

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		
Total Credit Hours Required		6			6			
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			
Total Credit Hours Required		6			9			
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			
Total Credit Hours Required		6			6			
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 1030	4			
MATH 271	Calculus I	4	MAT 172	MAT 1110	4	Required		
Total Credit Hours Required		8			8			
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 and PHY 251	PHY 1151	4	See Notes	must take PHY 251 and PHY 252	
Total Credit Hours Required		8			8			

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
MAT 272	Calculus II	4	MAT 271	MAT 1120	4	GEC	Required for 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 (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	

Other Required Hours (15-16 SCH) 13 13

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, Professional Concentration							
Semester	Course	Hours	Notes				
SU 1	Science sequence: BIO, CHM, GLY	4	See Program of Study				
SU 2	Science sequence: BIO, CHM, GLY	4	See Program of Study			8	
5	Science sequence: BIO, CHM, PHY, GLY	4-5	See Program of Study				
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	Concentration Course 1	3-4	See Program of Study			14-17	
6	Science sequence: BIO, CHM, PHY, GLY	4-5	See Program of Study				
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			16-18	
SU 1	CHE 2101 & 2102 OR CHE 2201 & 2203	4	Major Requirement				
SU 2	Concentration Course 2	3-4	See Program of Study			7-8	
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	Major Requirement				
7	PHY/GLY 3160	3	Major Requirement				
7	GLY 4630 Hydrogeology	3	See Program of Study			16	
8	ENV 4110 Environmental Management & Impact Analysis	3	CAPSTONE				
8	Concentration Course 3	3-4	See Program of Study				
8	PLN 4460 Environmental Policy & Planning	3	Major Requirement				
8	Free Elective	3				12-13	
						73-80	
						61	transfer hours
						134-141	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)