

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

**MATHEMATICS B.S. DEGREE****Advisor: Dr. Lehman****Computational Track**

<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
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
	Creative Studio Arts	1			
	<b>total</b>	<b>15</b>		<b>total</b>	<b>16</b>
<b>Fall 2014</b>			<b>Spring 2015</b>		
<u>CS 116:</u>	<u>Computer Concepts &amp; Program I<sup>3</sup></u>	4	<u>CS 216:</u>	<u>Programming II</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	MI 285:	Core Curriculum Christian Faith	3
115:	Introduction to AR/MU/TH	2	PE 111:	Physical Education Activities	1
	Laboratory Science	4		Laboratory Science	4
	<b>total</b>	<b>15</b>		<b>total</b>	<b>15</b>
<b>Fall 2015</b>			<b>Spring 2016</b>		
* <u>CS 325:</u>	<u>Data Structures</u>	4	* <u>MA 351:</u>	<u>Geometry</u>	4
* <u>MA 411:</u>	<u>Abstract Algebra</u>	4	* <u>MA 371:</u>	<u>Differential Equations</u>	4
	<u>Computational Track Elective</u>	3	PL____:	Introduction to Philosophy/Ethics	3
CO 215:	Public Speaking	3		Core Curriculum Social Science	3
	Elective	3			
	<b>total</b>	<b>17</b>		<b>total</b>	<b>14</b>
<b>Fall 2016</b>			<b>Spring 2017</b>		
* <u>MA 431:</u>	<u>Introduction to Real Analysis</u>	4	<u>MA 490:</u>	<u>Independent Study</u>	4
* <u>MA 471:</u>	<u>Math Statistics</u>	4	BR____:	Bible Elective [300+ level]	3
<u>MA 481:</u>	<u>Seminar in Math Sciences</u>	1		Electives	8
	Electives	6			
	<b>total</b>	<b>15</b>		<b>total</b>	<b>15</b>

**NOTES:**

- 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*).
- MA 165 may be taken in the fall semester of the sophomore year.
- CS 111 and CS 117 may be taken in place of CS 116.
- Must take 3 credits from either MA 490 or a computer science (CS) course numbered above 300.

\*Indicates alternating year course.

Underlining indicates required for major.