

PHYSICAL SCIENCE COMPOSITE TEACHING

SECONDARY EDUCATION LICENSURE
BACHELOR OF SCIENCE



Name:	ID:	Contact:
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GENERAL EDUCATION & INSTITUTIONAL REQUIREMENTS Minimum 31 credits

<input checked="" type="checkbox"/>	Requirement	Course	CR	Prerequisites & Notes	Grade	Semester
<input type="checkbox"/>	Computer Literacy	CIS 1200 <i>or</i> CIS 1201	0-3	<i>Can also use CS 1400 & CS 1410</i>		
<input type="checkbox"/>	English	ENGL 1010 <i>or</i> ENGL 1010A <i>or</i> ENGL 1010D	3	English <i>and</i> Reading placement scores; pre-/co-requisite LIB 1000/1010		
<input type="checkbox"/>	English	ENGL 2010 <i>or</i> ENGL 2010A	3	ENGL 1010/A/D (C or higher); pre-/co-requisite LIB 1000/1010		
<input type="checkbox"/>	Information Literacy	LIB 1000 <i>or</i> LIB 1010	0-1	English placement score for class		
<input type="checkbox"/>	Mathematics		3-5	Math placement score <i>or</i> MATH pre-req.		
<input type="checkbox"/>	American Institutions	HIST 1700 <i>or</i> POLS 1100	3-6	<i>SET requirement</i>		
<input type="checkbox"/>	Life Sciences		3-4			
<input type="checkbox"/>	Physical Sciences		3-4			
<input type="checkbox"/>	Laboratory Science		1			
<input type="checkbox"/>	Fine Arts		3			
<input type="checkbox"/>	Literature / Humanities		3			
<input type="checkbox"/>	Social & Behavioral Sciences	FCS1500*, PSY 1010/A, <i>or</i> PSY 1100*	3	<i>SET requirement</i> <i>*GE: GLOCUP</i>		
<input type="checkbox"/>	Exploration		3-5	<i>3-5 credits, prefix not used in other GE</i>		
<input type="checkbox"/>	Global & Cultural Perspectives		0-3	<i>- Complete two with different prefixes</i>		
<input type="checkbox"/>	Global & Cultural Perspectives		0-3	<i>- Can share credit with other GE</i>		

OR

<input type="checkbox"/>	Associate of Arts <i>or</i> Associate of Science degree	Date:	USHE?	Yes	No
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RECOMMENDED ELECTIVE

<input checked="" type="checkbox"/>	Course Number	Description	CR	Prerequisites & Notes	Grade	Semester
<input type="checkbox"/>	SCI 1001	FYE: Science and Pre-Professional	1	<i>Or EDUC 1001</i>		

PHYSICAL SCIENCE CORE REQUIREMENTS 65-67 credits

<input checked="" type="checkbox"/>	Course Number	Description	CR	Prerequisites & Notes	Grade	Semester
Complete the following Chemistry requirements:				<i>GE: Physical Science; GE: Lab Science</i>		
<input type="checkbox"/>	CHEM 1210/15	Principles of Chemistry I / Lab	4/1	MATH 1050 (C or higher) <i>or</i> plcmt score		
<input type="checkbox"/>	CHEM 1220/25	Principles of Chemistry II / Lab	4/1	CHEM 1210/15		
Complete one of the following:						
<input type="checkbox"/>	CHEM 2310/15	Organic Chemistry I / Lab	4/1	CHEM 1220/25 (C- or higher)		
<input type="checkbox"/>	CHEM 3000	Quantitative Analysis	3	CHEM 1220 (C or higher)		
Complete the following Geology requirements:				<i>GE: Exploration</i>		
<input type="checkbox"/>	GEO 1110/15	Physical Geology / Lab	3/1			
<input type="checkbox"/>	GEO 1220/25	Historical Geology / Lab	3/1	GEO 1110/15		
<input type="checkbox"/>	GEO 3060	Environmental Geology	3	GEO 1110/15 (C or higher)		
Complete the following Physics requirements:						
<input type="checkbox"/>	PHYS 1040/45	Elementary Astronomy / Lab	3/1			
<input type="checkbox"/>	PHYS 2210/15	Physics for Scientists/Eng I / Lab	4/1	MATH 1210 <i>or</i> MATH 1220		
<input type="checkbox"/>	PHYS 2220/25	Physics for Scientists/Eng II / Lab	4/1	MATH 1220 <i>and</i> PHYS 2210/15		
<input type="checkbox"/>	PHYS 3710	Modern Physics	3			
Complete the following Math/Science support courses:						
<input type="checkbox"/>	BIOL 1610/15 <i>or</i> BIOL 1610A/1615A	Principles of Biology I / Lab <i>or</i> Honors of Biology I / Lab	4/1	<i>GE: Life Sciences</i>		
<input type="checkbox"/>	MATH 1210	Calculus I	5	See Catalog, <i>GE: Mathematics</i>		
<input type="checkbox"/>	MATH 1220	Calculus II	4	MATH 1210 (C or higher)		
<input type="checkbox"/>	SCI 2600	Laboratory Safety	1			
<input type="checkbox"/>	SCI 3570	Foundations of Science Education	3			
<input type="checkbox"/>	SCI 4800R	Independent Research	1	Instructor permission & Senior Standing		

SCIENCE ELECTIVE						3 credits	
<input checked="" type="checkbox"/>	Course Number	Description	CR	Prerequisites & Notes	Grade	Semester	
Complete one of the following:							
<input type="checkbox"/>	CHEM 3510	Biochemistry	3	BIOL 1610/15 <i>and</i> CHEM 2320/25			
<input type="checkbox"/>	PHYS 3400	Classical Mechanics	3	MATH 2280 <i>and</i> PHYS 2220			
SECONDARY EDUCATION PRE-PROFESSIONAL COURSES						15 credits	
<input checked="" type="checkbox"/>	Course Number	Description	CR	Prerequisites & Notes	Grade	Semester	
Complete the following:							
<input type="checkbox"/>	EDUC 1010	Foundations/Intro to Education	3				
<input type="checkbox"/>	EDUC 2010	Intro to Exceptional Learners	3				
<input type="checkbox"/>	EDUC 2400	Foundations of Multicultural & ESL	3	GE: GLOCUP			
<input type="checkbox"/>	EDUC 2500	Tech / Educ. / Electronic Portfolio	3				
<input type="checkbox"/>	EDUC 3110	Educational Psychology	3	FCS 1500, PSY 1010/A, <i>or</i> PSY 1100			
SECONDARY EDUCATION PROFESSIONAL REQUIREMENTS (DSU SET Program Admission required)						24 credits	
<input checked="" type="checkbox"/>	Course Number	Description	CR	Prerequisites & Notes	Grade	Semester	
Complete the following:							
Semester I							
<input type="checkbox"/>	SCED 3720	Reading / Writing in Content Areas	3				
<input type="checkbox"/>	SCED 4100	Curriculum, Instruction, Assessment	3				
<input type="checkbox"/>	SCED 4600	Classroom Management	3				
<input type="checkbox"/>	SCI 4700	Secondary Science Teaching Methods	3				
Semester II							
<input type="checkbox"/>	SCED 4900	Secondary Student Teaching	10	Corequisite SCED 4989			
<input type="checkbox"/>	SCED 4989	Student Teacher Seminar	2	Corequisite SCED 4900			
LICENSURE REQUIREMENT BEFORE STUDENT TEACHING							
<ul style="list-style-type: none"> Students are required to pass the appropriate PRAXIS II Content Knowledge Test(s). 							
GRADUATION REQUIREMENTS							
<input type="checkbox"/> Subtract duplicated and developmental (0999 and below) credits. <input type="checkbox"/> Minimum 122 college-level credits (1000 and above). <input type="checkbox"/> At least 40 upper-division credits (3000 and above). <input type="checkbox"/> At least 30 upper-division credits at DSU for institutional residency. <input type="checkbox"/> Cumulative GPA 2.75 or higher. <input type="checkbox"/> Grade C or higher (not C-) in each Physical Science Core Requirement and Science elective course. <input type="checkbox"/> Grade C- or higher in each pre-professional Education, professional Secondary Education, and disciplinary teaching methods course required. <input type="checkbox"/> 3.0 GPA or higher in pre-professional Education, professional Secondary Education, and disciplinary teaching methods courses required.				NOTE: Students who also complete BIOL 3040 General Ecology (3) & BIOL 3045 General Ecology Lab (1) will meet the coursework requirements for an additional Earth Science endorsement.			