

Universal General Education Transfer Component (UGETC)

English Composition (6 SCH): Complete BOTH English courses							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required or Preferred by Major	Notes
ENG 111	Expository Writing	3	None	RC 1000	3	x	
ENG 112	Argument-Based Research	3	ENG 111	RC 2001	3	x	
Total Credit Hours Required		6			6		

Humanities/Fine Arts (6 SCH): Select 2 classes from at least two different disciplines							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required or Preferred by Major	Notes
ART 111	Art Appreciation	3	None	ART 2011	3		
ART 114	Art History Survey I	3	None	ART 2030	3		
ART 115	Art History Survey II	3	None	ART 2130	3		
COM 231	Public Speaking	3	None	COM 2105	3		
ENG 231	American Literature I	3	ENG 112, 113 or 114	ENG 2350	3		
ENG 232	American Literature II	3	ENG 112, 113 or 114	ENG 2350	3		
ENG 241	British Literature I	3	ENG 112, 113, 114	ENG 2050	3		
ENG 242	British Literature II	3	ENG 112, 113, 114	ENG 2050	3		
MUS 110	Music Appreciation	3	None	MUS 2011	3		
MUS 112	Introduction to Jazz	3	None	MUS 2014	3		
PHI 215	Philosophical Issues	3	ENG 111	PHL Elective	3		
PHI 240	Introduction to Ethics	3	ENG 111	PHL 2000	3		
Total Credit Hours Required		6			9		

Social /Behavioral Science (6 SCH): Select 2 classes from at least two different disciplines							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required or Preferred by Major	Notes
ECO 251	Principles of Microeconomics	3	None	ECO 2030	3		
ECO 252	Principles of Macroeconomics	3	None	ECO 2040	3		
HIS 111	World Civilizations I	3	None	HIS 1101	3		
HIS 112	World Civilizations II	3	None	HIS 1102	3		
HIS 131	American History I	3	None	HIS 1200	3		
HIS 132	American History II	3	None	HIS 1200	3		
PSY 150	General Psychology	3	None	PSY 1200	3		
POL 120	American Government	3	None	P S 1100	3		
SOC 210	Introduction to Sociology	3	None	SOC 1000	3		
Total Credit Hours Required		6			6		

Mathematics (8 SCH): Select 2 courses							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required or Preferred by Major	Notes
MAT 171	Precalculus Algebra	4	None	MAT 1020	4		
MAT 172	Precalculus Trigonometry	4	MAT 171	MAT 1025	4		
MATH 263	Brief Calculus	4	MAT 171	MAT 1035	4		
MATH 271	Calculus I	4	MAT 172	MAT 1110	4	Required	
MAT 272	Calculus II	4	MAT 271	MAT 1120	4		
Total Credit Hours Required		8			8		

Natural Sciences (8 SCH): Select 2 courses							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required or Preferred by Major	Notes
AST 151/151A	General Astronomy I and lab I	4	None	AST 1001	4		
BIO 110	Principles of Biology	4	None	BIO 1201 & BIO 1202	4		
BIO 111	General Biology I	4	None	BIO 1801	4	Required	must take both BIO 111 and BIO 112
BIO 112	General Biology II	4	BIO 111	BIO 1802	4	Required	must take both BIO 111 and BIO 112
CHM 151	General Chemistry I	4	None	CHE 1101 & CHE 1110	4	Required	must take both CHM 151 and CHM 152
CHM 152	General Chemistry II	4	CHM 151	CHE 1102 & CHE 1120	4	Required	must take both CHM 151 and CHM 152
GEL 111	Introduction Geology	4	None	GLY 1101	4		
PHY 110/110A	Conceptual Physics and Lab	4	None	PHY 1100	4		must take course with lab
PHY 151	College Physics I	4	MAT 171	PHY 1103	4		must take PHY 151 and PHY 152
PHY 152	College Physics II	4	PHY 151	PHY 1104	4		must take PHY 151 and PHY 152
PHY 251	General Physics I	4	MAT 271	PHY 1150	4		must take PHY 251 and PHY 252
PHY 252	General Physics II	4	MAT 272 and PHY 251	PHY 1151	4		must take PHY 251 and PHY 252
Total Credit Hours Required		8			8		

Total UGETC Hours

34

34

Additional General Education Courses (13-14 SHC)							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Category	Notes
BIO/CHM not taken previously		4			4	GEC	Required by major
UGETC/GEC		3			3	UGETC/GEC	
UGETC/GEC		3			3	UGETC/GEC	
UGETC/GEC		3			3	UGETC/GEC	
Total Credit Hours Required		13			13		

Total General Education Hours Required 47 47

Other REQUIRED HOURS (15-16 SHC)							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Category	Notes
ACA 122	College Transfer Success	1	None		1	GEC	required by CAA
MAT 152	Statistics	4	None	STT 2810	4	Pre-Major	Required by major
BIO/CHM not previously taken		4			4	Pre-Major	Required by major
Pre-Major/Elective/GEC		3			3	Pre-Major/Elective/GEC	BIO 250 - See Notes
Pre-Major/Elective/GEC		3			3	Pre-Major/Elective/GEC	BIO 265 - See Notes
Other Required Hours (15-16 SCH)		15			15		

Total Semester Credit Hours in Program: 62 62

Notes:

BIO 250, Genetics: Depending on course availability, this course could be taken to transfer as BIO 2400; however, this course will need to be petitioned for credit. Students are encouraged to contact the [Office of Transfer Services](#), prior to registration, to investigate class transferability.

BIO 265, Cell Biology: Depending on course availability, this course could be taken to transfer as BIO 2600 & 2610 (lecture and lab). Refer to the Program of Study for more information on concentration requirements.

3th -4th Year Plan: BS, Biology: Ecology, Evolution & Environmental

Semester	Course	Hours	Notes	
5	BIO 2012 Intro to Evolutionary Biology	3	Major Requirement	17
5	CHE 2101 & 2103 Fundamentals of Organic Chemistry	4	Major Requirement	
5	BIO 2400 or BIO 2700 Genetics	3	Major Requirement	
5	BIO 3302 Ecology	4	Major Requirement	
5	Free Elective	3		
6	BIO Diversity Course 1	3-4	Area II. C. 3 course	15-18
6	BIO Other Sciences Course 1	3-4	Area II. C. 4 course	
6	BIO Evol/Ecol or Environ Course 1	3	Area II. C. 2 course	
6	BIO Cell/Subcell or Anat & Phys	3-4	Writing in the Discipline	15-16
6	Free Elective	3		
7	BIO Evol/Ecol or Environ Course 2	4	Area II. C. 2 course	
7	BIO Biodiversity Course 2	3-4	Area II. C. 3 course	
7	BIO Other Science Course 2	3-4	Area II. C. 4 course	15-16
7	BIO Other Science Course 3	3-4	Area II. C. 4 course	
8	BIO 4501 or 4700 or 4910	3	CAPSTONE	15-18
8	BIO Other Science Course 4	3-4	Area II. C. 4 course	
8	BIO Other Science Course 5	3-4	Area II. C. 4 course	
8	BIO Other Science Course 6	3-4	Area II. C. 4 course	
8	Free Elective	3	Take enough Free Elective to reach 128 hours required	
				62-69
				62 transfer hours
				128 hours for graduation

Notes:

- Due to course sequencing and availability, students may require 2.5 years to complete this degree.

Residency Requirements:

- 31 hours must be from Appalachian
- 18 hours in the major must be from Appalachian
- 9 hours in the minor must be from Appalachian
- 50 hours must be from a four-year institution