

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

Test Scores	English:	Math:	Reading:	Science:	Composite:
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Freshman Fall (15.5 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
HLG 011	Freshman Seminar	1			
ENG 104	English Composition I (Min. Grade C-)	3			
HST/PLS	History/Government	3			
Professional Education Requirements					
EDU 223	Psychology of Learning [†]	3			
EDU 100	Field Experience I [†]	.5			
Content Requirements					
MTH 185	Calculus I*	5			

Freshman Spring (17 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
BIB 113	Old Testament or	3			
BIB 123	New Testament				
CAS 101	Intro to Speech Comm (Min. Grade C-)	3			
ENG 106	English Composition II (Min. Grade C-)	3			
Professional Education Requirements					
EDU 213	Lit for Diverse Learners	3			
Content Requirements					
MTH 186	Calculus II**	5			

Sophomore Fall (17-18 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
	Non-Life Science Course (one gen ed science must have lab)	3-4			
Professional Education Requirements					
PSY 263	Child & Adolescent Psych	3			
Content Requirements					
MTH 127	Elementary Statistics* or	3			
MTH 310	Technology in Math* (even yr)				
MTH 354	Linear Algebra* (odd yr) or	3			
MTH 413	History of Math* (even yr)				
MTH 215	Calculus III*	5			
Apply for Admittance into Teacher Education Program (Professional & Content GPA's must be 2.75)					

Sophomore Spring (15.5 hrs)		Cr.	Semester	Grade	Course ID
Major Requirements					
HLG 010	Chapel	0			
_____	Elective Course	3			
Professional Education Requirements					
EDU 200	Field Experience II [†]	.5			
EDU 203	Curriculum & Instruction [†]	3			
Content Requirements					
MTH 210	Discrete Math** (even yr) or	3			
CIS 203	Programming Fundamentals**				
MTH 223	Differential Equations**	3			
MTH 343	Modern Geometry** (odd yr) or	3			
MTH 353	Modern Abstract Alg* (even yr)				
Admittance into Teacher Education Program Date: _____					

Junior Fall (16-17 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
Life Science	Life Science Course (BIO 105 recommended)	3-4			
PHE 212	First Aid & CPR	2			
Professional Education Requirements					
EDU 301	Content Area Field Exp [†]	1			
SED 423	Sec Ed Methods in Content ^{†*}	3			
Content Requirements					
MTH 127	Elementary Statistics* or	3			
MTH 310	Technology in Math* (even yr)				
MTH 401	Seminar in Math I* (odd yr) or	1			
MTH 402	Seminar in Math II* (even yr)				
MTH 354	Linear Algebra* (odd yr) or	3			
MTH 413	History of Math* (even yr)				

Junior Spring (16 hrs)		Cr.	Semester	Grade	Course ID
General Education Requirements					
HLG 010	Chapel	0			
HST _____	History Course	3			
_____	Physical Activity Course	1			
Professional Education Requirements					
SED 336	Rdg & Writing in Content**	3			
SED 403	Classroom Management**	3			
Content Requirements					
MTH 210	Discrete Math** (even yr) or	3			
CIS 203	Programming Fundamentals**				
MTH 343	Modern Geometry** (odd yr) or	3			
MTH 353	Modern Abstract Alg* (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			
Fine Arts	Fine Arts Course	3			
LIT ____	Literature Course	3			
_____	Elective Course	3			
Professional Education Requirements					
EDU 273	Psych & Ed of Except. Child	3			
EDU 383	Ed Tests & Measurement	3			
Content Requirements					
MTH 401	Seminar in Math I* (odd yr) or	1			
MTH 402	Seminar in Math II* (even 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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