

DUE TO COURSE SEQUENCING AND REQUIREMENTS, IT IS STRONGLY RECOMMENDED THAT STUDENTS COMPLETE 30 UGETC HOURS AND TRANSFER.

### 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			
ENG 241	British Literature I	3	ENG 112, 113 or 114	ENG 2050	3			
ENG 242	British Literature II	3	ENG 112, 113 or 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)		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 course 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 1035	4			
MATH 271	Calculus I	4	MAT 172	MAT 1110	4	Required		
MAT 272	Calculus II	4	MAT 271	MAT 1120	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	See Notes	must take both BIO 111 and BIO 112	
BIO 112	General Biology II	4	BIO 111	BIO 1802	4	See Notes	must take both BIO 111 and BIO 112	
CHM 151	General Chemistry I	4	None	CHE 1101/CHE 1110	4	See Notes - Preferred	must take both CHM 151 and CHM 152	
CHM 152	General Chemistry II	4	CHM 151	CHE 1102/CHE 1120	4	See Notes - Preferred	must take both CHM 151 and CHM 152	
GEL 111	Introduction Geology	4	None	GLY 1101	4	See Notes		
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	See Notes	must take PHY 251 and PHY 252	

PHY 252	General Physics II	4	MAT 272 <i>and</i> PHY 251	PHY 1151	4	See Notes	must take PHY 251 and PHY 252
<b>Total Credit Hours Required</b>		<b>8</b>			<b>8</b>		
<b>Total UGETC Hours</b>		<b>34</b>			<b>34</b>		

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
UGETC/GEC		3			3	UGETC/GEC	
UGETC/GEC		3			3	UGETC/GEC	
UGETC/GEC		3			3	UGETC/GEC	
UGETC/GEC		3			3	UGETC/GEC	
<b>Total Credit Hours Required</b>		12			12		

**Total General Education Hours Required** 46 46

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
Pre-Major/GEC/Elective		3			3	Pre-Major/GEC/Elective	
Pre-Major/GEC/Elective		3			3	Pre-Major/GEC/Elective	
Pre-Major/GEC/Elective		3			3	Pre-Major/GEC/Elective	
Pre-Major/GEC/Elective		3			3	Pre-Major/GEC/Elective	
Pre-Major/GEC/Elective		2			2	Pre-Major/GEC/Elective	

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

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

- This degree requires science sequences in Biology, Chemistry, Geology, and Physics. **It is preferred that the Chemistry sequence be complete prior to transfer.**
- Students should plan to complete one sequence at their community college, depending on course availability.

**3rd - 4th Year Plan: BS, Environmental Science**

Semester	Course	Hours	Notes	
SU 1	Science sequence: BIO, CHM, GLY	4	See Program of Study	8
SU 2	Science sequence: BIO, CHM, GLY	4	See Program of Study	
5	Science sequence: BIO, CHM, PHY, GLY	4-5	See Program of Study	14-17
5	Science sequence: BIO, CHM, PHY, GLY	4-5	See Program of Study	
5	ENV 1010 Intro to Environmental Science & Engineering	3	Major Requirement	
5	Science Course 1	3-4	See Choices on Program of Study	
6	Science sequence: BIO, CHM, PHY, GLY	4-5	See Program of Study	16-18
6	Science sequence: BIO, CHM, PHY, GLY	4-5	Major Requirement	
6	BIO 3302 Ecology	4	Major Requirement	
6	ENV 3100 Issues in Environmental Science	1	Writing in the Discipline	
6	Science Electives	3	Major Requirement	7-8
SU 1	CHE 2101 & 2102 OR CHE 2201 & 2203	4	Major Requirement	
SU 2	Science Course 2	3-4	See Choices on Program of Study	13
7	GHY 3812 Introduction to GIS	3	Requires prerequisite; see department	
7	STT 3850 Statistical Data Analysis	4	Major Requirement	
7	CHE 2550 or GLY 3131	3	Fall Only Course	
7	GLY 4630 Hydrogeology	3	Fall Only Course	12-14
8	ENV 4100 Environmental Management & Impact Analysis	3	CAPSTONE	
8	Science Course 3	3-4	See Program of Study	
8	PLN 4460 Environmental Policy & Planning	3	Major Requirement	
8	Science Course 4	3-4	See Choices on Program of Study	70-79
				61 transfer hours
				131-140 hours for graduation

- Study Abroad: Please see program director
- Summer courses: Please refer to the appropriate departmental policy for courses
- THIS 4 YEAR PLAN IS AN EXAMPLE AND SHOULD BE MODIFIED DURING STUDENT ADVISING. PLEASE SEE ENVIRONMENT.APPSTATE.EDU FOR OTHER EXAMPLE 4-YEAR PLANS.**
- Residency Requirements:**
  - 31 hours must be from ASU
  - 18 hours in the major must be from ASU
  - 9 hours in the minor must be from ASU
  - Final 30 hours must be courses taken through ASU (includes internships, study abroad taken through ASU)

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