

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. Lehman**

<b>Fall 2013</b>			<b>Spring 2014</b>		
<u>MA 165:</u>	<u>Intro to Discrete Mathematics<sup>2</sup></u>	3	<u>MA 172:</u>	<u>Analytic Geometry &amp; Calculus II</u>	4
<u>MA 171:</u>	<u>Analytic Geometry &amp; 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	PE 110:	Introduction to Physical Wellness	1
			115:	Introduction to AR/MU/TH	2
	<b>total</b>	<b>16</b>		<b>total</b>	<b>16</b>
<b>Fall 2014</b>			<b>Spring 2015</b>		
<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 Psychology<sup>5</sup></u>	3	<u>ED 320:</u>	<u>Adolescent Curric and Method<sup>5</sup></u>	3
<u>MA 205:</u>	<u>Intro to Mathematical Proofs</u>	1	* <u>MA 311:</u>	<u>Elements of Linear Algebra</u>	4
<u>MA 273:</u>	<u>Analytic Geometry &amp; 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
	<b>total</b>	<b>15</b>		<b>total</b>	<b>16</b>
<b>Fall 2015</b>			<b>Spring 2016</b>		
<u>CS 116:</u>	<u>Computer Concepts &amp; Program I<sup>3</sup></u>	4	* <u>MA 351:</u>	<u>Geometry</u>	4
<u>ED 311:</u>	<u>Early Adol Curric &amp; Method</u>	3	* <u>MA 371:</u>	<u>Differential Equations</u>	4
<u>ED 364:</u>	<u>Assess Strat for Secondary Ed</u>	2	CO 215:	Public Speaking	3
* <u>ED410<sub>MAT</sub>:</u>	<u>Math Curriculum and Method</u>	2		Laboratory Science	4
* <u>MA 411:</u>	<u>Abstract Algebra</u>	4			
PE 111:	Physical Education Activities	1			
	<b>total</b>	<b>16</b>		<b>total</b>	<b>15</b>
<b>Fall 2016</b>			<b>Spring 2017</b>		
* <u>MA 431:</u>	<u>Introduction to Real Analysis</u>	4	<u>ED 440:</u>	<u>Topics &amp; Problems in Education</u>	2
* <u>MA 471:</u>	<u>Mathematical Statistics</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			
	<b>total</b>	<b>15</b>		<b>total</b>	<b>12</b>

**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.