



**Bachelor of Science in Biology Education
Teacher Education Program – Secondary Education
Advising Worksheet – See also Course Catalog**

A minimum of 49 hours in BIO and related disciplines, plus teacher education program including:

Course Number	Course Title	Semester Completed	Grade	Credits
BIO 120	Principles of Biology			
BIO 203	Genetics			
BIO 306	Evolution			
BIO 312	Cell Biology			
Also required:				
CHM 101	General Chemistry I			
CHM 102	General Chemistry II			
Choose either:				
CHM 220	Fundamental Organic Chemistry			
Or:				
CHM 251	Organic Chemistry I			
CHM 252	Organic Chemistry II			
Choose either:				
PHS 101	Fundamental Physics I			
PHS 102	Fundamental Physics II			
Or:				
PHS 201	General Physics I			
PHS 202	General Physics II			
Choose one of the following courses in Cell and Molecular Biology:				
BIO 350	Microbiology			
BIO 355	Immunology			
BIO 357	Cancer Biology			
BIO/CHM 452	Biochemistry I			
BIO/CHM 460	Biochemistry II			
Choose one of the following courses in Ecology and Behavior:				
BIO 311	Botany			
BIO 347	Animal Behavior			
BIO 410	Conservation Biology			

BIO 415	Ecology			
Choose one of the following courses in Structure and Function:				
BIO 305	General Vertebrate Zoology			
BIO 317	Ornithology			
BIO 321	Human Anatomy and Physiology I			
BIO 322	Human Anatomy and Physiology II			
BIO 324	Developmental Biology			
Choose one of the following capstone courses:				
BIO 415	Ecology			
BIO 427	Molecular Genetics			
BIO 454	Virology			
Only 3 credits of the following electives may count toward the 29 minimum required BIO credits:				
BIO 143	Introduction to Research I			
BIO 243	Introduction to Research II			
BIO 343	Introduction to Research III			
BIO 443	Advanced Biology Research			
Choose electives to bring the credit total in BIO (or approved ESC and EQS course) to at least 29:*				
Also required:				
EDC 320	Teaching Content Courses in Secondary Education			
In addition, students must complete all of the requirements of the professional education program for secondary teaching (grades 5-12) as described in the "Education" section of the catalog.				

*BIO 450 Internship credits do not count toward the 29 semester hour BIO minimum. The following courses are eligible to count as electives for biology: ESC 307, ESC 314, and ESC 325. EQS 300 will be accepted as biology elective credit for students who have successfully completed BIO 120, CHM 101, and CHM 102.

Additional graduation requirements for a bachelor's degree:

- 120 semester hours completed: _____
- No more than 64 semester hours counted from two-year colleges: _____
- Completion of core curriculum requirements: _____
- 39 upper division credits (including 12 in a major, 6 in a minor if one is chosen, 20 at RMC): _____
- Minimum of 30 hours from RMC (including 24 of the last 30 hours): _____
- 2.00 cumulative GPA: _____ (3.00 for education majors)
- 2.25 cumulative GPA for courses taken for the major: _____ (3.00 for education majors)
- Application for graduation submitted (see academic calendar for due dates): _____

Note: This worksheet is only a tool to help in the advising process. Please refer to the course catalog to verify additional degree requirements. Students should meet with their advisor regularly and keep track of progress toward their degree. rev 11/2021