

Note that this is a "Typical Program." Actual programs will vary. See the Academic Catalog for official details.

MATHEMATICS EDUCATION B.S. DEGREE**Advisor: Dr. Rice**

Fall 2016			Spring 2017		
<u>MA 165:</u>	<u>Intro to Discrete Mathematics²</u>	3	<u>MA 172:</u>	<u>Analytic Geometry & Calculus II</u>	4
<u>MA 171:</u>	<u>Analytic Geometry & Calculus I</u>	4	HS 116:	Hist Persp on Cult & Civ II	3
<u>PY 111:</u>	<u>Introduction to Psychology</u>	3	EN 151:	Perspectives on Literature	3
HS 115:	Hist Persp on Cult & Civ I	3	BR 111:	Biblical History and Literature	3
EN 121:	Academic Writing and Research	3	EX 101:	Wellness for Life	2
		total 16			total 15
Fall 2017			Spring 2018		
<u>ED 212:</u>	<u>Introduction to Education</u>	2	<u>ED 296:</u>	<u>Soph. Practicum for MS and HS</u>	1
<u>ED 236:</u>	<u>Education Psychology⁵</u>	3	* <u>MA 351:</u>	<u>Geometry</u>	4
<u>MA 205:</u>	<u>Intro to Mathematical Proofs</u>	1	* <u>MA 371:</u>	<u>Differential Equations</u>	4
<u>MA 273:</u>	<u>Analytic Geometry & Calculus III</u>	4	<u>SE 234:</u>	<u>Educ of the Except Adolescent</u>	2
	Creative Studio Arts	1	MI 285:	Core Curriculum Christian Faith	3
	Laboratory Science	4		Core Curriculum Social Science	3
		total 15			total 17
Fall 2018			Spring 2019		
<u>CS 111:</u>	<u>Introduction to Computer Science</u>	4	<u>ED 320:</u>	<u>Adolescent Curric and Method⁴</u>	3
<u>ED 311:</u>	<u>Early Adol Curric & Method</u>	3	* <u>MA 311:</u>	<u>Elements of Linear Algebra</u>	4
<u>ED 364:</u>	<u>Assess Strat for Secondary Ed</u>	2	CO 215:	Public Speaking	3
* <u>MA 431:</u>	<u>Introduction to Real Analysis</u>	4	115:	Introduction to AR/DM/MU/TH	2
* <u>MA 471:</u>	<u>Mathematical Statistics</u>	4		Laboratory Science	4
		total 17			total 16
Fall 2019			Spring 2020		
<u>ED410_{MAT}:</u>	<u>Math Curriculum and Method</u>	2	<u>ED 440:</u>	<u>Topics & Problems in Education</u>	2
* <u>MA 411:</u>	<u>Abstract Algebra</u>	4	<u>ED 460:</u>	<u>Student Teaching in Secondary</u>	10
<u>MA 481:</u>	<u>Seminar in Math Sciences</u>	1			
BR____:	Bible Elective [300+ level]	3			
PL____:	Introduction to Philosophy/Ethics	3			
		total 13			total 12

NOTES:

- Students who take mathematics or computer science courses must demonstrate satisfactory mathematics placement scores prior to enrolling in their intended mathematics or computer science courses (*see mathematics placement policy in Catalog under Academic Information*).
- MA 165 can be taken in the fall semester of the sophomore year.
- ED 395 Multicultural Practicum in Teaching should be scheduled during January Term of the junior or senior year.
- Students are expected to complete ED 236 before enrolling in ED 320 unless they must enroll concurrently to prepare for ED 410 in the next fall semester.
- Mathematics Education majors are strongly encouraged to audit or take MA 111 and MA 112 as electives.

*Indicates alternating year course.

Underlining indicates required for major.