

### 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	Required	
ENG 112	Argument-Based Research	3	ENG 111	RC 2001	3	Required	
<b>Total Credit Hours Required</b>		<b>6</b>			<b>6</b>		

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		
<b>Total Credit Hours Required</b>		<b>6</b>			<b>9</b>		

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		
<b>Total Credit Hours Required</b>		<b>6</b>			<b>6</b>		

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		
<b>Total Credit Hours Required</b>		<b>8</b>			<b>8</b>		

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 1204	4		
BIO 111	General Biology I	4	None	BIO 1801	4	Required	See Notes
BIO 112	General Biology II	4	BIO 111	BIO 1802	4	Required	See Notes
CHM 151	General Chemistry I	4	None	CHE 1101 & CHE 1110	4	Required	See Notes
CHM 152	General Chemistry II	4	CHM 151	CHE 1102 & CHE 1120	4	Required	See Notes
GEL 111	Introduction Geology	4	None	GLY 1101	4		
PHY 110/110A	Conceptual Physics and Lab	4	None	PHY 1100	4		
PHY 151	College Physics I	4	MAT 171	PHY 1103	4	8 hours or Physics or Geography courses are required for this major.	See Notes
PHY 152	College Physics II	4	PHY 151	PHY 1104	4		
PHY 251	General Physics I	4	MAT 271	PHY 1150	4		
PHY 252	General Physics II	4	MAT 272 and PHY 251	PHY 1151	4		
<b>Total Credit Hours Required</b>		<b>8</b>			<b>8</b>		

<b>Total UGETC Hours</b>		<b>34</b>			<b>34</b>		
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Additional General Education Courses (13-14 SHC)							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Category	Notes
FL 111	Elementary Foreign Language I	3		FL 1010	3	GEC	FL required for BA degree; see notes
MAT 152	Statistics	4		STT 2820	4	UGETC	Required for major
BIO 111	General Biology I	4		BIO 1801	4	UGETC	Required for major
PHY/GEO Course		4			4	UGETC/GEC	See Notes
<b>Total Credit Hours Required</b>		<b>15</b>			<b>15</b>		

**Total General Education Hours Required** 49 49

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
FL 112	Elementary Foreign Language II	3	FL 111	FL 1020	3	Pre-Major	FL required for BA degree; see notes
BIO 112	General Biology II	4		BIO 1802	4	UGETC	Required for major
PHY/GEO Course	Physics or Geography course	4			4	Pre-Major	See Notes
<b>Other Required Hours (15-16 SCH)</b>		<b>12</b>			<b>12</b>		

**Total Semester Credit Hours in Program: 61 65**

**Notes:**

Natural Sciences

- It is suggested that students complete the Chemistry sequence in the first two semesters.
- This degree requires a minimum of 8 hours of Physics or Geography. The following community college courses can be taken to fulfill this requirements:
  - GEO 111, 112, 130, 131 132
  - PHY 151, 152, 251, 252

Foreign Language

- Students must take a foreign language placement test to determine starting course for foreign language.
- Students can take elementary foreign language courses at their community college to prepare of the foreign language placement test.

**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.

3th -4th Year Plan BA, Biology				
Semester	Course	Hours	Notes	
SU 1	Foreign Language 1040	3	Major Requirement	6
SU 2	Foreign Language 1050	3	Major Requirement	
5	BIO 2400 or 2700 Genetics	3	Major Requirement	
5	BIO 2012 Intro to evolutionary Biology	3	Major Requirement	
5	BIO Evolution or Ecology Course	3-4	Area B or D on Program of Study	
5	Minor Course 1	3	Major Requirement	
5	CHE 2201/2203 Organic Chemistry I	4	Major Requirement	16-17
6	BIO Cellular/Subcellular Course	3-4	Area A, section III. C	16-17
6	BIO Anatomy & Physiology Course	3-4	Area C, section III. C	
6	CHE 2202/2204 Organic Chemistry II	4	Major Requirement	
6	Minor Course 2	3	Major Requirement	
6	Foreign Language 1050	3	Major Requirement	
7	BIO Biodiversity Course	3-4	Area D, section III. C	
7	Additional Course from Area III. C.	3-4	Area III. C	15-17
7	Physics or Geography Course	3	If taken at CC, take Free Elective	
7	Minor Course 3	3	Major Requirement	
7	Minor Course 4	3	Major Requirement	
8	BIO 4501 or 4700 or 4910	3	CAPSTONE	
8	Additional Course from Area III. C.	3	Major Requirement	
8	Minor Course 5	3	Major Requirement	15
8	Minor Course 6	3	If needed for 18 hours minor, otherwise take Free Electives	
8	Minor Course 7	3	If needed for 21 hours minor, otherwise take Free Electives	
				68-72
				61 transfer hours
				129-133 hours for graduation

**Notes:**

- No more than 46 hours in BIO may be counted towards the degree.
- A minor outside Biology is required for this degree.
- Due to course sequencing and availability, students may require 2.5 years to complete this degree.

Residency Requirements:

- 32 hours must be taken at 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.