

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. Dobbs

Fall 2014			Spring 2015		
<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 2015			Spring 2016		
<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 2016			Spring 2017		
<u>CS 116:</u>	<u>Computer Concepts & Program I³</u>	4	<u>ED 320:</u>	<u>Adolescent Curric and Method⁵</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 2017			Spring 2018		
* <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:

1. 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*).
2. MA 165 can be taken in the fall semester of the sophomore year.
3. CS 111 and CS 117 may be taken in place of CS 116.
4. ED 395 Multicultural Practicum in Teaching should be scheduled during January Term of the junior or senior year.
5. 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.
6. 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.