

Bachelor of Science in Education – Certification in Secondary Biology (Grades 9-12)

Test Scores	English:	Math:	Reading:	Science:	Composite:
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Freshman Fall (16.5 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
HLG 011	Freshman Seminar	1			
MTH	Math 127, 131, 143, 153, or 185 (Min. Grade C-)	3			
Professional Education Requirements					
EDU 223	Psychology of Learning [†]	3			
EDU 100	Field Experience I [†]	.5			
Content Requirements					
BIO 234	General Biology I*	4			
CHM 135	College Chemistry I*	5			

Freshman Spring (17 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
ENG 104	English Composition I (Min. Grade C-)	3			
MTH 153	Pre-Calculus	5			
Content Requirements					
BIO 244	General Biology II**	4			
CHM 145	College Chemistry II**	5			

Sophomore Fall (16.5 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
CAS 101	Intro to Speech Comm (Min. Grade C-)	3			
ENG 106	English Composition II (Min. Grade C-)	3			
HST/PLS	History/Government	3			
Professional Education Requirements					
EDU 200	Field Experience II [†]	.5			
EDU 203	Curriculum & Instruction [†]	3			
Content Requirements					
PHY 214	General Physics I*	4			
Apply for Admittance into Teacher Education Program (Professional & Content GPA's must be 2.75)					

Sophomore Spring (17 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
HST ____	History Course	3			
Professional Education Requirements					
EDU 213	Lit for Diverse Learners	3			
Content Requirements					
BIO 324	Anatomy & Physiology II**	4			
BIO 333	General Ecology ** (odd yr) or	3			
SCI 303	Hist & Phil of Science** (even yr)				
BIO 344	Microbiology**	4			
Admittance into Teacher Education Program					
Date: _____					

Junior Fall (17 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
BIB 113	Old Testament or	3			
BIB 123	New Testament				
PE Act	Physical Activity Course (odd yr)	1			
Professional Education Requirements					
EDU 383	Ed Tests & Measurement	3			
Content Requirements					
BIO 314	Anatomy & Physiology I*	4			
BIO 354	General Genetics* (even yr) or	4			
BIO 423	Princ of Cell Biology* (odd yr)	3			
PHS 1_3 or	Earth Science I or II* (even yr) or	3			
BIO 372 & BIO 492	Biology Field Pract (odd yr) and Special Prob/Research (odd yr)				

Junior Spring (18 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
Fine Arts	Fine Arts Course	3			
Professional Education Requirements					
EDU 273	Psych & Ed of Except. Child	3			
PSY 263	Child & Adolescent Psych	3			
SED 336	Rdg & Writing in Content**	3			
SED 403	Classroom Management**	3			
Content Requirements					
BIO 333	General Ecology ** (odd yr) or	3			
SCI 303	Hist & Phil of Science** (even yr)				

* Offered fall semester only, ** Offered spring semester only, † Must be taken concurrently

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Senior Fall (16 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
LIT ____	Literature Course	3			
PHE 212	First Aid & CPR	2			
PE Act	Physical Activity Course (odd yr)	1			
Professional Education Requirements					
EDU 301	Content Area Field Exp [†]	1			
SED 423	Sec Ed Methods in Content ^{†*}	3			
Content Requirements					
BIO 354	General Genetics* (even yr) or	4			
BIO 423	Princ of Cell Biology* (odd yr)	3			
PHS 1_3 or	Earth Science I or II* (even yr) or	3			
BIO 372 &	Biology Field Pract (odd yr) and				
BIO 492	Special Prob/Research (odd yr)				
Apply for Student Teaching Placement; Take Missouri Content Assessment (Professional & Content GPA's must be 3.0)					

Senior Spring (12 hrs)		Cr.	Semester	Grade	Course ID
Professional Education Requirements					
EDU 479	Professional Semester (Student Teaching)	12			
NOTES:					
<ul style="list-style-type: none"> The Teacher Education Program requires a grade of C- or higher for all professional education and content area courses. Students must have a MO Content Assessment score on file to earn a grade in Student Teaching. 					

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