

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

MATHEMATICS EDUCATION B.S. DEGREE

Advisor: Dr. Jones

Fall 2005

HS 115: Hist Persp on Cult & Civ I	3
EN 121: Academic Writing & Research	3
BR 111: Biblical History & Literature	3
<u>MA 171: Analytic Geometry & Calculus I</u>	4
<u>PY 111: Introduction to Psychology</u>	3

total 16

Spring 2006

HS 116: Hist Persp on Cult & Civ II	3
EN 151: Introduction to Literature	3
<u>MA 165: Discrete Mathematics¹</u>	3
PE 110: Introduction to Physical Wellness	1
115: Introduction to AR/MU/TH	2
<u>MA 172: Analytic Geometry & Calculus II</u>	4

total 16

Fall 2006

Laboratory Science	4
PE 111: Physical Education Activities	1
<u>ED 212: Introduction to Education</u>	3
<u>ED 296: Soph. Pract. for Mid Sch & High Sch</u>	1
<u>MA 205: Intro. to Mathematical Proofs</u>	1
<u>MA 273: Analytic Geom & Calc III</u>	4
<u>SE 234: Educ of the Except Adolescent</u>	2

total 16

Spring 2007

Applied Creative Arts	2
CO 215: Public Speaking	3
Laboratory Science	4
<u>ED 236: Ed Psychology - Secondary</u>	4
* <u>MA 311: Elementary Linear Algebra</u>	4

total 17

Fall 2007

BR : Bible Elective [300+ level]	3
<u>CS 116: Computer Concepts & Prog I²</u>	4
<u>ED 311: Early Adolescent Curric and Method</u>	3
* <u>ED 410mat: Mathematics Curriculum & Methods</u>	2
* <u>MA 411: Abstract Algebra</u>	4

total 16

Spring 2008

Core Curriculum Social Science	3
MI 285: Understanding the Christian Faith	3
<u>ED 320: Instructional and Mgmt Strategies</u>	3
* <u>MA 351: Geometry</u>	4
* <u>MA 371: Differential Equations</u>	4

total 17

Fall 2008

PL 220: Introduction to Philosophy	3
CAP 475: Capstone Seminar	2
* <u>MA 431: Intro. to Real Analysis</u>	4
* <u>MA 471: Math Statistics</u>	4
<u>MA 481: Seminar in Math Sciences</u>	1

total 14

Spring 2009

<u>ED 440: Topics & Problems</u>	2
<u>ED 460: Student Teaching</u>	10

total 12

NOTES:

1. MA 165 can be taken in the fall semester of the sophomore year.
2. CS 111 and CS 117 may be taken in place of CS 116.
3. ED 395 Practicum in Teaching should be scheduled during January Term of the junior or senior year.
4. Mathematics Education majors are strongly encouraged to audit or take MA 111 and MA 112 as electives.