

4-Year Academic Plan: Biology Education

The following is a sample outline demonstrating 4-year completion of this bachelor's degree. Each student's reality will vary slightly, as this plan does not include transfer work, Advanced Placement (AP), or concurrent enrollment credits. Math and English placement will be based on the student's ACT/SAT scores. PLEASE NOTE: The following plan assumes students are prepared to take the Math course listed. If prerequisites are required, additional semesters may be required to complete degree.

This is a **GUIDE ONLY**. Please meet with your academic advisor and consult DegreeWorks for specifics.

1st Year Fall (15 credits)					1st Year Spring (16 credits)				
BIOL	1610/15	General Biology I/Lab	4	F/S/Su	BIOL	1620/25	General Biology II/Lab	4	F/S/Su
MATH	1050	College Algebra	4	F/S/Su	MATH	1040	Statistics	4	F/S/Su
ENGL	1010	Intro. to Academic Writing	3	F/S/Su	BIOL	3010/15	General Microbiology	4	F/S
XXXX	XXXX	Fine Arts GE	3	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
EDGE	1010	Program Intro.	1	F/S/Su	LM	1010	Information Literacy	1	F/S/Su
2nd Year Fall (16 credits)					2nd Year Spring (17 credits)				
BIOL	XXXX	*Human Based Course	4		BIOL	3060/65	Genetics	4	F/S
BIOL	3030/35	Ecology	4	F/S	CHEM	1120/25	Elementary org. bio. Chemistry	6	F/S/Su
CHEM	1110/15	**Elementary Chemistry	4	F/S/Su	EDUC	3200	Secondary Ed. Psychology	3	F/S
EDUC	3000	Prin. of Teaching and Learning	3	F/S	CSIS	1000	Computer Literacy	3	F/S/Su
EDGE	3XXX	*Project Proposal	1	F/S/Su	EDGE	4XXX	*Program Completion	1	F/S/Su
3rd Year Fall (16 credits)					3rd Year Spring (16 credits)				
BIOL	3110	Evolution	3	F/S	BIOL	XXXX	*Animal Based Course	4	
SPED	3030	Educating Exceptional Students	3	F/S	EDUC	3180	Educational Decision Making	3	F/S
SCED	3400	Educating Diverse Populations	3	F/S	SCED	3720	Content Area Lit. & Comm. Core	3	F/S
BIOL	XXXX	*Biology Restricted Elective	4		XXXX	XXXX	Humanities GE	3	
XXXX	XXXX	Soc. and Behavioral Sci. GE	3		BIOL	XXXX	Biology restricted electives	3	F/S
4th Year Fall (16 credits)					4th Year Spring (12 credits)				
BIOL	4900	Biology Teaching Methods	3	F	SCED	4520	Practicum/Induction Seminar	2	F/S
BIOL	XXXX	*Plant Based Course	4		SCED	4980	Secondary Student Teaching	8	F/S
SCED	3570	Secondary Classroom Mgmt	3	F/S	BIOL	4980	Student Teaching	2	F/S
SCED	3590	Planning, Delivery, Assessment	3	F/S					
XXXX	XXXX	American Insitutions GE	3						

Color Key:

- General Education Courses (green)
- EDGE Program Courses (orange)
- Major-required courses that also fulfill GE requirement (purple)
- Major Courses (black)
- Electives/minor/etc. (red)
- Secondary Education Licesure Requirements (blue)

Other Notes:

- (*) See catalog for options
- (**) This plan reflects the track 1 chemistry option in the major. Students who are considering Biology for graduate school will likely need track 2. Track 2 will probably add an additional semester to their academic plan.
- Students electing to complete a Bachelor of Arts will take 16 credits of one foreign language (not included here)