

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

**MATHEMATICS B.S. DEGREE**

**Advisor: Dr. F. Jones**

<b>Fall 2008</b>		<b>Spring 2009</b>	
<u>MA 165</u> : <u>Intro to Discrete Mathematics</u> <sup>3</sup>	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
HS 115: Hist Persp on Cult & Civ I	3	EN 151: Perspectives on Literature	3
EN 121: Academic Writing and Research	3	BR 111: Biblical History and Literature	3
PE 110: Introduction to Physical Wellness	1	Core Curriculum Social Science	3
SS 111: University Life <sup>2</sup>	.5		
Creative Studio Arts	1		
<b>total</b>	<b>15.5</b>	<b>total</b>	<b>16</b>
<b>Fall 2009</b>		<b>Spring 2010</b>	
CS 116: <u>Computer Concepts &amp; Program I</u> <sup>4</sup>	4	* <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 &amp; Calculus III</u>	4	<u>PH 212</u> : <u>Principles of Physics II</u>	4
<u>PH 211</u> : <u>Principles of Physics I</u>	4	MI 285: Core Curriculum Christian Faith	3
115: Introduction to AR/MU/TH	2		
<b>total</b>	<b>15</b>	<b>total</b>	<b>15</b>
<b>Fall 2010</b>		<b>Spring 2011</b>	
* <u>MA 431</u> : <u>Introduction to Real Analysis</u>	4	* <u>MA 311</u> : <u>Elements of Linear Algebra</u>	4
* <u>MA 471</u> : <u>Math Statistics</u>	4	PL____: Introduction to Philosophy/Ethics	3
CO 215: Public Speaking	3	Core Curriculum Social Science	3
PE 111: Physical Education Activities	1	Electives	6
Elective	3		
<b>total</b>	<b>15</b>	<b>total</b>	<b>16</b>
<b>Fall 2011</b>		<b>Spring 2012</b>	
* <u>MA 411</u> : <u>Abstract Algebra</u>	4	<u>MA 490</u> : <u>Independent Study</u>	4
<u>MA 481</u> : <u>Seminar in Math Sciences</u>	1	BR____: Bible Elective [300+ level]	3
<u>MA 490</u> : <u>Independent Study</u>	4	CAP 475: Capstone Seminar	2
Electives	6	Electives	6
<b>total</b>	<b>15</b>	<b>total</b>	<b>15</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. SS 111 is required in the fall semester of the freshman year for first-time freshman only.
3. MA 165 may be taken in the fall semester of the sophomore year.
4. CS 111 and CS 117 may be taken in place of CS 116.

\*Indicates alternating year course.

Underlining indicates required for major.