

## **Bachelor of Science**

## **Major: Chemistry & Physical Science Education (grades 7-12)**

Name: Catalog: 2025-26 Updated: Student ID: Expires 8/1/2032 Audited: Advisor:

UNIFIED GENERAL EDUCATION CORE - 42 hrs				COMPOSITE MAJOR - 38 (8) hrs			
C 120 CENTER LEGGARION CONE - 42 III3	Inst.	Hours	Grade	Chemistry & Physical Science 7-12	Inst.	Hours	Grade
Creative Expression for Engaging Community - 9 hrs				CHEM 1401 - (4) hrs			
ENGL 1301 - 3 hrs				CHEM 1402 - (4) hrs			
COMS 2302 - 3 hrs				CHEM 3402 - 4 hrs			
Creative Arts from: ART. 1301 / Studio Course,				CHEM 3403 - 4 hrs			
MUSI 1303 / 3305 / 3306 / 3307 / Performing Ensembles	S,			CHEM 3404 - 4 hrs			
HUMA 2300, or ENGL 3330 - 3 hrs				PHYS 1401 and 1402 - 8 hrs -OR- PHYS 2401 and 2402 - 8 hrs			
Cultural Perspectives within Community - 12 hrs				MSCI 3201 - 2 hrs			
ENGL 1302 - 3 hrs				MSCI 4201 - 2 hrs			
HIST 2301 - 3 hrs				6 hours from: CHEM 3407 / 4402 / 4403 / 4404 / 4405	5 / 4406 / 440	7 //	
HIST 2302 - 3 hrs				MSCI 4X03 / 4360			
ENGL Literature Elec - 3 hrs							
Critical Examination of Creation and Community - 12-13 hr MATH 1304 or higher - 3 hrs	<u>'s</u>						
Science - 3-4 hrs (4-hr lab required for PLV students)							
POLS 2301 - 3 hrs							
EDUC 2307 - 3 hrs							
					Req.	Have	Need
Christian Foundations for Life in Community - 9 hrs				Total Hours in Teaching Field	38	0	38
RLGN 1301 - 3 hrs				Minimum GPA Required in Teaching Field	2.70		
RLGN 1302 - 3 hrs				COMPOSITE MAJOR (cont'd) - 27 hrs	luc4	U	C
BASC 1200 - 2 hrs and EXSS 1112 - 1 hr OR BASC 1301 - 3 hrs (required for EXT students)				Professional Education EDSP 2304 - 3 hrs	Inst.	Hours	Grade
BASC 1301 - 3 hrs (required for EXT students) GRAD 0001 - 0 hrs				EDUC 3313 - 3 hrs			
010AD 0001 - 0 1113				EDUC 3300 - 3 hrs			
DEGREE SPECIFIC GENERAL EDUCATION - 12 hrs				EDUC 3302 - 3 hrs			
	Inst.	Hours	Grade	EDLI 4325 - 3 hrs			
MATH 1306 or POLS/PSYC/SOCI 3411 - 3-4 hrs				EDUC 4313 - 3 hrs			
Lab Science - 4 hrs							
				EDUC 4319 - 3 hrs			
EXSS Activity - 1 hr				EDUC 4319 - 3 hrs EDUC 4663 - 6 hrs			
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs							
EXSS Activity - 1 hr							
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr	Req.	Have	Need	EDUC 4663 - 6 hrs	Req.	Have	Need
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs	<b>Req.</b> 54	<b>Have</b> 0	Need 54	EDUC 4663 - 6 hrs  Total Hours in Professional Education	27	Have 0	Need 27
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education				EDUC 4663 - 6 hrs  Total Hours in Professional Education  Minimum GPA Required in Professional Education	27 2.70	0	27
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes:				EDUC 4663 - 6 hrs  Total Hours in Professional Education  Minimum GPA Required in Professional Education  Upper-Level Hours in Composite Major	27		
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students:	54	0		EDUC 4663 - 6 hrs  Total Hours in Professional Education  Minimum GPA Required in Professional Education	27 2.70	0	27 46
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes:	54	0 nents.		EDUC 4663 - 6 hrs  Total Hours in Professional Education  Minimum GPA Required in Professional Education  Upper-Level Hours in Composite Major	27 2.70 46	0	27
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core	54 requiren	nents.		EDUC 4663 - 6 hrs  Total Hours in Professional Education  Minimum GPA Required in Professional Education  Upper-Level Hours in Composite Major  ELECTIVES - 13 hrs	27 2.70 46	0	27 46
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grade	54 requiren	nents.		EDUC 4663 - 6 hrs  Total Hours in Professional Education  Minimum GPA Required in Professional Education  Upper-Level Hours in Composite Major  ELECTIVES - 13 hrs  Elective - 3 hrs	27 2.70 46	0	27 46
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA overall.	requirentle below	nents. C. elow C.		Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs Elective - 3 hrs	27 2.70 46	0	27 46
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no	requirentle below	nents. C. elow C.		Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs	27 2.70 46	0	27 46
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA overall.	requirentle below grade be	nents. C. elow C.		Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs Elective - 3 hrs	27 2.70 46	0	27 46
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in	requirentle below grade be	nents. C. elow C.		Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs Elective - 3 hrs	27 2.70 46	0	27 46
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in	requirentle below grade be	nents. C. elow C.		Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs Elective - 3 hrs	27 2.70 46	0	27 46
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in	requirentle below grade be	nents. C. elow C.		Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives	27 2.70 46 Inst.	0 0 Hours	27 46 <b>Grade</b>
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ATentative course placement, dependent upon course	requirentle below grade be Gen. Ed grades:	nents. C. elow C.	54	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives	27 2.70 46 Inst.	Hours Have	27 46 Grade Need 13
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in	requirentle below grade be	nents. C. elow C.		Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives	27 2.70 46 Inst.	0 Hours	27 46 Grade
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ATentative course placement, dependent upon course  GRADUATION REQUIREMENTS:	requirer le below grade be n Gen. Ec grades:	nents. C. elow C.	54 Need	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ATentative course placement, dependent upon course  GRADUATION REQUIREMENTS: General Education	requirer le below grade be n Gen. Ec grades:	nents. C. elow C.	54 Need 54	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ATentative course placement, dependent upon course  GRADUATION REQUIREMENTS: General Education Composite Major - Teaching Field Composite Major (cont'd) - Professional Education Electives	requirer le below grade be n Gen. Ec grades:	nents. C. elow C. d.  Have 0 0	Need 54 38	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ATentative course placement, dependent upon course  GRADUATION REQUIREMENTS: General Education Composite Major - Teaching Field Composite Major (cont'd) - Professional Education Electives Additional Electives/Major/Minor (Optional)	requirer le below grade be n Gen. Ec grades: Req. 54 38 27 13 0	Have 0 0 0 0 0 0	Need 54 38 27 13 0	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ATentative course placement, dependent upon course  General Education Composite Major - Teaching Field Composite Major (cont'd) - Professional Education Electives Additional Electives/Major/Minor (Optional) Additional Electives/Major/Minor (Optional)	requirer le below grade be n Gen. Ec grades: Req. 54 38 27 13 0 0	0 nents. C. elow C. d.  Have 0 0 0 0 0	Need 54 38 27 13 0	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ^Tentative course placement, dependent upon course  General Education Composite Major - Teaching Field Composite Major (cont'd) - Professional Education Electives Additional Electives/Major/Minor (Optional) Additional Electives/Major/Minor (Optional) Less Dual-Counted Hours	requirent le below grade bette grades:  Req. 54 38 27 13 0 0 -8	0 nents. C. elow C. d. d.  Have 0 0 0 0 0 0	Need 54 38 27 13 0 0 -8	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13 +AH
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ATentative course placement, dependent upon course  General Education Composite Major - Teaching Field Composite Major (cont'd) - Professional Education Electives Additional Electives/Major/Minor (Optional) Additional Electives/Major/Minor (Optional) Less Dual-Counted Hours	requirer le below grade be n Gen. Ec grades: Req. 54 38 27 13 0 0	0 nents. C. elow C. d.  Have 0 0 0 0 0	Need 54 38 27 13 0	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ATentative course placement, dependent upon course  GRADUATION REQUIREMENTS: General Education Composite Major - Teaching Field Composite Major (cont'd) - Professional Education Electives Additional Electives/Major/Minor (Optional) Additional Electives/Major/Minor (Optional) Less Dual-Counted Hours Total Hours Required (Minimum 124)  Wayland Residency Hours Required	requirent le below grade bette grades:  Req. 54 38 27 13 0 0 -8	0 nents. C. elow C. d. d.  Have 0 0 0 0 0 0	Need 54 38 27 13 0 0 -8	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA in professional educ. with no 4. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  *Tentative course placement, dependent upon course  GRADUATION REQUIREMENTS: General Education Composite Major - Teaching Field Composite Major (cont'd) - Professional Education Electives Additional Electives/Major/Minor (Optional) Additional Electives/Major/Minor (Optional) Less Dual-Counted Hours Total Hours Required (Minimum 124)  Wayland Residency Hours Required Cumulative Upper-Level Hours Required	requirer le below grade be grades:  Req. 54 38 27 13 0 0 -8 124	0 nents. C. elow C. d. d.  Have 0 0 0 0 0 0 0 0 0	Need 54 38 27 13 0 0 -8 124	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13
EXSS Activity - 1 hr EDIT 2310 or MSCI 2311 - 3 hrs MSCI 3101 or 1-hr major capstone - 1 hr  Total Hours in General Education  Notes: Requirements for Education students: 1. Must make a C or better on Math and English core 2. Must have a 2.7 GPA in teaching field with no grad 3. Must have a 2.7 GPA overall.  *Elective hours may vary based upon courses taken in  ATentative course placement, dependent upon course  GRADUATION REQUIREMENTS: General Education Composite Major - Teaching Field Composite Major (cont'd) - Professional Education Electives Additional Electives/Major/Minor (Optional) Additional Electives/Major/Minor (Optional) Less Dual-Counted Hours Total Hours Required (Minimum 124)  Wayland Residency Hours Required	requirent le below grade below grades:  Req. 54 38 27 13 0 0 -8 124 31	0 nents. C. elow C. d. d.  Have 0 0 0 0 0 0 0	Need 54 38 27 13 0 0 -8 124	Total Hours in Professional Education Minimum GPA Required in Professional Education Upper-Level Hours in Composite Major ELECTIVES - 13 hrs  Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 3 hrs Elective - 1 hr  Total Hours in Electives Required Upper-Level Electives INSTITUTIONAL HOUR BREAKDOWN:	27 2.70 46 Inst.	Hours Have 0	27 46 Grade Need 13