

ATTENTION:
Changes to the course schedule/repeated coursework may affect your plan. **YOU** are responsible for ensuring all degree requirements are met. Please see an Academic Advisor at least once a year.

BACHELOR OF SCIENCE OR ARTS IN BIOLOGY TEACHING

IMPORTANT INFORMATION TO REMEMBER:

Students **MUST** complete a minimum of 40 Upper Division Hours (3000+ level courses)
 Students **MUST** complete a minimum of 36 Biology credit hours
 Students **MUST** complete a minimum of 69 Science credit hours
 Students **MUST** complete 21 Biology Residency Hours that **MUST** be taken at the U
 Students **MUST** complete **TWO** Biology Labs at the U

SCIENCE CORE

COURSE	TITLE	CREDITS	SEMESTER
MATH 1050 & MATH 1060 OR MATH 1080	COLLEGE ALGEBRA & TRIGONOMETRY OR PRECALCULUS	4 & 3 OR 5	
MATH 1170 OR MATH 1210	CALCULUS FOR BIOLOGIST I OR CALCULUS I	4	
MATH 1180 OR MATH 1220	STATS W/CALCULUS FOR BIOLOGIST II OR CALCULUS II	4	
CHEM 1210	GEN CHEMISTRY I	4	
CHEM 1215	GEN CHEMISTRY LAB I	1	
CHEM 1220	GEN CHEMISTRY II	4	
CHEM 1225	GEN CHEMISTRY LAB II	1	
CHEM 2310	ORGANIC CHEMISTRY I	4	
PHYS 2010	GENERAL PHYSICS I	4	
PHYS 2020	GENERAL PHYSICS II	4	

BIOLOGY CORE

COURSE	TITLE	CREDITS	SEMESTER
BIOL 1610	FUND. OF BIOLOGY I	4	
BIOL 1615	FUND. OF BIOLOGY LAB I	1	
BIOL 1620	FUND. OF BIOLOGY II	4	
BIOL 1625	FUND. OF BIOLOGY LAB II	1	
BIOL 2020 OR BIOL 2021	PRINC. OF CELL BIOLOGY OR PRINC. OF CELL SCIENCE (HONORS)	3 OR 4	
BIOL 2030	GENETICS	3	
BIOL 2325 OR BIOL 2420	HUMAN ANATOMY OR HUMAN PHYSIOLOGY	4 [L1] OR 4	
BIOL 3410	ECOLOGY & EVOLUTION	3	
BIOL 3310 OR BIOL 5350	COMP VERTEBRATE MORPHOLOGY OR	3 OR 3	

OR BIOL 5370	ORNITHOLOGY OR MAMMOLOGY	OR 3	
BIOL 3510	BIOLOGICAL CHEMISTRY	3	

CELLULAR & MOLECULAR BIOLOGY LAB COMPLETE 1 COURSE

COURSES CAN ONLY COUNT ONCE IN EACH SECTION

COURSE	TITLE	CREDITS	SEMESTER
BIOL 3125	MOL TOOLS FOR EVOL & POP BIOLOGY	3 [L2]	
BIOL 3215	CELL BIOLOGY LAB	2 [L1]	
BIOL 3515 OR CHEM 3515	BIOLOGICAL CHEMISTRY LAB I	3 [L1]	
BIOL 3525 OR CHEM 3525	MOLECULAR BIOLOGY OF DNA LAB	3 [L2]	
BIOL 4955	INDIVIDUAL RESEARCH	1-3 [L1- L2]	

ENVIRONMENTAL & ORGANISMAL BIOLOGY LAB COMPLETE 1 COURSE

COURSES CAN ONLY COUNT ONCE IN EACH SECTION

COURSE	TITLE	CREDITS	SEMESTER
BIOL 2355	FIELD BOTANY	2 [L1]	
BIOL 2425	HUMAN PHYSIOLOGY LAB	1 [L1]	
BIOL 3125	MOL TOOLS FOR EVOL & POP BIOLOGY	3 [L2]	
BIOL 3325	COMPARATIVE PHYSIOLOGY LAB	3 [L2]	
BIOL 3665	FORM, FUNCTION & ADAPTATION OF ANIMALS	3 [L2]	
BIOL 4955	INDIVIDUAL RESEARCH	1-3 [L1- L2]	

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COMPLETE 6 ADDITIONAL BIOLOGY UPPER DIVISION CREDIT HOURS AND 1 NEEDS TO BE A 5000-LEVEL BIOLOGY COURSE THAT IS AT LEAST 2 CREDIT HOURS

COURSE	TITLE	CREDITS	SEMESTER

OTHER BIOLOGY COURSES NEEDED FOR THE REQUIRED 36 BIOLOGY HOURS OR ADDITIONAL SCIENCE ELECTIVES

COURSE	TITLE	CREDITS	SEMESTER

ADVANCED OR APPLIED CHEMISTRY ELECTIVE COMPLETE 1 OF THE FOLLOWING

COURSE	TITLE	CREDITS	SEMESTER
BIOL 3520	BIOLOGICAL CHEMISTRY II	3	
GEO 2100	REACTIVE EARTH	3	
CHEM 3XXX-5XXX	CHOOSE A CHEMISTRY COURSE 3XXX-5XXX LEVEL	NEEDS TO BE AT LEAST 3 CREDITS	

REQUIRED EDUCATION COURSES COMPLETE 1 COURSE

COURSE	TITLE	CREDITS	SEMESTER
EDU 1010	INTRO TO TEACHING	3	
SCI 5050	THE SCIENCE OF LEARNING	1	

COMPLETE 1 COURSE

COURSE	TITLE	CREDITS	SEMESTER
ETHNC 2550	AFRICN AMER EXPERIENCES	3	
ETHNC 2570	AMERICAN INDIAN EXPER	3	
ETHNC 2580	ASIAN AMERICAN EXPER	3	
ETHNC 2590	PACIFIC ISLANDER AM EXP	3	

COMPLETE 1 COURSE

COURSE	TITLE	CREDITS	SEMESTER
ECS 2150	INTRO TO MULTICULTURAL EDU	3	
SCI 3900	BEING HUMAN IN STEM	3	

COMPLETE ALL COURSES

COURSE	TITLE	CREDITS	SEMESTER
ED PS 3721	ADOLESCENTS DEVELOPMENT GRADES 7-12	3	
EDU 5170	SECONDARY SCIENCE METHODS	3	
ECS 5709	BUILDING FAMILY PARTNERSHIPS	3	

IMPORTANT INFORMATION TO REMEMBER:

Students interested in obtaining a Secondary Education Teaching License MUST contact the Secondary Education Advisor for information on licensure coursework. A Secondary Education degree audit should also be generated based on the year the student was admitted to the University of Utah

OPTIONAL SCIENCE ELECTIVES FOR ENDORSEMENT IN ENVIROMENTAL SCIENCE

COMPLETE 1 COURSE

COURSE	TITLE	CREDITS	SEMESTER
GEO 1100	EVOLVING EARTH	3	
GEO 3030	LIVING WITH QUAKES	3	

COMPLETE 1 COURSE

COURSE	TITLE	CREDITS	SEMESTER
ATMOS 1010	SEVERE/UNUSUAL WEATHER	3	
ATMOS 1020	CLIMATE CHANGE	3	
GEO 3800	THE OCEANS	3	