

Major: MATHEMATICAL SCIENCES
 Concentration: COMPUTER SCIENCE (MACS)
Johnson model – Torey chart
 B.S. Degree (130 credits required for graduation)



2013-14 Degree Requirements

General Education	Bible/Theology	Major/ Concentration
Behavioral Science YMDT102 – meets behavioral science Communication YMDT102 – meets COMM 100 English YMDT101 – meets ENGL112 YMDT101 – meets ENGL113 Fine Arts YMDT102 – meets ARTS 100 History YMDT201 – meets HIST107 YMDT303 – meets HIST207/208 Literature YMDT201 – meets ENGL230 Philosophy YMDT303 – meets PHIL214	YMDT304 On Learning & Knowledge meets BBST105 YMDT101 On Origins meets BBST109 YMDT202 On Knowing God meets BBST110, 251 YMDT401 On History & Rhetoric meets BBST306 YMDT304 On Learning & Knowledge meets BBST254 YMDT401 On History & Rhetoric meets BBST Elective YMDT402 The Future meets BBST465 (30 credits maximum except Bible or Christian Min majors)	MATH 105 Calculus I..... 4 MATH 106 Calculus II..... 4 MATH 204 Introduction to Abstract Math..... 3 MATH 205 Calculus III..... 4 MATH 291 Linear Algebra 3 MATH 305 Intro to Real Analysis I..... 3 MATH 315 Abstract Algebra I..... 3 MATH 321, 331, 332, 333 (choose two) 3,3 MATH 370 Readings in Mathematics 1,1 CSCI105 Introduction to Computer Science 3 CSCI106 Data Structures..... 3 CSCI220 Computer Org & Assembly Lang Prog 3 CSCI400 Theory of Algorithms 3 MATH/CSCI Elective (Upper Division)..... 3 MATH/CSCI Elective (Upper Division)..... 3 MATH/CSCI Elective (Upper Division)..... 3 Writing Competency Requirement.....0 Minimum Upper-Division Credits.....24 Total Major Credits Required53 If you plan to pursue graduate studies, you should take at least two of these classes: MATH 410, 450, 480.
Foreign Language – 4-6 credits required* (based on number of years taken in high school) HUFF (French) 101 HUF5 (Spanish) 101 HUF6 (ASL) 101 (Classical lang – 6 credits required) BLGR (Greek) 101, 102 BLHE (Hebrew) 101, 102 Physical Education – 4 credits required PEED 101, 110, 130, 140, 150 Science – 3 credits required ANTH 222, 223; BIOS 100, 103, 110, 112, 120, 130, 290 CHEM 100, 104, 105, 112 PHSC 101, 102, 103, 109, 110, 111/117, 115/119, 132/134, 250 <i>First Year Sem (does NOT count toward graduation) (1)</i>	Minor/ Support/ Electives YMDT480 Torey Honors Thesis (optional).....4 General Elective2 _____ _____ _____ _____ _____ _____	Degree Summary Torey Requirements60 Additional G.E. Coursework.....11 Major Requirements.....53 Support/ Electives*6 Total Required for Graduation130

*If foreign language is fulfilled, additional elective credits may be needed.
 Foreign Language – 1 yr high school= take 101. 2 yrs high school= none needed.

Johnson model – Tomychart

YEAR	FALL	SPRING
FRESHMAN	<p>----- YMDT101 On Origins 8</p> <p>----- CSCI105 Introduction to Computer Science 3</p> <p>----- MATH 105 Calculus I 4</p> <p>----- P.E. Activity 1</p> <p>----- GNST102 First Year Seminar <u>1</u></p> <p style="text-align: right;">17</p>	<p>----- YMDT102 On Desire 8</p> <p>----- CSCI106 Data Structures 3</p> <p>----- MATH 204 Introduction to Abstract Math 3</p> <p>----- MATH 106 Calculus II <u>4</u></p> <p style="text-align: right;">18</p>
SOPHOMORE	<p>----- YMDT201 The City & Man 8</p> <p>----- MATH 205 Calculus III 4</p> <p>----- MATH 291 Linear Algebra 3</p> <p>----- Science Requirement <u>3</u></p> <p style="text-align: right;">18</p>	<p>----- YMDT202 On Knowing God 8</p> <p>----- CSCI220 Computer Org & Assembly Lang Programming 3</p> <p>----- MATH 305 Intro to Real Analysis I 3</p> <p>----- General Elective 2</p> <p>----- P.E. Activity <u>1</u></p> <p style="text-align: right;">17</p>
JUNIOR	<p>----- YMDT303 On the Cosmos 8</p> <p>----- CSCI400 Theory of Algorithms 3</p> <p>----- MATH 370 Readings in Mathematics 1</p> <p>----- MATH/CSCI Elective (Upper Division) 3</p> <p>----- P.E. Activity 1</p> <p>----- Writing Competency Requirement <u>0</u></p> <p style="text-align: right;">16</p>	<p>----- YMDT304 On Learning & Knowledge 8</p> <p>----- MATH 315 Abstract Algebra I 3</p> <p>----- MATH 370 Readings in Mathematics 1</p> <p>----- MATH/CSCI Elective (Upper Division) <u>3</u></p> <p style="text-align: right;">15</p> <p>----- Graduation Petition due in the Registrar's Office</p>
SENIOR	<p>----- YMDT401 On History & Rhetoric 8</p> <p>----- MATH 321, 331, 332 or 333** 3</p> <p>----- Foreign Language / General Elective* 4</p> <p>----- P.E. Activity <u>1</u></p> <p style="text-align: right;">16</p>	<p>----- YMDT402 The Future 4</p> <p>----- MATH 321, 331, 332 or 333** 3</p> <p>----- MATH/CSCI Elective (Upper Division) 3</p> <p>----- YMDT480 Tomychart Honors Thesis (4) – optional for graduation; required for Tomychart certificate. <u>4</u></p> <p style="text-align: right;">14</p>

*If foreign language requirement has been fulfilled, elective credits may be needed.

**Select at least two of 321, 331, 332, 333.

NOTE: This schedule is designed with your major department and is one way that the classes will work out properly in sequence for your major. However, there are alternative flexible ways to rotate some of the classes within the same year/level and sometimes between year levels. Please contact your major department advisor to discuss flexible alternatives in scheduling the sequence of your classes.