

SETH Bachelor of Science in Science Education (9-12) Earth Science Concentration

INDIGENOUS CULTURES and COMMUNITIES (ICC): Students entering the University in Fall 2022 or later, as a requirement for graduation, shall complete the ICC Requirement. Students may satisfy this requirement by completing two 3-credit hour approved ICC designated courses OR one 3-credit hour approved ICC designated course and an ICC designated and department approved co-curricular learning experience. Transfer students with over 60 hours will be required to complete one course or the approved departmental experiential learning experience. Designated ICC courses and experiences can satisfy other graduation and general education graduation requirements and need not increase the total number of hours required for graduation.			
The Writing Intensive Program The goal of the program is to enhance the ability of students to write effectively and appropriately in both general writing and professional writing in their disciplines. The program consists of Writing Enriched courses and Writing in the Discipline courses. Students must complete nine semester credit hours of Writing Enriched and Writing in the Discipline courses. One course must be a Writing in the Discipline course.			
Freshman Seminar/General Education	45(33)*	* Twelve hours of natural sciences and mathematics may count toward general education requirements	
UNV 1000	1	Freshman Seminar	Students transferring in more than 15 credit hours are exempt.
Communication Skills	6 hours total		
ENG 1050	3	Composition I	
ENG 1060	3	Composition II	
Arts & Humanities	12 hours total	Choose one course from each of the 4 areas	
Fine Arts	3	ART 1450, 2050, 2080, 2090, MUS 1020, 1040, 2940, 2980, THE 2500	
Literature	3	ENG 2010,2020,2030,2050,2060, 2080, 2090, 2100, 2180, 2190, 2230, 2240, 2410, 2470, 2480, AIS 2200	
History	3	HIS 1010,1020,1030,1100,1110,1140,1150,AIS 1100, AIS1110	
Philosophy/Religion	3	PHI 1000, 1010, 2040, 2070,REL 1080, 1300	
Social Sciences	9 hours total	Choose one course from each of 3 out of these 5 areas Economics ECN 1000, 2020, 2030, 2410 Geography GGY 1010, 1020, 2000, 2060, Political Science PLS 1000, 1010, Psychology PSY 1010, Sociology SOC 1020, 1050, 2090	
	3		
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General Education Elective	3 hours	Any additional course from the Arts & Humanities Division or Social Science Division as listed in the General Education Requirements section of the current <i>UNCP Academic Catalog</i> .	
	3		
Physical Education		PED 1010, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1410, 1450, 1460, 1770, 1790, 1800 (MSC), 1810(THE), 1820(THE), 1900,1910, 1950	
PED 1	1		
PED 1	1		
Professional Education Requirements*	12 hours total		
EDN 2100	3	Introduction to Education (Required for admission to the Teacher Education Program. Prerequisites: 30 semesters hours and a GPA of 2.7 or better)	
SED 3310	3	Introduction to the Exceptional Child	
EDN 3140	3	Aspects of Human Development and Educational Psychology for Grades 6-12	
EDN 3130	3	Content Area Literacy (Must be admitted to the Teacher Education Program to take this class. A GPA of 2.7 or better and passing Praxis scores are required to be admitted to the Teacher Education Program)	
Essential Standards*	57 hours total	Earth Science (9-12) Concentration	
GLY 1000 & 1000L or GLY 1150 & 1150L	4	Physical Geology and Lab or Earth Science and Lab	
GLY 1250 & 1250L	4	Earth History and Lab	
GLY 2260	3	Oceanography	
GLY 2460	3	Weather and Climate	
GLY 2620	3	Environmental Geology	
GLY 3100 and GLY 3110L	4	Minerals and Rocks and Lab	
GLY 3250	3	Paleontology	
MAT 1090	4	Pre-calculus	
CHM 1300 & 1100	4	General Chemistry I and lab	
CHM 1310 & 1110	4	General Chemistry II and lab	
BIO 1000 & 1000L	4	Principles of Biology and Lab	
BIO 1010 or BIO 1020	4	General Botany (must sign up for both lab and lecture at the same time) or General Zoology (must sign up for both lab and lecture at the same time)	
PHY 1500 & 1560	4	College Physics I and lab	
PHY 1510 & 1570	4	College Physics II and lab	
PHS 1560	3	Astronomy	
2 hours of science electives	2		
Content Pedagogy*	18 hours total		
SCE 3000	1	Early Experiences for Prospective Science Teacher	
SCE 3010	2	Early Laboratory Experiences for Prospective Science Teacher	
SCE 4000	3	Teaching Science in the Secondary School	
SCE 4490***	9	Internship in Science in Middle/Secondary Schools	
SCE 4750***	3	Professional Seminar in Middle/Secondary Science	

*Science Education Majors must earn a "C-" or better in all courses listed under the indicated sections. A grade of "C" or better must be earned in repeated courses.

***These are the only courses that can be taken during the Professional Semester. The Professional Semester is the final semester.