

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	
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	Required	
MAT 172	Precalculus Trigonometry	4	MAT 171	MAT 1025	4	Required	
MAT 263	Brief Calculus	4	MAT 171	MAT 1030	4		
Mat 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 1204	4		
BIO 111	General Biology I	4	None	BIO 1201 & BIO 1204	4	See Notes	must take both BIO 111 and BIO 112
BIO 112	General Biology II	4	BIO 111	BIO 1202 & BIO 1205	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	must take both CHM 151 and CHM 152
CHM 152	General Chemistry II	4	CHM 151	CHE 1102 & CHE 1120	4	See Notes	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	See Notes	must take PHY 151 and PHY 152
PHY 152	College Physics II	4	PHY 151	PHY 1104	4	See Notes	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 <i>and</i> PHY 251	PHY 1151	4		must take PHY 251 and PHY 252
Total Credit Hours Required		8			8		

Total UGETC Hours		34			34		
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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
MAT 152	Statistical Methods	4		STT 2820	4	UGETC	
BIO/CHM/PHY/GEL		4			4	UGETC/GEC	See Notes
BIO/CHM/PHY/GEL		4			4	UGETC/GEC	See Notes
Total Credit Hours Required		12			12		

Total General Education Hours Required 46 46

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
BIO/CHM/GEL/PHY		4			4	Pre-Major	
Pre-Major/Elective/GEC		4			4	Pre-Major/Elective/GEC	
Pre-Major/Elective/GEC		3			3	Pre-Major/Elective/GEC	
Pre-Major/Elective/GEC		3			3	Pre-Major/Elective/GEC	
		15			15		

Other Required Hours (15-16 SCH) 14-15 14-15

Total Semester Credit Hours in Program: 60 60

Notes:
Science Concentration: Students can complete up to 24 semester hours of required sciences at the community college, depending on course availability:
 • 8 semester hours of Biology, Chemistry or Physics, to be complete in first 30 hours of AS degree (UGETC Courses)
 • One four hour (4 SH) science course from each of the remaining three sciences for a total of 12 semester hours (3 Courses)
 • Biology, Chemistry, Physics, Geology

3th -4th Year Plan BS, Middle Grades Education, Math and Science				
Semester	Course	Hours	Notes	
5	CI 2300 Teaching & Learning in the Digital Age	2	Major Requirement	17
5	FDN 2400 Critical Perspective on Teaching & Learning	3	Major Requirement	
5	PSY 3010 Psychology Applied to Teaching	2	Major Requirement	
5	Science Concentration Course	4	Major Requirement	
5	MAT 3910 Intro to Logic & Structure of Mathematics I	3	Major Requirement	
5	Free Elective	3	Major Requirement	
6 BLOCK I	CI 3900 Middle Grades Internship	3	Major Requirement	18
6	CI 3910 Middle Level Education	3	Major Requirement	
6	CI 3920 Teaching Young Adolescents	3	Major Requirement	
6	GS 3300 Educational Applications of Science Concepts	3	Major Requirement	
6	MAT 3920 Intro to Logic & Structure of Mathematics II	3	Major Requirement	
6	MAT 4910 Informal Geometry	3	Major Requirement	
SU	CI 3400 Policies & Practices in Educational Assessment	3	Must be admitted to teacher education	6
SU	SPE 3300 Creating Inclusive Learning Communities	3	Must be admitted to teacher education	
7 BLOCK II	CI 4490 MG Curriculum, Instruction, & Assessment	3	Major Requirement	15
7	CI/RE 4300 Literacy, Language, & Culture in the MG	3	Major Requirement	
7	RE 4630 Reading in the Content Area	3	Major Requirement	
7	GS 4403 Teaching Science in Middle & High Schools	3	Major Requirement	
7	CI 4040 Mathematics in Middle Grades	3	Major Requirement	
8	CI 4900 Student Teaching	12	CAPSTONE	13
8	CI 4450 Seminar in MG: Portfolio/Exhibition	1	Major Requirement	
				69
				60 transfer hours
				129 hours for graduation

Notes:
 To be admitted to the Reich College of Education for teacher education, a student must meet the following criteria:
 • Complete CI 2300 and FDN 2400 with a C or better
 • Complete 45 hours with a 2.7 GPA (2.7 GPA must be maintained)
 • Complete the Praxis Core
 • Be proficient in Reading and English

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