

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

**MATHEMATICS B.A. DEGREE**

**Advisor: Dr. Dobbs**

<b>Fall 2015</b>		<b>Spring 2016</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
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
EX 101:	Wellness for Life	2		Core Curriculum Social Science	3
	<b>total</b>	<b>15</b>		<b>total</b>	<b>16</b>
<b>Fall 2016</b>		<b>Spring 2017</b>			
<u>MA 205</u> :	<u>Intro to Mathematical Proofs</u>	1	<u>CS 111</u> :	<u>Introduction to Computer Science</u>	4
<u>MA 273</u> :	<u>Analytic Geometry &amp; Calculus III</u>	4	* <u>MA 311</u> :	<u>Elements of Linear Algebra</u>	4
	Core Curriculum Social Science	3	MI 285:	Core Curriculum Christian Faith	3
	Foreign Language	3	115:	Introduction to AR/DM/MU/TH	2
	Laboratory Science	4		Foreign Language	3
	<b>total</b>	<b>15</b>		<b>total</b>	<b>16</b>
<b>Fall 2017</b>		<b>Spring 2018</b>			
* <u>MA 411</u> :	<u>Abstract Algebra</u>	4	* <u>MA 351</u> :	<u>Geometry</u>	4
PL_____:	Introduction to Philosophy/Ethics	3	* <u>MA 371</u> :	<u>Differential Equations</u>	4
	Foreign Lang/Cult Enrichment	3		Foreign Lang/Cult Enrichment	3
	Laboratory Science	4		Elective	4
	<b>total</b>	<b>14</b>		<b>total</b>	<b>15</b>
<b>Fall 2018</b>		<b>Spring 2019</b>			
* <u>MA 431</u> :	<u>Introduction to Real Analysis</u>	4	BR_____:	Bible Elective [300+ level]	3
* <u>MA 471</u> :	<u>Mathematical Statistics</u>	4	CO 215:	Public Speaking	3
<u>MA 481</u> :	<u>Seminar in Math Sciences</u>	1		Creative Studio Arts	1
	Electives	7		Electives [300+ level] <sup>3</sup>	8
	<b>total</b>	<b>16</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. MA 165 may be taken in the fall semester of the sophomore year.
3. Majors must be careful in selection of electives so that a sufficient number of upper division courses are taken. A minimum of 36 hours of 300+ courses is required for graduation.

\*Indicates alternating year course.

Underlining indicates required for major.