the use and misuse of technology, film, music, object lessons and a variety of preaching techniques including both narrative and expository. *Prerequisite: BB305. (Offered spring semester, even years.)*

**MNST 4080 Special Topics in Ministry (Upper Level) ..... 1-3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**MNST 4081 Directed Study and Research..... 1-3**  
 Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required. (Offered by department discretion.)*

**MNST 4091 Seminar on Ministry..... 1**  
 Students will meet in an intensive format to discuss current issues in ministry and church administration. This course will cover topics of church growth, administration, worship, as well as trends and issues in ministry in a seminar style format. *Prerequisite: Senior status. (Offered every spring).*

**MNST 4120 Spiritual Formation and Faith Development..... 3**  
 A course to equip students in both the theory and practice of the spiritual disciplines. This course focuses on our personal relationship with God. We will seek to develop an understanding of the necessary aspects of personal spiritual maturation through the evaluation of Scripture and through self-reflection and practice. Second, this course will emphasize theories about the stages of faith and moral development as those theories relate to Christ-centered ministries. *(Offered spring semesters, odd years.) Fee*

**MNST 4630 Prayer and the Holy Spirit ..... 3**  
 The power of communicating the Gospel message effectively resides in the operations of the Holy Spirit and the prayer life of the presenter. This course explores in-depth the person and work of the Holy Spirit in evangelism as well as the key elements of effectual prayer. Students will reflect on the movement of the Holy Spirit in their lives as they develop a plan for prayer in their ministries. Some attention will be giving to the nature of spiritual warfare and the call to personal holiness. *(Offered fall semester, odd-numbered years).*

## Music (MUSC)

**MUSC 1100 Seminar in Music Performance ..... 5**  
 Required weekly attendance for all music majors enrolled in applied music. An important venue for weekly performances, it includes attendance at local area music productions. Successful completion required each semester of enrollment.

**MUSC 1110 Beginning Class: Voice .....2**  
 Intended for students who have not previously studied voice. Students learn basic concepts of producing good sound including proper breath management, good diction, and developing the full range of voice. Opportunity to sing for and listen to colleagues is an important aspect of this course. Some studio class and concert attendance requirements are included. *Fee*

**MUSC 1111,1112,2111,2112 Applied Voice ..... 1**  
 Emphasis is placed on the use of the voice as a natural instrument. The goal is an artistic style of singing that includes beautiful tone and dependable technique. As the voice is developed, literature suited to the capacity of the student and drawn from the best works of great masters is studied. Some popular music of the student's choosing may be included. Some studio class and concert attendance requirements included. *Fee*

**MUSC 1120 Beginning Class: Piano ..... 2**  
 Intended for students who have not previously studied piano. In addition to mastering note reading and playing simple pieces, students develop the ability to play chord progressions, harmonize simple melodies, and explore other keyboard capabilities.

**MUSC 1121,1122,1221,1222 Applied Piano .....1**  
 Students are accepted at various levels of proficiency, and their ability to play the piano in a musical way is further developed. Piano literature selected is suited to the capacity of the student and consists of art music pieces from the Baroque era to the present. Some popular music of the student's choosing may be included. Some studio class and concert attendance requirements included. *Fee \$95*

**MUSC 1130 Beginning Class: Guitar ..... 2**  
 Intended for students who have not previously studied guitar. Students learn to play notes and chords, read music notation, play simple music from several styles, and do a variety of other guitar-related activities.

**MUSC 1131,1132,2131,2132 Applied Guitar .....1**  
 A study of technique and literature open to students of all levels of proficiency. Some studio class and concert attendance requirements included. *Fee*

**MUSC 1140,1150,2140,2150 Applied Group Lessons .....1**  
 A study of musical performance techniques and literature open to students of all levels of proficiency. Students apply their studies in a group setting with individual attention given to each student. Opportunity to play for and listen to music.

**MUSC 1141,1142,2141,2142 Applied Organ.....1**  
 The course includes a thorough grounding in registration, means of expression necessary to minimize the highly mechanical nature of the instrument, and pedal technique. The choice of music is determined by the capacity of the student and the instrument being played. *Prerequisites: Moderate level of piano proficiency and consent of professor. Fee*

**MUSC 1151,1152,2151,2152 Applied Strings .....1**  
 A study of technique and literature open to students of all levels of proficiency. Some studio class and concert attendance requirements included. *Fee*

**MUSC 1161,1162,2161,2162 Applied Woodwinds .....1**  
 A study of technique and literature open to students of all levels of proficiency. Some studio class and concert attendance requirements included. *Fee*

**MUSC 1171,1172,2171,2172 Applied Percussion .....1**  
 A study of technique and literature open to students of all levels of proficiency. Some studio class and concert attendance requirements included. *Fee*

**MUSC 1181,1182,2181,2182 Applied Brass .....1**  
 A study of technique and literature open to students of all levels of proficiency. Some studio class and concert attendance requirements included. *Fee*

**MUSC 1191,1192,2191,2192,3191,3192,4191,4192 Applied Synthesizer ..... 1**  
 Equips students to use historical and exploratory techniques to use synthesizers for sound design. Analog synthesis, through digital (computer-based emulation) tools, will be utilized.

**MUSC 1211 College Choir..... 1**  
 A select choral group of mixed voices that explores all historical and stylistic music that brings praise to the Lord. The choir presents public concerts, regional tours, and participates in chapel and church services, convocations, and other events. Purchase of formal wear is required. *May be repeated for credit.*

**MUSC 1221 Guitar Ensemble..... 1**  
 Intended for students with some experience in reading music and playing classical guitar. Students will develop skills that enable them to perform classical music on a challenging level in an ensemble setting. The ensemble will be expected to perform at events on and off campus. *Prerequisites: Music 105, 147, or consent of instructor. Materials: Classical guitar, footstool, and music as needed. May be repeated for credit.*

**MUSC 1231 College Orchestra ..... 1**  
 An ensemble for students with some prior study and ensemble experience on a string or woodwind instrument. The ensemble meets twice per week and may be expected to perform occasionally on or off-campus. *Prerequisite: 2 years of study on the instrument, or consent of professor. May be repeated for credit.*

**MUSC 1241 Rock Ensemble ..... 1**  
 This course provides an introduction to the technique, musical expressiveness, and stylistic performance practices appropriate for rock, pop, country, R&B, and other modern music styles. Students are required to attend rehearsals 3-4 hours per week and to perform live on or off campus. Includes two non-performing opportunities in audio engineering and management. *Audition/ Interview Required.*

**MUSC 1261 Pep Band ..... 1**  
 Provides an introduction to the technique, musical expressiveness, and stylistic performance practices appropriate for performance at athletic events. Students are required to attend rehearsals 3.4 hours per week and to perform at a significant number of Montreat College athletic events.

**MUSC 1311 Music Theory I .....4**  
 Music Theory I is a comprehensive study of music fundamentals, including notation, key signatures, scales, intervals, diatonic harmony and non-harmonic tones, in preparation for the study of four-part harmony in MUSC 2313. Aural skills include sight-singing and rhythm exercises; melodic, harmonic, and rhythmic dictation; and the basic keyboard skills required for comprehension of the concepts taught in this course. *(Offered fall semesters, even years.)*

**MUSC 1312 Music Theory II.....4**  
 Music Theory II builds upon the fundamental concepts and skills presented in MUSC 1311. Emphasis is on harmony and voice leading practices in traditional four-part chorale style; chordal progressions and resolution tendencies; dominant and non-dominant seventh chords; and modulation to related keys. Continued development of aural skills includes progressive sight-singing, rhythm, and keyboard exercises; melodic,

rhythmic, and harmonic dictation. *(Offered spring semesters, odd years.)*

**MUSC 1411 Introduction to Music .....3**  
 An introduction to materials and properties of music, musical media, and categories of musical literature with a concentration in music of the Baroque, Classical, Romantic, and Modern eras.

**MUSC 2080 Topics in Music (Lower Level) ..... 1-3**  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**MUSC 2212 College Choir ..... 1**  
 A choral ensemble that explores challenging repertoire from the Renaissance to the twenty-first century, the choir performs in concerts with the Concert Choir as well as in chapel and church services, madrigal dinners, and other functions. Above average sight-singing and vocal abilities necessary. *Successful audition required. May be repeated for credit.*

**MUSC 2251 Songwriting..... 1**  
 The purpose of this course is to develop individual and ensemble creativity and experience in writing, arranging, and performing original music. Students are required to attend rehearsals 3-4 hours per week and to perform live on or off campus. Includes two non-performing opportunities in audio engineering and management. *Prerequisites: Completion of MUSC 1241 or instructor approval, Audition/ Interview required.*

**MUSC 2261 Accompanying.....1**  
 A repeatable course designed primarily to fulfill ensemble requirements for Piano majors. Emphasis on development of sight reading, listening, and ensemble skills needed for effective accompaniment. Includes supervised collaboration with student soloists and ensembles, and some performances. *Prerequisite: consent of professor.*

**MUSC 2271 Chapel Worship Ensemble ..... 1**  
 Students will learn and grow in musical and worship-leading techniques. Students are required to attend rehearsals 3-4 hours per week and to perform live during chapel services and other events. Includes two non-performing opportunities in audio engineering and production.

**MUSC 2313 Music Theory III ..... 4**  
 Music Theory III is a continuation of the study of melodic, harmonic, and formal elements used in the Common Practice Era. Includes an introduction to extended tertian and chromatic harmony; a brief study of each of the standard Classical forms; and early 19th c. Romantic style. Continued development of aural skills includes progressive sight-singing, rhythm, and keyboard exercises; advanced melodic, rhythmic, and harmonic dictation. *(Offered fall semesters, odd years.)*

**MUSC 2314 Music Theory IV .....4**  
 Music Theory IV is a continuation of the study of 19th c. compositional techniques, including increased chromaticism and foreign modulation in the Late Romantic and Impressionist periods; and an introduction to the eclecticism and experimental techniques of the early 20th century, including serialism. Continued development of aural skills includes progressive sight-singing, rhythm, and keyboard exercises; advanced melodic, rhythmic, and harmonic dictation. (*Offered spring semesters, even years.*)

**MUSC 2321 Rhythm Studies ..... 3**  
 This course will investigate the nature of rhythm observed from a rainbow of musical idioms. The idioms used for study will be determined by the students' own prior musical experiences, their main fields of study, and the instructor's recommendations. Topics include clave, hemiola, polyrhythm, north and south Indian rhythm and counting, and time. The topic of time will include timekeeping; metronome and click track techniques; and feel.

**MUSC 2431 A Social History of Rock and Roll ..... 3**  
 This course explores the development of the rock-and-roll phenomenon from its roots in rhythm and blues, jazz and swing and country western music to its maturity and popularity in the latter part of the twentieth century. Various genres that have been viewed as subcategories or rock-and-roll are defined and examined. A study of influential and popular rock-and-roll musicians, their lives, and their music are included. The course also examines the social and political forces that spawned and nourished this influential genre of music and analyzes the effect that rock-and-roll has had on society. Christian principles in relation to participation in rock-and-roll will also be discussed as well as how rock-and-roll has affected the Christian community.

**MUSC 3080 Special Topics Seminar ..... 3**  
 Emphasis on topics of interest in either keyboard or voice disciplines.

**MUSC 3111,3112,4111,4112 Applied Voice..... 1**  
 A continuation of MUSC 1111, 1112, 2111, 2112. Advanced techniques of singing are studied. Emphasis on pedagogical and scientific aspects of the singing art. Literature includes that from classic and Romantic era opera and art song. *Prerequisites: Successful completion of 2000-level voice instruction and consent of professor. Fee*

**MUSC 3121,3122,4121,4122 Applied Piano ..... 1**  
 A continuation of MUSC 2121, 1122, 2121, 2122. Advanced playing techniques are studied. Emphasis on pedagogy, interpretation, mechanics of sound production, and physiological aspects of keyboard playing. Literature includes that from the Baroque through the Modern eras. *Prerequisites: Successful completion of 2000-level piano instruction and consent of professor. Fee*

**MUSC 3131,3132,4131,4132 Applied Guitar..... 1**  
 A study of technique and literature in continuation of MUSC 1131,1132,2131,2132. Some studio class and concert attendance requirements included. *Prerequisites: Successful completion of 2000-level guitar instruction and consent of professor. Fee*

**MUSC 3141,3142,4141,4142 Applied Organ ..... 1**  
 A continuation of MUSC 1141, 1142, 2141, 2142. Studies include advanced techniques in registration and pedaling. Emphasis on service playing, and artistic and interpretive aspects of the organ. Literature drawn from Renaissance to Modern repertory. *Prerequisites: Successful completion of 2000-level organ instruction and consent of professor. Fee*

**MUSC 3151,3152,4151,4152 Applied Strings ..... 1**  
 Advanced study of technique and literature in continuation of MUSC 1151, 1152, 2151, 2152. Some studio class and concert attendance requirements included. *Prerequisites: Successful completion of 2000-level string instruction and consent of professor. Fee*

**MUSC 3161,3162,4161,4162 Applied Woodwinds ..... 1**  
 Advanced study of technique and literature in continuation of MUSC 1161, 1162, 2161, 2162. Some studio class and concert attendance requirements included. *Prerequisites: Successful completion of 2000-level woodwind instruction and consent of professor. Fee*

**MUSC 3171,3172,4171,4172 Applied Percussion ..... 1**  
 Advanced study of technique and literature in continuation of MUSC 1171, 2172, 2171, 2172. Some studio class and concert attendance requirements included. *Prerequisites: Successful completion of 2000-level percussion instruction and consent of professor. Fee*

**MUSC 3181,3182,4181,4182 Applied Brass..... 1**  
 Advanced study of technique and literature in continuation of MUSC 1181, 1182, 2181, 2182. Some studio class and concert attendance requirements included. *Prerequisites: Successful completion of 2000-level brass instruction and consent of professor. Fee*

**MUSC 3242 Advanced Rock Ensemble ..... 1**  
 This course provides advanced instruction in the technique, musical expressiveness, and stylistic performance practices appropriate for rock, pop, country, R&B, and other modern music styles. Students are required to attend rehearsals 3-4 hours per week and to perform live on or off campus. Includes two non-performing opportunities in audio engineering and management. *Prerequisites: Completion of MUSC 1241 or MUSC 2251 or instructor approval. Audition/ Interview required.*

**MUSC 3331 Arranging .....3**  
 Instrumentation, notation, song writing, and other compositional issues related to the creation and adaptation of music for use in worship and other musical environments. Development of skills to provide the student with the musical versatility to flourish within various musical situations. *Prerequisites: MUSC 1311 and MUSC 1312 or consent of professor.*

**MUSC 3421 Survey of Music Styles I.....3**  
 This course is a fast-paced survey of Western music history, antiquity to the 21st century, identifying the defining hallmarks of each period of change and development and citing representative composers and compositions for each. The course seeks to provide the student with a panoramic perspective.

**MUSC 3422 Survey of Musical Styles II** ..... 3  
 Having completed MUSC 3421, this course moves the student from the panoramic vantage point to a specific locale. This course, with an emphasis on research and writing, allows the student to take up residence with a genre and/or subgenre and discover how it has had an impact on history, society and faith.  
*Prerequisite: MUSC 3421.*

**MUSC 3461 History of Congregational Song** ..... 3  
 This course is an informational and useful survey of the most-incorporated tool in Christian worship: congregational song. Besides the historical survey, the study of song as musical composition is a dimension of the course with students actively involved in creating texts and tunes.

**MUSC 4080 Special Topics in Music (Upper Level)** ..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**MUSC 4081 Directed Study and Research**..... 1-3  
 Students may select. *Prerequisites: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**MUSC 4271 Choral Conducting** ..... 2  
 A study of basic conducting patterns, techniques, and rehearsal procedures. Laboratory experiences are concerned with learning about music through the rehearsal and study of choral literature. Emphasis is placed upon gestural technique and score study to effectively communicate characteristics of style and the performance practice of music from various musical periods.

**MUSC 4471 Choral Methods** ..... 2  
 The exploration of resources, methods, and techniques useful for leading a choir in church or school. Of particular emphasis is group vocal techniques, sight-singing techniques, and ensemble diction for choirs using IPA. *Prerequisite: MUSC 4271.*

## Music Business (MUSB)

**MUSB 1210 Survey of Music Production, Marketing and Distribution** ..... 3  
 This course provides core knowledge of current business, legal and marketing practices unique to the music industry. Topics include music publishing, recording, marketing and distribution.

**MUSB 1220 Survey of Music and Artist Management** ..... 3  
 This course provides core knowledge of current business, legal and marketing practices unique to the music industry. Topics include artist management, concert promotion, and arts administration.

**MUSB 1260 Music Business Forum** ..... 0  
 This course will consist of a mixture of guest speakers from the Music and Entertainment Industries, group discussion of current news and special topics in the Music Industry, and

songwriting showcase with student feedback. Successful completion required each semester of enrollment.

**MUSB 1311 Introduction to Audio Production** ..... 3  
 Introduction to the equipment of the recording studio and its use, audio session procedures, and guided experiences in recording. Emphasis on independent recording projects using multi-track recording, sequencing, signal processing, and MIDI technologies. Includes an overview of acoustics and sound in church and/or performance settings.

**MUSB 2080 Special Topics in Music Business (Lower Level)** ..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**MUSB 2231, 2232 CODA Music Festival Seminar I, II**.....2, 2  
 This course integrates theoretical and practical knowledge with experience relevant to the music business through completion of a major live event. Students in this course plan and produce the annual “Battle of the Bands” and are responsible for all aspects of the event from scheduling and marketing, to financial management, to technical aspects to stage design and logistics. Enrollment required for all music business majors. *(Offered every semester.)*

**MUSB 2411 MAPP Recording Techniques** .....3  
 Introduction to the equipment of the recording studio and its use, audio session procedures, and guided experiences in recording in the professional commercial recording studio environment. Will include independent work using current multi-track recording and processing equipment at Echo Mountain Recording Studio, a commercial recording facility in Asheville, NC. All classes are conducted off-campus at this location.

**MUSB 2412 MAPP Immersion Experience**.....3  
 This course covers the use of Pro-Tools audio production software and its integration with the commercial recording studio. It will include independent work using current multi-track recording and processing equipment at Echo Mountain Recording Studio, a commercial recording facility in Asheville, NC. All classes are conducted off campus at this location.  
*Prerequisite: MUSB 2411 (Offered every spring)*

**MUSB 2421 Sound for Film and Video Games** .....3  
 Students will learn techniques for creation and (legal) acquisition of audio to be used in video. Students will learn about the history of audio in film, conduct analysis of film audio, learn basic recording techniques, and do projects that reflect these various techniques. *Prerequisite: MUSB 1311 is recommended before taking this course.*

**MUSB 2441 MAPP Studio Management and Entrepreneurship** .....3  
 Covers the administrative functions unique to the modern commercial recording studio including accounting, marketing, personnel, planning, and facility management.

**MUSB 2451 MAPP Critical Listening ..... 1**  
Ear-training for producers and recording engineers. Class activities involve listening and analysis of master tape and disc formats. Will include a range of music genres as well as specialized technical ear-training.

**MUSB 3231, 3232 Album Seminar I, II ..... 3, 3**  
This course integrates theoretical and practical knowledge with experience relevant to the music business through completion of a required major project where students produce, market, and distribute a commercially viable music recording. Students are responsible for all aspects of the project from initial research and development of a viable prospectus to production, marketing and distribution. Enrollment required for all upper-division music business majors. *(Offered every semester.)*

**MUSB 3251 Copyright Law ..... 3**  
This course provides an overview of intellectual property law with a focus on copyright law. Special topics covered in the course include communications law, music law and corporate IP issues.

**MUSB 3252 Music Publishing..... 3**  
This course applies the foundation established in MS 331 Copyright Law in a business setting (how those rights are monetized and exploited). The course will cover all aspects of the music publishing industry with a focus on multi-media licensing. Students will learn how to set up a publishing company and be prepared to represent both publishing companies and artists in business matters. *Prerequisite: MUSB 3251*

**MUSB 3321 Live Sound and Lighting..... 3**  
An exploration of the philosophical foundation and the practical use of current technology employed in worship settings. Students will gain hands-on experience with hardware and software involved with lighting, projection, video editing, and audio recording. Taught by a select team of professionals.

**MUSB 3331 MIDI and Sound Synthesis..... 3**  
An introduction to hardware and software applications for the musician's use. Topics include the use of MIDI for record, playback, sequencing, arranging and preparation of music for publication, composition, and the use of Web and Internet resources for musicians. *Pre or corequisite: MUSC 1311 or consent of professor. (Offered spring semesters, even years.)*

**MUSB 3421 MAPP Studio Mixing Techniques..... 3**  
An overview of digital audio technology with an emphasis on sound processing related to music production.

**MUSB 3431 MAPP Mastering..... 3**  
An advanced hands-on approach to the principles and practices of mastering. Focuses on the use of digital audio workstations specially designed for audio mastering and related outboard equipment. Additional focus on surround mastering and DVD authoring.

**MUSB 4071 Practicum in Music Business ..... 2-3**  
In-depth experience in selected music industry tailored to the ability and needs of individual students. *Prerequisites: INDS 3610*

**MUSB 4080 Special Topics in Music Business (Upper Level)..... 1-3**  
This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**MUSB 4081 Directed Study and Research ..... 1-3**  
Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies 1-3 hours. Repeatable for up to six hours of credit. *Prerequisite: Junior status and approval of department chair. 610, Junior standing.*

**MUSB 4271, 4272 Music Business Seminar V and VI..... 2, 2**  
This course focuses on the integration of interdisciplinary theoretical and practical knowledge and experience relevant to the music business. Course involves a student independent project. Course may be included as part of an immersion semester during the senior year. Enrollment required for all upper-division music business majors. *(Offered every semester.)*

**MUSB 4273 Senior Studies in Music Business.....3**  
This is a capstone course designed to integrate knowledge and experience established throughout the music business curriculum. Students will develop a unique and practical plan for a viable, music-related venture or develop a solution to a problem or issue related to the industry. Students will be expected to demonstrate the ability to practice innovation, establish a productive team and work schedule and produce a compelling and viable plan that includes an effective marketing strategy.

**MUSB 4273L Senior Studies in Music Business Lab ..... 1**  
Lab component of the MUSB 4273 capstone course. This course is a component of the Montreat Audio Production Program (MAPP) immersion semester. In this lab, students address and develop solutions to problems related to the production, distribution or marketing of music.

## Outdoor Recreation (OREC)

### OREC 1110 Introduction to Outdoor Recreation Studies ..... 3

This course introduces students to foundational topics in Outdoor Recreation. Topics include key terms, core competencies of outdoor recreation professionals and leaders, historical trends, facilitation and group processing skills, environmental stewardship, teaching strategies, career options and participation in and development of integrated outdoor experiences. A variety of teaching methods including discussion, field experiences, movies, books, and articles will be used. Students will receive instruction and content from faculty members representing each of the four concentrations to assist in informing their decision as to which concentration to pursue. Students do not need to come into the course with a declared concentration. Students begin development of a portfolio that will continue to develop throughout the program of study. Students are required to attend out-of-class experiences that complement the theoretical content. (Offered fall semesters.) Fee

### OREC 1120 Facilitating Outdoor Recreation Experiences ..... 2

This course will cover techniques and principles involved in organizing, presenting and facilitating outdoor recreation activities and programs. Students will develop a repertoire of outdoor recreation activities, discuss a variety of practices and concepts involved in debriefing activities to maximize participants' growth. This course will expose students to a variety of discussion-based facilitation techniques to be used in all concentrations. Corequisite: OREC 1241. (Offered spring semesters.)

### OREC 1130 Discovery Wilderness Expedition ..... 4

An 18-22 day wilderness expedition that may include backpacking, rock climbing, whitewater canoeing, camping, route finding, a solo experience, and a personal challenge event. Through these experiences, students focus on individual and group development in four core areas: stewardship, discipleship, community, and leadership. Emphasis is on spiritual growth and Christian fellowship. A reflective paper will be required. Discovery is a physically challenging course but possible for participants in average physical condition. Challenge and risk are part of the teaching methodologies of the program, and although managed to provide as much safety as possible, all risks cannot be removed. Required for first year for ORS majors. Completion of OREC 1130 will fulfill one PE credit requirement. (Offered spring semesters.) Fee

### OREC 1241 Facilitating Low Challenge Courses ..... 1

This course will focus on the facilitation of fixed and portable low ropes initiatives. The course is intended to provide an overview of necessary skills for the facilitation. Emphasis will be placed on group processing skills. This course will follow industry standards as set forth by the Association for Challenge Course Technology (ACCT). This course is not an ACCT or Montreat College Team and Leadership Center facilitator certification, training or testing, but should provide students with a foundation for certification in the future. Corequisite: OREC 1120. (Offered spring semesters.) Fee

### OREC 1511, 1512 Outdoor Recreation Studies Field Experience ..... 1-2

An Outdoor Recreation Studies major must fulfill the specified requirements of two different field experiences for 1 credit hour each before doing an ORS internship in the junior or senior year. Field experiences consist of hands-on opportunities in various ORS related events or organizations. Each credit hour earned requires 40 hours of on-site involvement during an agreed upon length of time. Prerequisites: Consent of the student's field experience supervisor. (A fee per credit hour is assessed for field experiences during the summer. During the semester the credit counts within the load.)

### OREC 1710 Fly Fishing ..... 1

An introduction to fly fishing, its history, equipment selection and maintenance, casting techniques, aquatic entomology, and stream ecology. Fee

### OREC 1720 Backpacking and Orienteering ..... 1

An introduction course focusing on backpacking and camping skills such as clothing selection, fire building, Leave-No Trace practices, map and compass, and the use of camping gear. At least one backpacking trip is required. Fee

### OREC 1731 Rock Climbing ..... 1

Designed for the beginning and intermediate climber, students will learn knots, basic climbing skills, and safety. Fee

### OREC 1732 Advanced Rock Climbing ..... 1

This course is designed for the intermediate and advanced climber. Students will learn technical rope techniques, a variety of options for top-rope setup, proper placement of rock protection, and the basics of lead climbing. Prerequisite: OREC 1731 or consent of professor. (Offered spring semesters.) Fee

### OREC 1741 Canoeing ..... 1

Emphasis on tandem paddling skills, lake and whitewater canoeing, and water safety and rescue. Prerequisite: Swimming ability. Fee

### OREC 1742 Advanced Canoeing ..... 1

Designed for the novice solo canoeist or intermediate tandem canoeist seeking to move into solo canoeing, the emphasis of the course is on proper solo technique for use in a whitewater setting. Rolling and C-1 techniques will also be introduced. Prerequisites: OREC 1741 or consent of professor. Swimming ability. (Offered fall semesters.) Fee

### OREC 1751 Kayaking ..... 1

This course is designed for the beginning and intermediate kayaker. Emphasis will be placed on the self and assisted-rescue techniques, basic paddling strokes, river reading, hydrology, water safety, and rescue. (fall, even/odd) Prerequisite: Swimming ability. Fee

**OREC 1752 Advanced Kayaking..... 1**

This course is designed for the intermediate and advanced kayaker. Students will learn a variety of rescue procedures, advanced river reading and hydrology, advanced strikes and maneuvers while paddling more difficult rivers/creeks. (fall, even/odd) *Prerequisites: OREC 1751 or consent of professor. Swimming ability. (Offered fall semesters.) Fee*

**OREC 1753 Whitewater Rafting ..... 1**

This course makes use of the multitude of high-quality whitewater paddling destinations near campus. Designed for students with varying amounts of whitewater rafting experience, this course will introduce students to basic and intermediate rafting techniques; crew and guide skills; and water safety and rescue. Due to the time requirement for this course, experience days will occur primarily on Fridays or Saturdays. *Prerequisites: Swimming ability. Fee*

**OREC 1761 Downhill Skiing ..... 1**

Designed for the beginning and intermediate skier, this course includes two lecture classes and five ski trips to a local slope. Students receive one hour of instruction and three hours of ski time during each trip. (spring, even/odd) *Fee \$275 - No refund after first class.*

**OREC 1762 Winter Outdoor Recreation ..... 1**

This course, taught in the winter months (typically in the spring semester), has varying content, depending on the weather and location. Emphasis is on how to live comfortably outside in cold environments and winter ecology. Content may include cross-country skiing, snow showing, snow and ice climbing and travel, winter backpacking, and snow shelter construction. At least one backcountry trip is required. (spring, even) *No prerequisite - previous camping experience preferred. Fee*

**OREC 2210 Human Health and the Natural Environment..... 3**

This course approaches the issues of human health and quality of life from the perspective of the natural environment. That is, in what ways do natural environments impact human health and an individual's reported sense of quality of life? Questions such as, how much nature is needed to promote health, location attributes that encourage participation, and innate human affinity to nature will be discussed. This course will encompass a variety of readings, class discussion, guest speakers, and several experiential learning components. (spring, odd)

**OREC 2211 Wilderness First Aid ..... 1**

This course is designed to include all training necessary to become certified in dealing with various aspects and levels of outdoor/wilderness crises in remote settings. Course content is critical for any outdoor professionals. Principles covered include management of medical environmental and critical care emergencies in wilderness settings. Participants must be able to negotiate all types of terrain in all types of weather conditions for mock rescue scenarios. *Fee*

**OREC 2221 Outdoor Living Skills .....4**

This course reinforces the skills learned from OREC 1130 and continues to increase the competency of living safely, comfortably, and respectfully in the outdoors. The course will introduce backcountry emergency & risk management, expedition travel techniques, monitoring group safety, backcountry cooking techniques, all under the purview of leave no trace environmental ethics. It also develops the confidence of

those intending to lead others backpacking and camping in a wilderness setting by offering an opportunity for peer teaching. The course includes two - weekend backpacking trips – dates to be announced in class. *Prerequisite: OREC 1130 or consent of professor. Transfer ORS students can take the course without the prerequisite. (Offered fall semesters.) Fee*

**OREC 2330/2331 Teaching Methods and Curriculum Development in Outdoor Recreation Studies with Lab ..... 4**

This course focuses on the development of curricula that integrates adventure education and environmental education from a Christian perspective. Students develop a philosophy of teaching and have opportunities to observe others and practice teaching techniques in local schools and programs. Three hours lecture and three hours lab per week. *(Offered fall semesters.)*

**OREC 2311 Survey of Environmental Education Curricula.....3**

In this course, students will be trained to use curricula, such as Project WET, Project WILD, Project Learning Tree, Aquatic WILD, and/or CATCH so that they can creatively teach others about content included in each curriculum. These curricula can be used in most outdoor recreational settings with a variety of age groups. Students who participate in this class progress toward fulfilling the instructional workshop requirement for the North Carolina Environmental Education Certification. *(Offered spring semesters, odd years.)*

**OREC 2081 Special Topics in Outdoor Recreation Studies (Lower Level) ..... 1-3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshman or sophomore academic experience.) Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**OREC 3222 Outdoor Programming and Leadership: Expedition Management ..... 4**

A wilderness leadership course which offers advanced instruction in leadership skills such as judgment and decision-making, group management, route and ration planning, land navigation, teaching and facilitation techniques, and risk management. Emphasis is on professional leadership development. Course includes a required backpacking trip. *Prerequisites: OREC 1130, OREC 2221 and OREC 2330 or consent of instructor. (spring, even) Fee*

**OREC 3242 Challenge Course Facilitation ..... 2**

This course will focus on the facilitation of high challenge course elements including fixed high ropes courses and climbing towers. The course is intended to provide a more intensive focus on the challenge course industry and necessary skills for the facilitation of challenge course programming. Emphasis will be placed on group processing skills, technical equipment and skills, and management/assessment techniques. This course will follow industry standards as set forth by the Association for Challenge Course Technology (ACCT). This course is not an ACCT or Montreat College Team and Leadership Center facilitator certification, training or testing, but should provide students with a foundation to move forward to become certified should they wish to do so on their own. *Prerequisites: OREC 1120 and 1241. (spring, even)*

**OREC 3212 Principles of Environmental Interpretation ..... 3**

This course prepares students to communicate clearly in written, spoken and visual forms. The overriding focus of the course is to prepare students to design and present displays, exhibits, brochures and public programs in a professional and understandable manner. The National Park Service (NPS) philosophy of interpretation is used as a model in this course since the NPS has perfected techniques for communicating technical information to lay publics in an informal, relaxed atmosphere. *(Offered fall semesters.)*

**OREC 3320 Environmental Policy and Law..... 3**

A course designed to acquaint students with the history of natural resource management, agencies that manage public lands, and laws created to protect natural resources. Students will also explore policies of the United States government, and current agencies and laws that govern use or abuse of the environment. Students travel to Washington, DC as a part of this course. *(Offered spring semesters, even years.) Fee*

**OREC 3410 Group Dynamics and Behavioral Management .. 3**

This interdisciplinary course is for students who want to become more effective as a small group participant and leader. It focuses on different types of small groups and the communication skills essential for effective group participation and facilitation. Theory is coupled with experiential learning to gain an understanding of group development and leadership that enriches individual lives and builds a Christian community. This course also works through an established curriculum on behavioral and group management. This class is excellent for all outdoor leaders, but is especially helpful for students working at camps or interested in careers in wilderness and outdoor therapy, as well as camps. Part of immersion semester. (spring, even)

**OREC 3420 Conference and Event Planning ..... 1-3**

This course is designed to expose students to the planning and organization of a professional Outdoor Recreation/Education related conference. The students will gain experience in organization, development and follow through the details needed to carry out a professional conference including various levels of the conference planning and evaluation. *(Offered by department discretion.)*

**OREC 3430 Survey of Adventure-Based Counseling 3**

This course is intended to provide an overview of the theoretical underpinnings, conceptual foundations, and necessary skills related to the field of Adventure-Based Counseling. Topics will include history, theories, ethical issues, populations, faith considerations, and specific skills and techniques related to Experiential Therapy, particularly in an adventure context. Students will be encouraged to participate in personal reflection and processing related to class content. The course will include at least one day-long site visit and one day-long Adventure-Based Counseling experience. *Prerequisite: PSYC 1100 or 1200. (Offered by department discretion.)*

**OREC 3513 Practicum ..... 1-3**

A supervised learning experience that provides the student with initial exposure to relevant professional activities. Supervision of the practicum is a shared responsibility between the faculty advisor and on-site supervisor. This course may be repeated; a maximum of three 3 hours may be used to satisfy degree

requirements. *Prerequisites: INDS 3610, consent of the student's advisor and department chair or designee.*

**OREC 3514 Internship.....3**

Designed to serve as a culminating field experience for students majoring in Outdoor Recreation Studies, this experience provides broad-based exposure to all operational facets of an outdoor recreation program. The intent is to provide each student with a full-time placement in his or her area of concentration. *Prerequisites: OREC 2311 and 2312, INDS 3610, junior status.*

**OREC 3610 Program Planning and Design .....3**

Students will learn to observe, analyze, and design the planning and curriculum development processes required for administration of outdoor recreation programs. This course is designed to provide students with an understanding of outdoor recreation program planning in a variety of settings and situations for a variety of potential participants. (spring, even/odd)

**OREC 4212 Wilderness First Responder .....3**

Wilderness First Responder (WFR) is the definitive course in medical training for outdoor recreation professionals, educators and others who work or play in remote areas. The curriculum is comprehensive and practical, including all of the essential principles and skills required to assess and manage medical problems in isolated and extreme environments. Part of immersion semester. (spring, even) *Fee*

**OREC 4223 Advanced Technical Skills ..... 4**

A course offering instruction in leading and guiding several outdoor adventure recreation activities including, rock climbing, whitewater paddling, and canoeing experiences. Emphasis is on instruction techniques, programming considerations, skill development, and professional leadership. Students gain teaching and leadership experience. *Prerequisites: OREC 2221, OREC 3222, or consent of instructor. (Offered fall semesters, even years.) Fee*

**OREC 4224 Wilderness Institute.....3**

Wilderness institute, the outdoor leadership and adventure education tracks' capstone course, encourages students to look both inward at the way that they personally interact and are affected by experiences in the natural environment as well as outward and forward at how students see themselves as outdoor leaders, environmental stewards, and effective group facilitators. This is achieved through in class seminar-based meetings and an off-campus backcountry experience. This course offers the opportunity for senior students to receive feedback on their acquired skills, knowledge of the outdoor leadership field, and ability to manage risk and administer an effective outdoor adventure experience. *Prerequisites: senior level students and OREC 1130, OREC 2221, OREC 3222, OREC 3410. (spring, odd.) Fee*

**OREC 4610 Administration and Management of Outdoor Recreation Programs .....4**

A study of administrative procedures for a broad scope of outdoor recreation programs. Topics will include personnel and facility management, program development, boards and committees, fiscal planning, staff hiring and training, public relations, insurance, record keeping, marketing and risk management. Students will develop the administrative infrastructure for a new program. Course includes at least three site visits to local outdoor recreation facilities. *Prerequisites: OREC 1120, OREC 3212, OREC 3610, and senior standing in the major. (Offered fall semesters.)*

**OREC 4620 Current Issues in Outdoor Recreation Studies .. 3**

A course designed for graduating seniors preparing to enter the Outdoor Recreation Studies field. Students will be required to read a wide variety of literature and discuss pertinent issues in the ORS field. Students will complete a major literature review and at least two oral presentations on the issues researched. *Prerequisites: OREC 3212 and senior standing in the major. (Offered spring semesters.)*

**OREC 4630 Senior Seminar ..... 1**

Designed to prepare Outdoor Recreation Studies majors to make the transition to professionals in the field, this course includes job search and interview skills and will assist students in gaining a deeper understanding of God's calling and in bringing closure to the student's academic career. Students will complete a résumé, portfolio, and a comprehensive assessment and exit interview. Required of all ORS majors in their final semester. *Prerequisite: senior standing in major. (Offered spring semesters.)*

**OREC 4801 Special Topics in Outdoor Recreation Studies (Upper Level) ..... 1-3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience.) Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**OREC 4802 Directed Study and Research ..... 1-3**

Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours, although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**Philosophy (PHIL)**

**PHIL 2401 Introduction to Philosophy ..... 3**

An introduction to the major problems and systems of philosophy. This course familiarizes the student with some of the systems of philosophy that have appeared over the centuries and with some of the contemporary systems. *(Offered fall semesters, even years.)*

**PHIL 2410 Logic..... 3**

This course will introduce students to the basic components of sound argumentation. Students will be introduced to the basic categories, language, tools, and concepts of formal logic. This

course will teach students to evaluate arguments using these tools of logic. Students will also learn to identify both formal and informal fallacies where they occur in common argumentation. *(Offered spring semesters, odd years.)*

**PHIL 2902 Modern Secular-Christian Worldviews .....3**

An interdisciplinary course examining the worldviews, trends, and problems of twentieth-century Western humankind. A Christian worldview and secular thought will be contrasted in several areas, including science and modern literature. *Prerequisites: HIST 1301, 1302. (Offered spring semesters, even years.)*

**PHIL 3401 Ethics .....3**

This course will introduce students to several major ethical theories, including virtue, rule, and consequential approaches. Students will read and study several important ethical thinkers, both Christian and secular. These ethical theories will then be applied to case studies in a variety of fields such as: bioethics, political ethics, ecclesial ethics, ethics of counseling, business ethics, environmental ethics, etc. *(Offered fall semesters, even years.)*

**PHIL 3502 Philosophy of Leadership .....3**

This is an interdisciplinary course designed to stimulate thinking about leadership qualifications, styles, principles, and practices. Emphasis will be placed on developing a personal philosophy of leadership that draws from life experiences, various historical theories, and the Biblical model of Jesus. *Junior standing is strongly recommended. (Offered spring semester, even years.)*

**PHIL 4080 Special Topics in Philosophy (Upper Level)..... 1-3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**PHIL 4081 Directed Study and Research ..... 1-3**

Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required. (Offered by department discretion.)*

**PHIL 4091 Senior Thesis .....3**

Students develop an extensive paper under the direction of a faculty member that demonstrates their ability to do senior-level research and writing on a specialized topic in theology, philosophy, or cross-cultural studies. A committee comprised of the course professor, another member of the division, and a member chosen by the student evaluates and grade the thesis. *(Offered every semester as needed.)*

**PHIL 4403 Philosophy of Religion and Apologetics..... 3**  
This course will introduce students to the basic questions that concern religious thinkers, including: the problem of evil, miracles, immortality, proofs of God's existence, unity and diversity in religions, the relationship of faith and reason, etc. The works of some of the key thinkers in the philosophy of religion will be read in addition to the general survey of the subject. (*Offered spring semesters, odd years.*)

## Physics (PHYS)

**PHYS 1311, 1301 College Physics I, Lab..... 4**  
A series of lecture-demonstration periods in which algebra and trigonometry are used in mathematical analysis. Topics covered include classical mechanics, thermodynamics, oscillations and waves. The lab complements the lecture material; classes must be taken together. Three hours of lecture and two hours of lab per week. *Prerequisite: Grade of A or B in high school Algebra II and Trigonometry (or the equivalent) or grade of C or above in MATH 1410.*

**PHYS 1312, 1302 College Physics II, Lab.....4**  
A series of lecture-demonstration periods in which algebra and trigonometry are used in mathematical analysis. Topics covered include electricity and magnetism, fluids, optics, and nuclear physics. The lab complements the lecture material, classes must be taken together. Three hours of lecture and two hours of lab per week. *Prerequisite: Grade of A or B in high school Algebra II and Trigonometry (or the equivalent) or grade of C or above in MATH 1800.*

## Psychology (PSYC)

**PSYC 1100 Psychology Applied to Modern Life..... 3**  
This course offers majors and non-majors an opportunity to apply knowledge from psychology to practical problems. It provides students with an overview of the theory and research in psychology that is related to the demands and challenges of everyday life. Students examine issues that affect their own adjustment to modern life. The following topics will be addressed: stress, physical health, love relationships, gender, communications, self, personality, work, and development. *Students who earn credit for PSYC 1100 may not earn credit for PSYC 1200.*

**PSYC 1200 General Psychology ..... 3**  
This course is a basic survey of the discipline of psychology: the science of behavior and mental processes. We will examine the physiological, intellectual, emotional, and social aspects of human behavior and look at the applications of psychological theory and research to daily living. *Students who earn credit for PSYC 1200 may not earn credit for PSYC 1100.*

**PSYC 2080 Special Topics in Psychology (Lower-Level) ..... 1-3**  
This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *Prerequisite: PSYC 1100 or PSYC 1200 or consent of professor. (Offered by department discretion.)*

**PSYC 2100 Child and Adolescent Development .....3**  
An overview of the physiological, cognitive, psychosocial, and spiritual aspects of development from conception through age 18. *Prerequisite: PSYC 1100 or PSYC 1200 and a minimum of sophomore standing.*

**PSYC 2110 Adult Development and Aging .....3**  
An overview of the physical, cognitive, social, spiritual, and emotional aspects of adult development. *Prerequisites: PSYC 1100 or PSYC 1200 and a minimum of sophomore standing.*

**PSYC 2300 Research Methods .....3**  
This course is designed for upper-level undergraduate students majoring in human services and psychological studies. The course will introduce research methodology and a basic framework to critically evaluate social and behavioral science research. You will be exposed to and tested on the major concepts and methods for generating hypotheses and designing a multi-measure study. This course should enable you to evaluate more critically the claims of "experts" in the popular press as well as in the scientific literature. It will also serve as preparation for graduate-level research. *Prerequisite: PSYC 1100 or PSYC 1200.*

**PSYC 2400 Personality .....3**  
Basic principles of personality structure, dynamics, development, assessment, and theory are discussed. Consideration is given to both the environmental and biological determinants of personality. *Prerequisite: PSYC 1100 or PSYC 1200.*

**PSYC 2500 Psychology and Theology Integration .....3**  
A survey of the integration of Theology and Psychology with an emphasis on the theological grounding of human development, an examination of modern and post-modern understandings of soul care, and the discovery of strengths within the intersection of the theological and psychological. The topics to be covered include the following: defining integration, the holistic relationship formed within a theologically and psychologically integrative approach, the relevancy of psychology in the theological field, the relevancy of theology in the psychological field, recognizing the work of theology and psychology as soul care, theological resources for further developing one's psychology, moral and faith development within a theologically understood human development model, and how relationships with God and others impact individual and societal psychology.

**PSYC 3071 Practicum..... 1-3**  
Supervised field education provides the student with practical on-the-job training in various areas of psychology related fields. Supervision of the practicum is a shared responsibility between the faculty advisor and the on-site supervisor. This course may be repeated; a maximum of three hours may be used to satisfy degree requirements. *Prerequisite: INDS 3610.*

**PSYC 3100 Abnormal Psychology.....3**  
A survey of the current categories of abnormal behavior emphasizing symptoms, major theories of causality, and current treatment methods. *Prerequisite: PSYC 1100 or PSYC 1200.*

**PSYC 3110 Social Psychology.....3**  
The study of the behaviors and thoughts of individuals as influenced by actual or perceived social factors and other individuals. *Prerequisite: PSYC 1100 or PSYC 1200*

**PSYC 4071 Internship ..... 3**  
Supervised internship provides the student with the opportunity to integrate classroom instruction with practical on-the-job learning in various areas of psychology related fields. This course is normally taken in the summer after the junior year. *Prerequisites: 12 credit hours in the major and INDS 3610.*

**PSYC 4080 Special Topics in Psychology (Upper Level) ... 1-3**  
This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *Prerequisite: PSYC 1100 or PSYC 1200 or consent of professor. (Offered by department discretion.)*

**PSYC 4081 Study and Research ..... 1-3**  
Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**PSYC 4100 Theories and Principles of Counseling ..... 3**  
An examination of several of the major theories of counseling in working with individuals, families, and small groups. Included are principles and techniques utilized in assessment, crisis intervention, contracts, and development of the therapeutic relationship. A skills component is also included. *Prerequisite: PSYC 1100 or PSYC 1200.*

**PSYC 4200 Learning and Memory..... 3**  
This course provides a basic overview of the principles, theories, and applications of learning and memory. We will cover basic research, theory, and applications in human learning, memory, information processing, verbal learning, conditioning, and social learning. The knowledge you take away from this course will be useful to you in a wide variety of settings—not only psychology but also in your own personal and professional worlds. *Prerequisite: PSYC 1100 or PSYC 1200.*

**PSYC 4210 Physiological Psychology..... 3**  
Explores the physiological, biological, and anatomical mechanisms responsible for behavior. *Prerequisites: PSYC 1100 or PSYC 1200, sophomore standing or above.*

**PSYC 4400 Senior Seminar ..... 3**  
Examines the themes of authenticity, self-actualization, and the application of psychological theory in order to explore major Christian worldview questions (what is success in life, how do I become more Christ like, etc.). *Prerequisites: PSYC 2300 and PSYC 3110, junior standing or above, or consent of the instructor.*

## **Sociology (SOCI)**

**SOCI 1100 Introduction to Sociology ..... 3**  
This course deals with the general nature and principles of sociology. Special attention is given to the ecological, cultural, and psychosocial forces; and to outstanding social groups; to changing personality under the influences that play upon it through group processes.

**SOCI 1200 Marriage and Family .....3**  
A study of relationships with the opposite sex from first meeting through marriage, having and rearing a family, and divorce and remarriage. Current American norms and Christian principles for marriage and family life are examined.

**SOCI 1300 Social Problems.....3**  
An analysis of the major social problems of contemporary society resulting from technological and social change, population pressure and resources, urbanization, poverty, minority groups with special reference to the black conflicts regarding social values and goals, and social disorganization as related to the family, economic, religious and other institutional relationships. *Prerequisite: SOCI 1100 or consent of professor.*

**SOCI 2080 Special Topics in Sociology (Lower-Level) ..... 1-3**  
This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**SOCI 2100 Social Welfare and Social Services .....3**  
This course is a survey of the history and philosophy of social welfare and the values and practice of social services as a profession.

**SOCI 4110 Counseling Adolescents and Families .....3**  
This course examines several of the major theories of counseling families. Working with adolescents within the context of their families will be given special consideration. The skills of counseling adolescents and families will also be emphasized. *Prerequisite: PSYC 1100 or PSYC 1200*

**SOCI 4080 Special Topics..... 1-3**  
This course will provide students and faculty the opportunity to participate in examining current issues or specialized topics within the discipline. Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. A student can repeat for up to six hours of credit.

**SOCI 4081 Directed Study and Research..... 1-3**  
Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

**SOCI 4200 Human Sexuality .....3**  
A study of the historical, physiological, interpersonal, spiritual and health aspects of human sexual behavior within a Christian framework. Consideration is given to contemporary social issues including harassment, abuse, rape, homosexuality, and commercial sex. *Prerequisites: SOCI 1200 and junior or senior standing in the major.*

## Spanish (SPAN)

Students with two or more years of high school Spanish must take a placement exam in order to enroll in a language course for credit. Language courses must be taken in sequence since, with the exception of the first course in the sequence, each language course has a prerequisite. Students may not register for the intermediate level without either placing into it by examination or first completing the elementary sequence successfully.

Students who enroll in the elementary or intermediate language sequences are strongly encouraged to take them in consecutive semesters with no time lapse between the courses in that sequence. In the event that a student's course of study should prevent that continuity, one semester is the maximum time lapse allowed for completing the second part of the sequence. A lapse of more than one semester, in most cases, will necessitate repeating the first part of the sequence unless the student can demonstrate competency in the skills required. Native speakers who wish to take Spanish for credit may not enroll in any course below the 3000-level.

### **SPAN 1111 Elementary Spanish I..... 3**

This course will begin developing the four communicative Spanish language skills (listening, speaking, reading, and writing). Emphasis will be placed on fundamentals of grammar, vocabulary, and pronunciation. Contact with Hispanic cultures will be incorporated. This course includes a lab component. *Grade of C needed to progress to SPAN 1112.*

### **SPAN 1112 Elementary Spanish II..... 3**

This course continues the development of listening, speaking, reading, and writing in Spanish. Emphasis will be placed on fundamentals of grammar, vocabulary, pronunciation and composition. This course will provide increased contact with and appreciation for the diversity of Hispanic cultures. This course includes a lab component. *Grade of C needed to progress to SPAN 2111. Prerequisite: SPAN 1111 or placement test.*

### **SPAN 2080 Special Topics in Spanish (Lower Level) ..... 1-3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

### **SPAN 2111 Intermediate Spanish I ..... 3**

This course involves intensive work developing Spanish communicative skills (Listening, Speaking, Reading, and Writing). Students will develop their appreciation for the diversities of the Hispanic cultures and civilization. Emphasis will be placed on grammar, vocabulary, composition and conversation. This course includes a lab component. *Grade of C needed to move to SPAN 2112. Prerequisite: SPAN 1112 or placement test.*

### **SPAN 2112 Intermediate Spanish II..... 3**

This course continues intensive work developing Spanish communicative skills (Listening, Speaking, Reading and Writing) and the study of Hispanic cultures and civilization. Emphasis is

placed on grammar, vocabulary, compositions, conversation, and in the presentational mode of communication. This course includes a lab component. *Grade of C needed to move to 3000-level Spanish courses. Prerequisite: SPAN 2111 or placement test.*

### **SPAN 3111 Advanced Conversation and Composition I.....3**

This course provides a detailed study of the fundamentals of Spanish usage, oral and written. In training the correct pronunciation, we stress conversation and composition based on practical subject matter of everyday life in Spain, and Spanish-American countries, and the Hispanics in the U.S. *Prerequisites: SPAN 2111, SPAN 2112 or equivalent. Note: recommend taking this course first, because in the second semester (SPAN 3112), the vocabulary and grammar continue to a higher level of difficulty. (Offered by department discretion.)*

### **SPAN 3112 Advanced Conversation and Composition II.....3**

In this course, we will continue, to a higher level of difficulty, a detailed study of the fundamentals of Spanish usage, oral and written: Subjunctive, if clauses, passive voice, tenses sequence, etc. Students can expand their vocabulary by reading and discussions of topics on the history and culture of Latin America and Spain. We base conversations and compositions on practical subject matter of everyday life in Spain, and Spanish-American countries, and the Hispanics in the U.S. *Prerequisites: SPAN 2111, SPAN 2112 or equivalent. (Offered by department discretion.)*

### **SPAN 3211 Selected Readings in Spanish Literature .....3**

Class and readings will be in Spanish using literature from Spain. *Prerequisites: SPAN 2111, SPAN 2112 or equivalent. (Offered alternate years with SPAN 3111, 3112.)*

### **SPAN 3212 Selected Readings in Latin American Literature ..3**

Class and readings will be in Spanish using literature from Latin America. *Prerequisites: SPAN 2111, SPAN 2112 or equivalent. (Offered alternate years with SPAN 3111, 3112.)*

### **SPAN 4080 Special Topics in Spanish (Upper Level) ..... 1-3**

This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

### **SPAN 4081 Directed Study and Research ..... 1-3**

Students may Choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies from 1-3 hours although a student can repeat for up to six hours of credit. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required.*

## Theatre (THEA)

### **THEA 3303 Voice/Movement .....3**

This course is designed to introduce movement as language while also working with the production of sound and allows the students to investigate the interconnectedness of thought and feeling issued through the language of the body and the sound of our voice.

**THEA 2501 Stagecraft** ..... 3  
A studio course designed to familiarize students with the basic skills of one or more of the following stage technologies: lighting, sound, makeup, costume, set construction, and publicity. *Prerequisite: Consent of instructor.*

**THEA 3071 Theatre Practicum** ..... 1-3  
Designed for the student who is interested in a time-or-labor intensive study in the field of theatre such as, but not limited to, directing a main stage production or starring in a one-person, full-length play; stage managing a production; technical and/or costume design; and research project or community outreach program. *Prerequisites: INDS 3610, ENGL 1112, THEA 2301, THEA 2501, THEA 3401 with a minimum grade of C and/or consent of professor.*

**THEA 3111 Theatre Ensemble**..... 3  
Montreat College's touring theatre company, a small acting ensemble that offers the student practical application of basic acting skills and teamwork. The course culminates in performance opportunities within the College community as well as the church and community settings in the Asheville area. The course will introduce the student to theatre as ministry, both in philosophy and application. Course may be repeated. Three rehearsals each week. *Prerequisites: THEA 2301 and/or consent of instructor.*

**THEA 3501 Playwriting/Screenwriting** ..... 3  
This course covers the foundational elements of stage and/or film script writing: structure, character development, plot development and use of image. It will also develop the use of the imagination and address how to utilize that effectively with the discipline of writing well. Semester will conclude with staged readings of the students' final scenes.

## Theology (THEO)

**THEO 2410 Christian Doctrine**..... 3  
A basic study of the major doctrines of the Christian faith and their application to contemporary thought and life. Includes studies in revelation, authority, the existence and nature of God, the person and work of Christ, the Holy Spirit, the Church, man, and Christian ethics. (*Offered fall semester, even years.*)

**THEO 3421 Contemporary Theologies** ..... 3  
This course will survey several contemporary approaches to theology, including liberation theology, process theology, feminist theology, openness of God theology, Asian theology, Black theology, and other 20th century approaches. Each approach will be understood on its own terms through reading its major proponents. An honest evaluation of each approach will be undertaken through the use of biblical and doctrinal theology. Recommended: THEO 2410. (*Offered spring semesters, odd years.*)

## Worship Arts (WOAR)

**WOAR 1901 Worship Arts Survey I** ..... 3  
This course establishes the student in the biblical and theological foundations of Christian worship and then provides an overview of the history of Christian worship.

**WOAR 1902 Worship Arts Survey II** .....3  
This course focuses on the role of music and the other non-musical arts (architecture, visual arts, drama, speech, dance, movement, and media) in worship. A thorough discussion of the worship style models that dominate and shape the 21st century American church will be included.

**WOAR 2080 Special Topics in Worship Arts (Lower Level)** 1-3  
This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. (*Offered by department discretion.*)

**WOAR 3071 Worship Arts Practicum I** ..... 2  
This course is the first of two semesters during which the student is taken under wing by a local professional in the field of worship ministry and volunteers as an intern. The student will be monitored and observed by faculty on site. *Prerequisite: INDS 3610, WOAR 1901, WOAR 1902, WOAR 3902, MUSC 3461, WOAR 4961, WOAR 4962.*

**WOAR 3072 Worship Arts Practicum II** ..... 2  
This course is the second of two semesters during which the student is taken under wing by a local professional in the field of worship ministry and volunteers as an intern. The student will be monitored and observed by faculty on site. *Prerequisite: INDS 3610, WOAR 1901, WOAR 1902, WOAR 3902, MUSC 3461, WOAR 4961, WOAR 4962, and WOAR 3071.*

**WOAR 3902 Worship Arts Resources** .....3  
This upper-level course emphasizes resources and techniques of the worship planner and worship leader. *Prerequisites: WOAR 1901 and WOAR 1902.*

**WOAR 4080 Special Topics in Worship Arts (Upper Level)** 1-3  
This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. (*Offered by department discretion.*)

**WOAR 4081 Directed Study and Research**.....3  
Students may choose to participate in a directed study of their own choice contingent on faculty availability. Credit varies 1-3 hours. Repeatable for up to six hours of credit. *Prerequisite: Junior status and approval of department chair.*

**WOAR 4961 Worship Arts Seminar I** ..... 1  
Worship Arts Seminar I will provide students with a mentored and monitored laboratory environment where they will put their knowledge and resources to good work in preparing worship experiences/events for the Montreat community. *Prerequisites: WOAR 1901, WOAR 1902, WOAR 3902, MUSC 3461.*

**WOAR 4962 Worship Arts Seminar II** ..... 1  
 Worship Arts Seminar II will provide students with a mentored and monitored laboratory environment where they will put their knowledge and resources to good work in preparing worship experiences/events for the Montreat community. *Prerequisites: WOAR 1901, WOAR 1902, WOAR 3902, MUSC 3461, and WOAR 4961.*

**YMIN 4310 Youth Ministry Skills and Programming**.....3  
 This course deals with advance skills necessary for effective youth and family ministry programming. Retreat planning, coordination of mission trips, and working with family-based youth ministry organizations will be considered. *Prerequisite: Junior standing or consent of department chair. (Offered fall semester, even years.)*

**Youth and Family (YMIN)**

**YMIN 2080 Special Topics in Youth and Family (Lower Level)** ..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at a lower-level of study (appropriate for freshmen or sophomore academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**YMIN 3210 Ministry to Children** ..... 3  
 A survey of the spiritual, mental, emotional, and social needs of the child and an examination of the Church's and para-church's role in addressing these needs. Issues related to schooling choices, pedagogical theory, curriculum resources, and administration of programs for children will be examined. *(Offered spring semesters, even years.)*

**YMIN 4071 Internship** ..... 3-6  
 Intensive, quality, structured learning opportunities that immerses students in appropriate professional contexts. Supervision of the internship is a shared responsibility between the faculty advisor and on-site supervisor. This course may be repeated in various intervals with six hours needed to satisfy degree requirements. *Prerequisite: Completed contract with signature from the student's advisor and department chair or designee, as well as INDS 3610. (Offered by department discretion.)*

**YMIN 4080 Special Topics in Youth and Family (Upper Level)** ..... 1-3  
 This course will provide students and faculty the opportunity to examine current issues or specialized topics within the discipline at an upper-level of study (appropriate for junior or senior academic experience). Topics will be determined by the department. Class will meet 15 hours for each hour of credit offered. Repeatable for different topics. *(Offered by department discretion.)*

**YMIN 4081 Directed Study and Research** ..... 3  
 Students may replace a 3000 or 4000 level course in the concentration by participating in a directed study of their choice. This requires they formulate a research question related to youth and family ministry, conduct appropriate research in line with professional methodology, write a well-developed essay, and defend their research before the primary YM Instructor and another agreed upon faculty member. Contingent on faculty availability. *Prerequisite: Junior status or above. A career GPA of 2.5 and approval of the department chair is required. (Offered by department discretion.)*

# Appendices

## Appendix A – Directories

### Board of Trustees

Dr. David Bruce .....	Montreat, NC
Mr. Matthew C. Burrell .....	Fletcher, NC
Mr. Charles T. Davidson .....	Charlotte, NC
Ms. Hazel C. Eford .....	Wilmington, NC; Montreat, NC
Mrs. Leila N. Erwin .....	Morganton, NC
Ms. Katherine A. Gant .....	Burlington, NC
Mr. Edward Graham .....	Boone, NC
Dr. Jeffrey E. Heck .....	Mills River, NC
Mr. Michael T. Johnson .....	Charlotte, NC
Mr. Ned J. Kiser .....	Lake Lure, NC
Amb. Phil Kosnett .....	Black Mountain, NC
Mr. Bob Klepper .....	Asheville, NC
Rev. Dr. George K. Logan .....	Morganton, NC
Mr. Richard Milam .....	Orlando, FL; Burnsville, NC
Mr. James L. Moore, Jr. ....	Charlotte, NC
Mr. Roger A. Oxendale .....	Nebo, NC
Mr. William H. Shipley .....	Charlotte, NC
Mrs. Suzanne R. Sloan .....	Black Mountain, NC
Rev. Dr. Mark Toone .....	Gig Harbor, WA
Ms. Lynne P. Veerman .....	Orlando, FL

### Trustees Emeriti

Ms. Rose Ann Gant .....	Burlington, NC
Mrs. Helen L. Lancaster .....	Bellaire, TX
Dr. Matthew McGowan .....	Gainesville, GA
Dr. Chuck M. Zeiser .....	Signal Mountain, TN
Mr. Billy Mitchell .....	Atlanta, GA

## Administrative Officers and Cabinet

2022-23

<b>Paul J. Maurer (2014)</b> .....	<b>President</b>
B.A., University of Cincinnati; M.Div., Gordon-Conwell Theological Seminary; Ph.D., Claremont Graduate University	
<b>David Poole (2020)</b> .....	<b>Vice President for Adult and Graduate Studies</b>
B.A., Pepperdine University; M.S., Pepperdine University; Ed.D., California State University Fullerton	
<b>Mark Hijleh (2021)</b> .....	<b>Vice President for Academic Affairs</b>
B.S., William Jewell College; M.M., Ithaca College; M.A., University of Sheffield (UK); D.M.A., Johns Hopkins University	
<b>Daniel T. Bennett (2006)</b> .....	<b>Vice President for Student Life and Dean of Students</b>
B.A., Biola University; M.A., Wheaton College; Ph.D., Clemson University	
<b>John Beaghan (2022)</b> .....	<b>Vice President for Finance and Administration</b>
B.B.A., University of Michigan; MBA, Eastern Michigan University; CMA, Institute of Management Accountants	
<b>Brian Guengerich (2018)</b> .....	<b>Vice President of Advancement</b>
B.S., Montreat College	

- Jose G. Larios (2014)** ..... **Vice President for Enrollment Management and Athletics**  
 B.A., Warner University
- Sara Baughman (2018)** ..... **Vice President for Marketing and Communications**  
 B.A., Dordt College

## Full Time Faculty

- Auman, Kevin C. (2008) ..... Associate Professor of Music  
 B.A., Montreat College; M.A., University of North Carolina at Greensboro
- Blanton, P. Gregory (1997) ..... Professor of Psychology and Human Services  
 B.S., Evangel College; M.Ed., Converse College; M.Ed., Clemson University; Ed.D. East Texas State University
- Bovell, Lesley-Ann ..... Assistant Professor of Speech Language Pathology  
 B.S., Andrews University; M.E., Valdosta State University; Ed.D., Grand Canyon University
- Brandenburg, Benjamin B. (2014) ..... Assistant Professor of History  
 B.A., Northwestern College; A.B.D., Temple University
- Brown, Anna (2022) ..... Visiting Professor of Psychology & Human Services  
 B.A., Asbury University; M.A., Asbury Theological Seminary
- Buchwald, Peter F. (2018) ..... Assistant Professor of Music Business  
 B.M., University of North Texas; M.S., University of Colorado Denver
- Burgin, Kelli (2015) ..... Assistant Professor of Cybersecurity  
 B.A., University of Northern Iowa; M.S. Bellevue University
- Cockerham, James M. (2021) ..... Assistant Professor of Public Administration  
 B.S., Florida State University; M.P.A., Florida State University, Ph.D., Florida State University
- Dukas, Stephen P. (2009) ..... Associate Professor of Business  
 B.S., Florida State University; Ph. D., Florida State University
- Fegley, Tate (2022) ..... Assistant Professor of Business and Economics  
 B.A., Boise State University; M.A., Boise State University; M.A., George Mason University; Ph.D., George Mason University
- Flagler, Amy (2022) ..... Visiting Assistant Professor of Education  
 B.A., Simmons College; M.A., Simmons College
- Foran, Scott (2022) ..... Visiting Assistant Professor of English  
 B.A., Simpson University; M.A., California State University – Chico; M.A./Ph.D., Pacifica Graduate Institute
- Forstchen, William R. (1993) ..... Professor of History, Faculty Fellow  
 B.A., Rider College; M.A., Ph.D., Purdue University
- Fraday, Stephanie (2022) ..... Assistant Professor, Resource Outreach Librarian  
 B.A., University of North Carolina-Asheville; MLS, North Carolina Central University
- Gratton, Paul C. (2017) ..... Associate Dean for Adult and Graduate Studies, Assistant Professor of Business  
 B.S., Iowa State University; M.P.A., Drake University; D.B.A., George Fox University
- Hijleh, Mark (2021) ..... Vice President for Academic Affairs, Professor of Music  
 B.S., William Jewell College; M.M., Ithaca College; M.A., University of Sheffield (UK); D.M.A., Johns Hopkins University
- Holbrook, Joshua D. (2017) ..... Assistant Professor of Environmental Science  
 B.S., Palm Beach Atlantic University; M.S., Florida Atlantic University
- Hunter, Mark (2022) ..... Associate Professor of Psychology; Associate Dean of Academic Affairs; Chair, Studies in Psychology  
 B.A., Western Kentucky University; M.A., East Tennessee State University; M.Div., Samford University; Ph.D., University of Alabama
- Hylledig, Lorna C. (2021) ..... Assistant Professor of Public Health  
 B.A., Brookly College; M.S., University Massachusetts; M.E., Columbia University Teachers College; Ed.D., Columbia University Teachers College
- Junqueira, M. Issabell Cavalcanti (2020) ..... Assistant Professor of Business  
 B.S., University of Texas; M.S., École Supérieure de Commerce De Dijon/Burgundy School of Business; Ph.D., Lancaster University, UK
- King, Don W. (1974) ..... Professor of English, Faculty Fellow  
 B.A., Virginia Polytechnic Institute; M.A., Southern Illinois University; Ph.D., University of North Carolina at Greensboro
- King, Nathan (2013) ..... Associate Professor, Director of the L. Nelson Bell Library  
 B.A., Montreat College; M.A., East Carolina University; M.L.S., North Carolina Central University

Lassiter, Mark T. (1992) ..... Professor of Biology, Chemistry & Environmental Science  
 B.S., M.A., College of William and Mary; Ph.D., North Carolina State University

Lippard, Ashley (2022) ..... Assistant Professor of Visual Communication and Design  
 B.F.A., School of the Art Institute of Chicago; M.F.A, Miami University Ohio

Martin, Joseph (2016)..... Associate Professor of Communication  
 B.A., George Mason University; M.A., Ph.D., Regent University

Melchionna, Maddison (2022)..... Assistant Professor of Natural Science  
 B.S., University of Tennessee – Chattanooga; Ph.D. University of Tennessee – Knoxville

Neuzil, Linda (2015) ..... Associate Professor, Director of Teacher Education  
 B.A., Judson University; M.Ed., National-Louis University; Ed.D., Northern Illinois University

Owen, Paul L. (2001) ..... Professor of Bible and Ministry  
 B.A., Life Pacific College; M.A., Talbot School of Theology, Biola University; Ph.D., University of Edinburgh

Patterson, I-Eesha D. (2018) ..... Assistant Dean of Distance Learning, Assistant Professor  
 B.A., University of North Carolina, Charlotte; M.S., Pfeiffer University; J.D., Massachusetts School of Law

Perry, Jackie (2022) ..... Assistant Professor of Clinical Mental Health  
 B.S., Duke University; M.S., Georgia State University; Ph.D., Regent University

Poole, David (2020) ..... Vice President for Adult and Graduate Studies; Professor of Leadership and Management  
 B.A., Pepperdine University; M.S., Pepperdine University; Ed.D., California State University Fullerton

Pope, John N. (2016) ..... Associate Professor of Counselor Education  
 B.A., Stetson University; M.Div., Columbia Theological Seminary; Ph.D., Texas A&M University – Corpus Christi

Powell, John N. (2005) ..... Professor of Business  
 B.S., Mars Hill University; M.B.A., Western Carolina University; D.B.A., Argosy University

Rhone, Zachary (2022) ..... Assistant Professor of English  
 B.A., Houghton College; M.A., Indiana University of Pennsylvania; Ph.D., Indiana University of Pennsylvania

Roth, Robert W. (2019)..... Associate Professor of Criminal Justice  
 B.A., Bloomsburg University; M.S., West Chester University; Ed.D., Liberty University

Sayadian, Gregory (2018) ..... Assistant Professor of Cybersecurity  
 B.S., West Virginia University; M.S., The George Washington University

Schneeberger, Brandon (2022) ..... Assistant Professor of English  
 B.S., Emporia State University; M.A. Kansas State University; Ph.D., University of Nevada

Shook, Dwight (2021) ..... Visiting Assistant Professor of Business  
 B.S., Gardner-Webb University; MIB, Gardner-Webb University

Shuman, Dorothea K. (1996) ..... Professor of Outdoor Recreation Studies  
 B.S.Ed., State University College at Cortland; M.S., Pennsylvania State University; Ph.D., University of Idaho

Simmons, Shalon (2021) ..... Assistant Professor of Cybersecurity  
 B.S., Oklahoma State University; M.S., Oklahoma State University; M.S., Oklahoma City University Meinders School of Business; MBA,  
 Oklahoma City University Meinders School of Business

Simms, Whitney Y. (2022) ..... Director of the Team and Leadership Center and Instructor of Outdoor Recreation Studies  
 B.S., North Greenville University

Sosler, Alex G. (2018) ..... Faculty Athletics Representative, Assistant Professor of Bible and Ministry  
 B.A., Southern Evangelical Bible College; M.Div., Ed.D., Southern Baptist Theological Seminary

Spencer, Jared N. (2017) ..... Assistant Professor of Chemistry  
 B.S., Campbell University; Ph.D., Virginia Polytechnic Institute and State University

Talsma, Katie R. (2019) ..... Assistant Professor of Music  
 B.A., Dordt College; M.A., California State University

Thomas, Theresa (2022) ..... Assistant Professor of Psychology and Human Services  
 B.A., University of Louisiana at Monroe; M.S. Lamar University; Ph.D., University of Louisiana at Monroe

Tippey, James E. (2017) ..... Assistant Professor of Cybersecurity  
 B.A., Greenville College; M. Div., Asbury Theological Seminary; M.S., Norwich University

Toland, Lisa (2016) ..... Professor of History, Director of Honors Program  
 B.A., Indiana Wesleyan University; M.A., Miami University of Ohio; M. St., D.Phil., University of Oxford, Jesus College

Toone, Rachel M. (2018)	Dean of Spiritual Formation
B.A., Whitworth University; M.Div., Gordon-Conwell Theological Seminary	
Walbolt, Jarrett (2021)	Assistant Professor of Exercise Science
B.A., Bethel College	
Webb, Robby (2015)	Assistant Professor of Mathematics
B.A., University of North Carolina, Asheville; M.A., Western Carolina University	
Wells, Mark A. (2006)	Professor of Bible and Ministry
B.A., Friends University; M.A., Fuller Theological Seminary; Ph.D., Baylor University	
Wisner, Marie (2017)	Associate Dean for Learning, Calling, and Career
B.A., M.A., Bethel College; Ph.D., Azusa Pacific University	
Yoder, Peter (2021)	Assistant Professor of Honors and History
B.A., Religion/Philosophy, High Point University; M.A.T.S., Reformed Theological Seminary; Ph.D., University of Iowa	
York, Robyn M. (2018)	Assistant Professor of Exercise Science
B.S., California State University-Fullerton; M.S., The Pennsylvania State University; Ed.D., Walden University	
Zwart, Ryan T. (2020)	Assistant Professor of Outdoor Recreation Studies
B.S., Calvin College; M.S., A.B.D., Indiana University	

## Faculty Emeriti

Lloyd Davis	Professor Emeritus of Mathematics and Physics
B.A., M.A., Miami University, Ohio	
Richardson K. Gray	Professor Emeritus of English
B.A., Malone College; M.A., Ph.D., Ohio University	
Charles A. Lance	Administrator Emeritus
A.S., Montreat College; B.S., Florida State University; M.A.Ed., East Carolina State University	
Issac B. Owolabi	Professor Emeritus of Business
B.S., M.S., University of Wisconsin; Ph.D., University of Minnesota	
Elizabeth R. Pearson	Faculty Emerita
B.S., University of North Carolina at Greensboro; M.S.L.S., University of North Carolina at Chapel Hill	

## Administrative and Professional Staff

### School of Arts and Sciences

Lisa Auman	Wedding Services Coordinator
Sheila Austin	Administrative Assistant for Carolina Cyber Center
Nan Barker	Night and Weekend Library Assistant
Deborah Beck	Associate Director of Student Financial Services
Jason Beck	Head Baseball Coach/ Associate Athletic Director
Elena Binder	Accounts & Process Coordinator
Ashley Bond	Assistant Director of Marketing & Communications/Special Events Coordinator
Timothy Britt	Head Wrestling Coach
Michael Bruce	Head Men's Soccer Coach
Andrew Buckwalter	Admissions Counselor
Kristine Buckwalter	Director of Advancement Services
Laura Buckwalter	Admissions Event/Visit/Conference Service Coordinator
Krystal Burnette	Assistant Woman's Basketball Coach
Claudiu Bursuc	Security Officer
Loren Caldwell	Area Coordinator for Anderson/McGregor Halls
Lauren Cannon	Circulation Desk Assistant
Brittany Caudill	Staff Accountant
Erin Chapman	Director of Admissions
Stephanie Connelly	Assistant Registrar
Wesley Davis	Director of Counseling Services
Adam DeKleine	Videographer and Photographer
Thomas Dellinger	Assistant Athletic Trainer

Melissa DeVore.....	Help Desk Administrator
Andre Dinca.....	Admissions Counselor
Josh Dockery.....	Security Officer
Devonte Dowell.....	Cybersecurity Teaching Assistant for Carolina Cyber Center
Jared Drayton.....	Game Management/ Athletic Operations Manager
Teffany Edwards.....	Staff Accountant
Kristin Eggert.....	Head Women's Soccer Coach
Karen Eilers.....	Career Development Specialist
Jason Elledge.....	Grants Manager
Karrigan Falber.....	Assistant Women's Soccer Coach
Tom Flynn.....	Director of Lacrosse/ Head Women's Lacrosse Coach
Samantha Northey.....	Alumni & Parent Relations Coordinator
Catherine Gordon.....	Resident Director for Ridgecrest
Kayla Grubbs.....	Administrative Assistant for Student Life
Alesha Haley.....	Senior Graphic Designer
Paul Hawkinson.....	Director of Technology
Bill Hensley.....	Director of Campus Safety
Chester Hightower.....	Head Men's and Women's Track and Field Coach
Kevin Hogan.....	Area Coordinator (RD) and Student Life Assistant for Davis Hall
Grace Hubbard.....	Admissions Office Data Coordinator
Jeremy Hurse.....	Director of Student Financial Services
Jenna Hunter.....	Executive Assistant to the President
Hawley III.....	Assistant Softball Coach
Christopher Intoppa.....	Sports Information Director
Danielle Johnson.....	Head Cheer & Dance Coach
Garrett Jones.....	Basketball-Head Men's Coach/Eligibility Coordinator
Daniel Kehler.....	Head Golf Coach
Mickie Kelly.....	Payroll and Benefits Manager/Title IX Coordinator
Timothy Lanning.....	Assistant Baseball Coach
Carly Lee.....	Bookstore and Document Center Manager
Larry Lensmith.....	Database Administrator
Jason Lewkowicz.....	Director of Track and Field/Cross Country
Michelle Lucia-Ingle.....	Certification Specialist
Carey Loftis.....	Business Office Administrator
Keith Lohmuller.....	Head Men's Lacrosse Coach
Jacob Lovejoy.....	Admissions Office Coordinator and Data Coordinator
Tonia Lyon.....	Special Assistant to the President, Charlotte
Norman Manning.....	Assistant Wrestling Coach
Elizabeth Maslin.....	Director of Critical Thinking
Heather Maston.....	Head Softball Coach/Associate Director of Athletics
MacKenzie May.....	Student Financial Services Counselor
Ben McCrickard.....	Assistant Men's Basketball Coach
Griffin McKesson.....	Area Coordinator for Howerton and Lookout Lodge
Allison Merrell.....	Honors Program Coordinator / Resident Director for Honors Housing
Fred Miller.....	Registrar
Mic Moore.....	Head Tennis Coach
Daniel Mount.....	Web Communications Specialist
Britten Olinger.....	Assistant Track and Field Coach
Tammy Phagan.....	Administrative Assistant to the VP for Academic Affairs and the VP of Student Life
John Powell.....	Head Clay Target Shooting Coach
Michelle Pupoh.....	Marketing & Sales Analyst
Riki Rendon-Habana.....	Information Technology Support Specialist
Ashley Rhymer.....	Academic Support Specialist
Emily Robinson.....	Head Cheer & Dance Coach
Michelle Rogers.....	Director of Health Services/Campus Nurse
Riley Sanders.....	Assistant Athletic Trainer
Jason Scott.....	Assistant Track and Field Coach
Dwight Shook.....	Shuttle Driver
Erin Stewart.....	Records Specialist
Joseph Stewart.....	Director of Community Life / Assistant Dean of Students
Trisha Swart.....	Admissions and Enrollment Specialist
Rachel Toone.....	Dean of Spiritual Formation
Patricia Wagner.....	Shuttle Driver
Kathleen Walden.....	Housing Coordinator

Steven Walden ..... Student Financial Services Counselor  
 Audrey Weaver ..... Accounts Payable Specialist  
 Corbin Weeks ..... Baseball Assistant Coach  
 Grace Whittington ..... Coordinator for Marketing & Communications  
 Joshua Wilcox ..... Systems Administrator  
 Marie Wisner ..... Associate Dean for Calling & Career  
 Larry Young ..... Executive Director Carolina Cyber Center  
 Christian Zylstra ..... Assistant Sports Information Director

**School of Adult and Graduate Studies**

Elizabeth Boling ..... One Stop Advisor  
 Matthew Engheta ..... One Stop Advisor  
 Janice Gibson ..... Assistant Director of AGS Admissions  
 Victoria Grining ..... Transcript and Records Specialist  
 Cindy Kirkland ..... Associate Registrar and Director of Academic Advising  
 Anna O'Donnell ..... Enrollment Counselor  
 Jim Paden ..... Director of Admissions and AGS Marketing  
 Flora Roberson ..... Blackboard Administrator

## Appendix B – Tuition, Room, Board, and Fees

Full-Time Tuition, Room, Board, and Fees	Fall or Spring	Academic Year
Full-Time Tuition (12 to 18 credit hours)	\$15,125.00	\$30,250.00
Student Health Insurance	Fall \$895.00 Spring \$1245.00	\$2,140.00
General Student Fee (Technology, Wellness, Activity Fee)	\$137.50	\$275.00
<b>Off Campus Student Charges:</b>	<b>Fall \$16,157.50 Spring \$16,507.50</b>	<b>\$32,665.00</b>
Room – Double Occupancy	\$2,250.00	\$4,500.00
Board (includes Unlimited meals per week & \$275 Cavalier Cash)	\$2,902.50	\$5,805.00
Sales Tax on Board	\$182.50	\$365.00
<b>Residential Student Charges:</b>	<b>Fall \$21,492.50 Spring \$21,842.50</b>	<b>\$43,335.00</b>
Housing Options and Amenities	Fall or Spring	Academic Year
Ridgecrest Housing	\$1935.00	\$4,500.00
Webbwood Apartments	\$3,105.00	\$6,210.00
RCA House	\$3,150.00	\$6,300.00
Lookout Lodge	\$2,150.00	\$4,500.00
Sylvan Lodge	\$2,150.00	\$4,500.00
Balsam Lodge	\$2,150.00	\$4,500.00
Private Room	\$3,393.00	\$7,100.00
Triple Room	\$1,720.00	\$3,600.00
Campus Laundry and LaundryView™	No Charge	No Charge
High Speed Internet and Email Account	No Charge	No Charge
Local Phone Service and Extended Basic Cable Television	No Charge	No Charge
Other Charges and Fees		
Off-Campus Commuter Fee (Redeemable in Cavalier Cash)	Per Semester	\$85.00
10 Meal Plan (10 meals per week & \$275 Cavalier Cash)	Per Semester	\$1,822.00
Tax on 10-Meal Plan	Per Semester	\$106.54
15 Meal Plan (15 meals per week & \$275 Cavalier Cash)	Per Semester	\$2,426.00
Tax on 15 Meal Plan	Per Semester	\$148.82
Part-Time Tuition (Fall or Spring semester: less than 12 credit hours per semester, including Adult program courses)	Per Credit Hour	\$775.00
Tuition Overload (credit hours over 18, including Adult program courses)	Per Credit Hour	\$470.00
CBA/Directed Study Tuition (Summer only)	Per Credit Hour	\$470.00
Other Charges and Fees (continued)		
Internship/Practicum for Part-Time Students (Summer only)	Per Credit Hour	\$470.00
May Term/Summer Tuition (includes Adult program courses)	Per Credit Hour	\$470.00
Audit Fee (Undergraduate Courses)	Per Course	\$100.00
Dual Enrollment Fee (up to 12 credits)	Per Credit Hour	\$100.00
New Student Deposit (nonrefundable, applied to first semester charges)		\$150.00
Montreat Campus Gold Parking Fee		\$275.00
Montreat Campus Silver Parking Fee		\$225.00
Montreat Campus Blue Parking Fee		\$175.00
Graduation Fee		\$100.00
Late Payment Fee (for balance due after Check-In Day)		\$50.00
Delinquent Payment Fee (for balance still due after first week of class)		\$100.00

Late Check-In Fee (missed Check-In Day without prior approval)	\$50.00
Returned Check Fee	\$25.00
Student ID Card Replacement	\$25.00
Mailbox Key Replacement	\$10.00
Athletic Participation Fee – Annual	\$125.00
Transcript Fee	\$10.00
Electronic Transcript Fee	\$9.00

<b>Special Instructional Fees (in addition to tuition)</b>		
ARTS 2311/3312/3510 - Art Materials: Drawing/Sculpture	Per Course	\$30.00
ARTS 3410 – Art Materials: Painting	Per Course	\$100.00
BIBL 3351 – Biblical Studies Abroad	Per Course	\$4250.00
BIOL 1101/1102/1103/1104 – Biology Lab	Per Course	\$25.00
BIOL 2201 – Human Anatomy & Physiology 1 Lab	Per Course	\$25.00
BIOL 2202 – Human Anatomy & Physiology 2 Lab	Per Course	\$25.00
CHEM 1101 – General Chemistry 1 Lab	Per Course	\$30.00
CHEM 1102 – General Chemistry 2 Lab	Per Course	\$30.00
CHEM 3201 – Organic Chemistry 1 Lab	Per Course	\$20.00
CHEM 3202 – Organic Chemistry 2 Lab	Per Course	\$20.00
CYBR 1101 – Computer Lab Equipment	Per Course	\$250.00
CYBR 1121 – Intro to Computer Operating Systems	Per Course	\$45.00
CYBR 1131 – Computer Competency Exam 1	Per Course	\$100.00
CYBR 2122 – Linux Operating System & Security	Per Course	\$60.00
CYBR 2222 – Network Defense	Per Course	\$70.00
CYBR 2334 – Introduction to Digital Forensics	Per Course	\$35.00
CYBR 3313 – Certification Study and Preparation-Course/Testing	Per Course	\$250.00
CYBR 4541 – Introduction to Penetration Testing	Per Course	\$70.00
EDUC 1210 – Technology In Education	Per Course	\$45.00
EDUC 3511 – Seminar 1: Education in NC	Per Course	\$350.00
EDUC 4513 – Seminar 3: Issues In Education	Per Course	\$300.00
EDUC 4521 – Student Teaching 1	Per Course	\$100.00
EDUC 4522 – Student Teaching 2	Per Course	\$200.00
EDUC 4532 – Extended Field Experience 2	Per Course	\$200.00
EDUC Course Students - LAT License	Per Semester	\$30.00
ENSC 1102 – Introduction Environment Science Lab	Per Course	\$35.00
ENGL 4080 – C.S. Lewis Special Studies Oxford Trip	Per Course	\$2,600.00
ENSC 3511 – American Ecosystems	Per Course	\$2,000.00
ENSC 3611 – Tropical Ecology	Per Course	\$3,100.00
EXSC 1221 – Heartsaver First Aid w/ CPR and AED	Per Course	\$40.00
EXSC 3071 – Practicum	Per Course	\$50.00
EXSC 3422 – Exercise Testing & Measurements Equipment	Per Course	\$100.00
EXSC 3424 – Exercise Prescription	Per Course	\$300.00
ENSC 4610 – Apalachicola Lowland Ecosystem Field Studies	Per Course	\$300.00
ENSC 4610 – Cherokee Field Studies	Per Course	\$150.00
ENSC 4610 – Coastal Ecosystems Field Studies	Per Course	\$250.00
ENSC 4610 – Grandfather Mountain Field Studies	Per Course	\$25.00

ENSC 4610 – Great Smoky Mountains Field Studies	Per Course	\$300.00
ENSC 4610 – Wetland Ecosystems Field Studies	Per Course	\$350.00
EXSC 4811 – Senior Seminar	Per Course	\$350.00
<b>Special Instructional Fees (continued)</b>		
MNST 4120 – Spiritual Formation & Faith Development	Per Course	\$75.00
MUSB 1131/3321 – Digital Sound Recording & Audio Production Techniques	Per Course	\$100.00
MUSB 1241/2251/3242 – Music Business Ensemble	Per Course	\$65.00
MUSB 2080 – Music Business City Tour	Per Course	\$300.00
MUSB 2411 – Music Studio Recording	Per Course	\$335.00
MUSB 3331 – Midi and Sound Synthesis	Per Course	\$75.00
MUSB 4273 – Music Business Senior Immersion	Per Course	\$500.00
MUSC – Applied Music Lesson 1111/1112/1121/1122/1131/1132/1141/1142/1151/1152/1161/1162/1171/1172/1181/1182 2111/2112/2121/2122/2131/2132/2141/2142/2151/2152/2161/2162/2171/2172/2181/2182 3111/3112/3121/3122/3131/3132/3141/3142/3151/3152/3161/3162/3171/3172/3181/3182 4111/4112/4121/4122/4131/4132/4141/4142/4151/4152/4161/4162/4171/4172/4181/4182	Per Course	\$300.00
MUSC 1120 – Beginning Class: Piano	Per Course	\$75.00
MUSC 1140/1150/2140/2150 – Applied Music Group Lesson	Per Course	\$100.00
MUSC 1221/1231/1241/2251/3242 – Music Ensemble	Per Course	\$65.00
MUSC 1311/1312/2313/2314 – Gaither 22 Lab	Per Course	\$35.00
MUSC 2212 – Chamber Choir	Per Course	\$65.00
MUSC 3331 – Music Arranging Class	Per Course	\$75.00
OREC 1110 – Survey of Outdoor Education	Per Course	\$75.00
OREC 1120 – Facilitating OE Experiences	Per Course	\$75.00
OREC 1130 – Discovery	Per Course	\$1400.00
OREC 1241 – Challenge Course Facilitation	Per Course	\$150.00
OREC 1720 – Backpacking	Per Course	\$25.00
OREC 1731/1732 – Rock Climbing, Advanced Rock Climbing	Per Course	\$50.00
OREC 1741/1742 – Canoeing, Advanced Canoeing	Per Course	\$100.00
OREC 1751/1752 – Kayaking, Advanced Kayaking	Per Course	\$100.00
OREC 1761 – Downhill Skiing	Per Course	\$300.00
OREC 2211 – Wilderness First Aid	Per Course	\$150.00
OREC 2221 – Outdoor Living Skills	Per Course	\$150.00
OREC 3320 – Environmental Policy and Law	Per Course	\$150.00
OREC 4081 – Special Topics in Outdoor Education	Per Course	\$150.00
OREC 4212 – Wilderness First Responder	Per Course	\$240.00
OREC 4223 – Advanced Technical Skills	Per Course	\$300.00
YMIN 4120 – Spiritual Formation and Faith Development	Per Course	\$75.00
CCCU Program – off campus (Various)	Per Course	Variable
Special Interest Courses	Per Course	Variable

## Appendix C – Arts and Humanities Courses

Disc	Number(s)	Title	Hours
ARTS	1111	Survey of Art I	3
ARTS	1112	Survey of Art II	3
ARTS	1411	Introduction to Music	3
ARTS	2210	Principles of Design	3
ARTS	2311	Drawing I	3
ARTS	3312	Drawing II	3
ARTS	3410	Painting	3
ARTS	3510	Sculpture	3
ARTS	3610	Graphics & Photojournalism	3
ARTS	4081	Directed Study and Research	3
ARTS	4120	Exhibition	3
ARTS	4220	Seminar in Art Studio	3
COMM	3350	Photography and Digital Imaging	3
MUSB	2421	Sound for Film and Video Games	3
MUSC	1120	Beginning Class: Piano	2
MUSC	1241	Rock Ensemble	1
MUSC	1261	Pep Band	1
MUSC	1411	Intro to Music	3
MUSC	2251	Songwriting Ensemble	1
MUSC	2271	Chapel Worship Ensemble	1
MUSC	2431	Social History of Rock-n-Roll	3
MUSC	3242	Advanced Rock Ensemble	1
MUSC	4080	Special Topics in Music	1
MUSC	4081	Directed Study & Research	3
MUSC	4271	Choral Conducting I	2
MUSC	1111, 1112, 2111, 2112, 3111, 3112, 4111, 4112	Applied Voice	1
MUSC	1131	Intro to Music Production	3
MUSC	1141, 1142, 2141, 2142, 3141, 3142, 4141, 4142	Applied Organ	1
MUSC	1161, 1162, 2161, 2162, 3161, 3162, 4161, 4162	Applied Woodwinds	1
MUSC	1171, 1172, 2171, 2172, 3171, 3172, 4171, 4172	Applied Percussion	1
MUSC	1181, 1182, 2181, 2182, 3181, 3182, 4181, 4182	Applied Brass	1
MUSC	1191, 1192, 2191, 2192, 3191, 3192, 4191, 4192	Applied Synthesizer	1
MUSC	1211	Concert Choir	1
MUSC	1231	Instrumental Chamber Ensemble	1
MUSC	1311	Music Theory I	4
MUSC	1121, 1122, 2121, 2122, 3121, 3122, 4121, 4122	Applied Piano	1

MUSC	1131, 1132, 2131, 2132, 3131, 3132, 4131, 4132	Applied Guitar	1
MUSC	1151, 1152, 2151, 2152, 3151, 3152, 4151, 4152	Applied Strings	1
MUSC	3331	MIDI and Sound Synthesis	3
MUSC	3421	Survey of Musical Styles 1	3
THEA	2501	Stage Craft	3
THEA	3071	Theatre Practicum	3
THEA	3111	Theatre Ensemble	3
THEA	3501	Playwriting/Screenwriting	3

#### Humanities Courses

Disc	Number	Title	Hours
BIBL	2201	Old Testament Theology	3
BIBL	2202	New Testament Theology	3
BIBL	2308	Gospels	3
BIBL	2309	Epistles	3
BIBL	3302	Romans	3
BIBL	3303	Prophetic Literature of the Old Testament	3
BIBL	3305	Biblical Interpretation	3
BIBL	3308	Apocalyptic Literature	3
BIBL	3351	Biblical Studies Abroad	3
BIBL	4081	Directed Study and Research	1
BUSN	3502	Business Ethics	3
CHCU	2701	Foundations of Church & Culture	3
CHCU	3401	Theological Aesthetics and Beauty	3
CHCU	3506	World Religions	3
COMM	2080	Special Topics	3
COMM	2202	Self-Presentation for the Camera	3
COMM	2228	Media Ecology	3
COMM	2249	Digital Film Production I: Videography	3
COMM	2280	Special Topics in Communication	3
COMM	2347	Journalism I: News Writing & Reporting	3
COMM	2348	Journalism II: Sports Reporting, Feature Writing, and Reviewing	3
COMM	3318	Film History and Theory	3
COMM	3329	Digital Film Production II: Cinematics	3
COMM	3335	Scriptwriting	3
COMM	3349	Graphic Design and Visual Literacy	3
COMM	3359	Web Design	3
COMM	4344	Nonprofit Organizational Communication	3
EDUC	2330	Children's Literature	3
ENGL	2080	Special Topics in English (Lower Level)	3
ENGL	2211	Survey of English Literature I	3
ENGL	2212	Survey of English Literature II	3
ENGL	2410	World Literature I	3
ENGL	3220	Middle English Literature	3
ENGL	3221	Shakespeare	3
ENGL	3231	Renaissance Literature	3
ENGL	3232	Milton	3
ENGL	3240	Restoration & Eighteenth-Century British Literature	3

ENGL	3241	Romantic British Literature	3
ENGL	3242	Victorian Literature	3
ENGL	3250	Twentieth-Century British Writers	3
ENGL	3311	Literature of the United States I	3
ENGL	3312	Literature of the United States II	3
ENGL	3450	Contemporary Literature	3
ENGL	3610	Creative Nonfiction Writing	3
ENGL	3620	Poetry Writing	3
ENGL	3630	Short Story Writing	3
ENGL	3640	Writing Children's Literature	3
ENGL	3720	Literary Magazine Editing	2
GREK	2201, 2202	New Testament Greek I, II	3
HBRW	3201, 3202	Elementary Biblical Hebrew I, II	3
HIST	3130	American Revolution and Republic	3
HIST	3140	American Civil War	3
HIST	3160	American Constitutional History	3
HIST	3170	Religious History of America	3
HIST	3180	US History Since 1945	3
HIST	3190	American Cultural-Intellectual Hist	3
HIST	3200	Modern Europe	3
HIST	3210	Ancient Greece and Rome	3
HIST	3220	Medieval Worlds	3
HIST	3230	Renaissance and Reformation	3
HIST	3300	History of Christianity	3
HIST	3340	Empire and its Discontents	3
HIST	3350	The World at War, 1914-1945	3
HIST	3360	The Global Crisis	3
HIST	3380	Modern Middle East	3
HIST	3400	History of Political Philosophy	3
HIST	3500	History of Science and Technology	3
HIST	3600	Environmental History	3
HIST	3700	Public History: Cities through the Ages	3
HONS	3110	Honors Text Seminar	3
HONS	4120	Honors Topic Seminar	3
INDS	3406	Science and Theology of Origins	3
MNST	4120	Spiritual Formation and Faith Development	3
PHIL	2401	Introduction to Philosophy	3
PHIL	2410	Logic	3
PHIL	2902	Modern Secular-Christian World View	3
PHIL	3401	Ethics	3
PHIL	3502	Philosophy of Leadership	3
PHIL	4080	Special Topics in Philosophy	1
PHIL	4081	Directed Study and Research	1
PHIL	4403	Philosophy of Religion and Apologetics	3
SPAN	1111	Elementary Spanish I	3
SPAN	1112	Elementary Spanish II	3
THEO	2410	Christian Doctrine	3
THEO	3421	Contemporary Theologies	3
WOAR	1901	Worship Arts Survey I	3

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