

### Universal General Education Transfer Component (UGETC)

English Composition (6 SCH)		The following two English composition courses are required.					
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)		Students will select two courses 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 2101	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		
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)		Students will select two courses 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)		Students will select two courses from the following:					
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	GEP MAT	4		
MATH 263	Brief Calculus	4	MAT 171	MAT 1030	4		
MATH 271	Calculus I	4	MAT 172	MAT 1110	4	Required	
<b>Total Credit Hours Required</b>		<b>8</b>		<b>8</b>			
Natural Sciences (8 SCH)		Students will select 8 SCH from the following 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 <i>and</i> PHY 251	PHY 1151	4		
<b>Total Credit Hours Required</b>		<b>8</b>		<b>8</b>			

**Total UGETC Hours**

**34**

**34**

Additional General Education Courses (11-12 SHC) : These courses must be classified as UGETC or general education within the CAA.							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Category	Notes
CHM 251	Organic Chemistry I	4	CHM 152	CHE 2201 & 2203	4	GEC	Required by major
FL 111	Elementary Foreign Language I	3		FL 1010	3	GEC	FL required for BA degree; see notes
	BIO/PHY course not previously taken	4			4	GEC	See Notes
	BIO/PHY course not previously taken	4			4	GEC	See Notes
<b>Total Credit Hours Required</b>		15			15		

**Total General Education Hours Required**

49

49

Other REQUIRED HOURS (14-15 SHC): These courses must be classified as pre-major, elective or general education within the CAA.							
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
CHM 252	Organic Chemistry II	4	CHM 251	CHE 2202 & 2204	4	Pre-Major	Required by major
FL 112	Elementary Foreign Language II	3	FL 111	FL 1020	3	Pre-Major	FL required for BA degree; see notes
	BIO/PHY course not previously taken	4			4	Pre-Major	See Notes
	BIO/PHY course not previously taken	4			4	Pre-Major	See Notes

**Other Required Hours (15-16 SCH)**

16

16

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

**65**

**Notes:**

**Natural Sciences**

- It is suggested that students complete the Chemistry in the first two semesters so to have the needed prerequisites for CHM 251 & 252 in semesters 3 and 4.
- 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	
5	BIO 2400 or 2700 Genetics	3	Major Requirement	15-16
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	Foreign Language 1040	3	Major Requirement	
6	BIO Cellular/Subcellular Course	3-4	Area B, section III. C	15-17
6	BIO Anatomy & Physiology Course	3-4	Area C, section III. C	
6	Minor Course 2	3	Major Requirement	
6	Minor Course 3	3	Major Requirement	
6	Foreign Language 1050	3	Major Requirement	15-17
7	BIO Biodiversity Course	3-4	Area D, section III. C	
7	Additional Course from Area III. C.	3-4	Area III. C	
7	Physics or Geography Course	3	If taken at CC, take Free Elective	
7	Minor Course 4	3	Major Requirement	
7	Minor Course 5	3	Major Requirement	15
8	BIO 4501 or 4700 or 4910	3	CAPSTONE	
8	Additional Course from Area III. C.	3	Major Requirement	
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	
8	Free Electives	3	Take enough Electives to reach 128 hours for degree	15
				60-63
				65 transfer hours
				128 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.