

BS: Elementary Education — Biology (1 – 6) (126 S.H. required to complete the degree)

Name: _____ Adviser: _____



General Education Requirements (46 S.H.)

COMMUNICATION SKILLS (3 S.H.)* Choose one of the following: COM 160 Public Speaking*, COM 161 Decision Making in Groups*, COM 162 Interpersonal Communication* or COM 163 Introduction to Communication Skills*		
COM:	3	
WRITING INTENSIVE (W) * All students must complete at least one writing intensive course. W courses can be found in several disciplines. The credits will be counted in the discipline associated with the course. <i>NOTE: WRT 101 does not satisfy the writing intensive requirement.</i>		
Writing Intensive*	Y/N	
HUMANITIES (15 S.H.) Humanities courses can be found in seven areas including: Communications, Fine and Applied Arts <i>NOTE: Students may only use one studio course to satisfy this requirement</i>), Foreign Languages, Humanistic Studies, Literature, Philosophy, and History. You must complete courses in at least three areas. <i>NOTE: You must complete the foreign language requirement (Elementary II or higher) before counting Elementary I foreign language courses as Humanities credit.</i>		
Fine/Applied Arts	3	
Select one: ENG 105, ENG 106 or ENG 107	3	
HIS 148 American History to 1877	3	
HIS 149 American History since 1877	3	
Elective:		
SOCIAL AND BEHAVIORAL SCIENCES (12 S.H.) Courses that satisfy this requirement can be found in Social Sciences (Anthropology, Economics, Political Science, Social Sciences, and Sociology), Non-Western Cultures and Psychology.		
ANT 100 or SOC 100*	3	
GEO 100 Principles of World Geography *	3	
EPY 204 Adolescent Development in School *	3	
Elective:	3	
NATURAL SCIENCES, MATHEMATICS AND COMPUTER SCIENCE (16 S.H.) Students must complete two lab science and two math courses.		
MAT 105 Foundations of Math I *	4	
MAT 106 Foundations of Math II *	4	
Lab Science *BIO 103 General Biology I	4	
Lab Science *BIO 104 General Biology II	4	
HEALTH PROMOTION AND EXERCISE SCIENCES (2 S.H.)		
HPX 177 Fitness for Life — Lecture	1	
HPX 177 Fitness for Life — Activity	1	

*C or better is required for courses.
**B or better is required for courses.

NOTES

Major Requirements (80 S.H.)

BIOLOGY MAJOR REQUIREMENTS (37-39 S.H.) MINIMUM 3.0 G.P.A.		
BIO 200 Ecology	4	
BIO 205 Animal Physiology (Spring)	4	
BIO 310 Vertebrate Embryology or BIO 311 Developmental Biology	3	
BIO 312 Genetics (Fall)	4	
BIO 325 Evolution (Spring)	3	
BIO 360 Scientific Communication (Spring)	2	
BIO 480 Group Senior Research or BIO 490 Advanced Senior Research	3	
BIO Elective- 200 level or higher	2-4	
BIO Elective- 200 level or higher	2-4	
Science/Math Course: With Approval	3-4	
Science/Math Course: With Approval	3-4	
ELEMENTARY EDUCATION CERTIFICATION REQUIREMENTS (41 S.H.)		
EPY 203 Child Development in School Setting**	3	
ED 206 Becoming a Professional Educator**	3	
HPX 215 Health Issues in the Schools**	3	
PROFESSIONAL SEMESTER- COMPLETED AS 19 S.H. BLOCK		
ED 210 Foundations of Literacy I**	3	
ED 301 Foundations of Literacy II**	3	
EPY 405 Introduction to Special Education**	3	
ED 320 Professional Development School Experience**	1	
ED 415 Elementary School Science**	3	
ED 425 Elementary School Social Studies**	3	
ED 430 Foundations of Literacy III**	3	
STUDENT TEACHING- COMPLETED AS 13 S.H. BLOCK		
ED 340 Assessment of Teaching Strategies	1	
ED 341 Student Teaching	12	
EXAMS FOR STATE CERTIFICATION		
CT Foundations of Reading		
Praxis I (or waiver) Required for admittance to program		
Praxis II necessary for program completion and subsequent cert.		
LICENSE		
TK 20		

It is recommended that students take either the CHE 110/111 or CHE 120/121 sequences for the Science/Math Course with approval as part

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Four-Year Plan This is a sample sequence of courses. Other combinations are possible.



Prerequisites are in parentheses; see catalog for details.

Class standing by credit: Freshman: 0-29 credits; Sophomore: 30-59 credits; Junior: 60-89 credits; Senior: 90+ credits

FIRST YEAR (32 S.H.)	SEMESTER 1 (16 S.H.)			SEMESTER 2 (16 S.H.)		
	Writing Intensive: ENG 130W	3		Gen Ed: ANT 100 or SOC 100	3	
	ENG 104, 105, 106 or 107	3		Gen Ed: Fine Art	3	
	Gen. Ed: HIS 148 American History to 1877	4		Gen. Ed: HIS 149 American History from 1877	3	
	Gen. Ed: COM 160, 161, 162 or 163	3		Gen. Ed: GEO 100 Principles of World Geography	3	
	Gen. Ed: BIO103 General Biology I (MAT and WRT 098, or placement test)	3		Gen Ed: BIO104 General Biology II (≥ C in BIO 103)	4	

SECOND YEAR (33 S.H.)	SEMESTER 3 (16-17 S.H.)			SEMESTER 4 (16 S.H.)		
	Gen. Ed: MAT 105 Foundations of Math I (MAT 100 with a grade ≥ C or appropriate placement score)	4		Gen. Ed: MAT 106 Foundations of Math II (MAT 100 with a grade ≥ C)	4	
	BIO Elective- 200 level or higher	3-4		BIO 205 Animal Physiology (BIO 104 or BIO 110)	4	
	Gen. Ed: Humanities	3		HPX 177 (lecture and activity)	2	
	ED 206 Becoming a Professional Educator (GPA ≥ 3.0)	3		EPY 203 Child Development in School Setting (completion of 30 credits of course work and cumulative GPA ≥ 3.0)	3	
	BIO 200 Ecology (BIO 103 and BIO 104)	3		HPX 215 Health Issues in the Schools	3	

THIRD YEAR (31-34 S.H.)	SEMESTER 5 (16-17 S.H.)			SEMESTER 6 (18-19 S.H.)		
	BIO 312 Genetics (BIO 103, BIO 104 & junior standing)	3		BIO Elective: 200 level or higher	3-4	
	Gen Ed: EPY 204 Adolescent Development in School (completion of 30 credits and cumulative GPA ≥ 3.0)	3		Science or Math Course- with approval	3-4	
	BIO 310 Vertebrate Embryology (BIO 104 or BIO 110) OR BIO 311 (BIO 104 or BIO 110 and BIO 111 and junior standing in Biology)	4		BIO 325 Evolutionary Biology (BIO 312 or permission of instructor)	3	
	Science or Math Course –with approval	3		BIO 360 Scientific Communication (junior standing in Biology)	3	
	BIO 360 Scientific Communication (junior standing in Biology)	3		BIO 480 Group Senior Research (BIO 360 and senior standing) or BIO 490 (BIO 360 and GPA ≥ 3.0 in the major)	3	
	Complete a degree audit and plan for application for graduation			Gen Ed: Social & Behavioral Sciences	3	

FOURTH YEAR (29 S.H.)	SEMESTER 7 (19 S.H.)			SEMESTER 8 (16 S.H.)		
	EPY 405 Introduction to Special Education** (prerequisite EPY 203)	3		ED 340 Assessment of Teaching Strategies (Grade K-12)	1	
	ED 210 Foundations of Literacy I**	3		ED 341 Student Teaching- Elementary Majors	12	
	ED 301 Foundations of Literacy II**	3				
	ED 320 Professional Development School Experience**	1				
	ED 415 Elementary School Science**	3				
	ED 425 Elementary School Social Studies**	3				
ED 430 Foundations of Literacy III **	3					

Suggested Courses for approved Science or Math course requirements: CHE 110/111 and CHE 120/121

The Education Department requirements are outlined on the department website. Please note requirements for admission to the program, exams, certifications, professional education fees and student teaching policies.