



School of Arts and Sciences

**Bachelor of Science in Biology
Pre-Professional Concentration**

Four Year Plan for Transfer Student with A.S. Degree

Community College Freshman

First Semester		Second Semester	
ACA 122 College Transfer Success	1		
ENG 111 Writing & Inquiry	3	ENG 112 Writing/Research in the Disc	3
BIO 111 General Biology I	4	BIO 112 General Biology II	4
COM 231 Public Speaking (GEN ED Communication)	3	CIS 110 Intro to Computers	3
ART/MUS/ENG/PHI (GEN ED Humanities/Fine Arts) OR*	[3]	ART/MUS/ENG/PHI (GEN ED Humanities/Fine Arts)	3
MAT 171 Precalculus Algebra (prerequisite for MAT 172)*	4	MAT 172 Precalculus Trigonometry	4
	15		17

*Students who place out of MAT 171 should take the first of three Humanities/Fine Arts in the first semester. Students who take MAT 171 should complete the Humanities/Fine Arts requirement for Montreat in place of Anat/Phys II or Physics II, or may consider a summer option. Students should not exceed 66 credit hours at the Community College.

Community College Sophomore

Third Semester		Fourth Semester	
		ENG Literature (GEN ED)	3
HIS 111 World Civilizations I	3	HIS 112/131/132 World Civ II or American History	3
MAT 271 Calculus I	4	MAT 272 Calculus II	4
CHM 151 General Chemistry I	4	CHM 152 General Chemistry II	4
BIO 165 Anatomy & Physiology I	4	BIO 166 Anatomy & Physiology II (optional**)	4
	15	**prerequisite for some graduate programs	18

Earn Associate in Science in College Transfer

Montreat College Junior

Fall Semester		Spring Semester	
IS 200 Seminar on Faith and Learning	1	Gen-Ed Social Science Requirement	3
BB 101 Survey of Old Testament	3	BB 102 Survey of New Testament	3
ES 230 Sophomore Science Seminar	0.5	BL 205 Animal Diversity & Ecology	4
ES 206 Ecology	4	CH 322 Organic Chemistry Lab I	2
CH 320 Organic Chemistry I	3	CH 321 Organic Chemistry II	3
BL 215 Plant Diversity and Ecology	4	BL 311 Plant Phys. or BL 301 Biometrics	3
PE Activity	1		
	16.5		18

Montreat College Junior Summer

Optional internship or partnership opportunity			
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Montreat College Senior

Fall Semester		Spring Semester	
ES/BL 340 Research Methods	3	IS 461 Seminar on Faith & Life	2
Concentration Requirement	3	CH 323 Organic Chemistry Lab II	1
BL 401 Genetics	3	BL 311 Plant Phys. or BL 301 Biometrics	3
ES 445 Senior Science Seminar	1	BL 421 Contemp. Biol. Investigations	3
Gen-Ed Humanities/Fine Arts Requirement	3	BL 315 Cell Biology	4
PC 131 College Physics I	4	PC 132 College Physics II (optional**)	[4]
PE Activity	1	**prerequisite for some graduate programs	
	18		13

**In order to reach the required 126 hours for graduation, students should plan to take at least one of Anat/Phys II, Physics II, or elective.

Completion of the Major Field Test by the end of the Senior Year

TOTAL Degree Hours: **129-133**