

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

MATHEMATICS B.A. DEGREE**Advisor: Dr. F. Jones**

Fall 2011		Spring 2012			
<u>MA 165</u> :	<u>Intro to Discrete Mathematics</u> ²	3	<u>MA 172</u> :	<u>Analytic Geometry & Calculus II</u>	4
<u>MA 171</u> :	<u>Analytic Geometry & 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
115:	Introduction to AR/MU/TH	2			
	total	16		total	16
Fall 2012		Spring 2013			
<u>MA 205</u> :	<u>Intro to Mathematical Proofs</u>	1	<u>CS 116</u> :	<u>Computer Concepts & Program I</u> ³	4
<u>MA 273</u> :	<u>Analytic Geometry & 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		Foreign Language	3
	Laboratory Science	4		Creative Studio Arts	1
	total	15		total	15
Fall 2013		Spring 2014			
* <u>MA 411</u> :	<u>Abstract Algebra</u>	4	* <u>MA 351</u> :	<u>Geometry</u>	4
PE 111:	Physical Education Activities	1	* <u>MA 371</u> :	<u>Differential Equations</u>	4
	Laboratory Science	4		Foreign Lang/Cult Enrichment	3
	Foreign Lang/Cult Enrichment	3		Elective [300+ level] ⁴	2
	Elective	3		Elective	3
	total	15		total	16
Fall 2014		Spring 2015			
* <u>MA 431</u> :	<u>Introduction to Real Analysis</u>	4	CO 215:	Public Speaking	3
* <u>MA 471</u> :	<u>Mathematical Statistics</u>	4	BR ____:	Bible Elective [300+ level]	3
<u>MA 481</u> :	<u>Seminar in Math Sciences</u>	1	PL ____:	Introduction to Philosophy/Ethics	3
	Electives	5		Electives [300+ level] ⁴	6
	total	14		total	15

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.
- 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.