

BA-MATHEMATICS

2017-2018

| Year 1 | Semester 1 Fall | Semester 2 Spring | Summer | Total |
|--------|---|--|--------|-------|
| | MATH 1314 College Algebra 3 | MATH 2412 Pre-Calculus 4 | | |
| | CORE Life and Physical Sciences & Lab 4 | CORE Life and Physical Sciences & Lab 4 | | |
| | HIST 1301 or POLS 2305 US History I or Federal Government 3 | HIST 1302 or POLS 2306 US History II or Texas Government 3 | | |
| | WRIT 1301 Composition I 3 | WRIT 1302 Composition II 3 | | |
| | PSYC 1100 Learning Frameworks 1 | | | |
| | Semester Hours 14 | 14 | 0 | 28 |
| Year 2 | Semester 1 Fall | Semester 2 Spring | Summer | Total |
| | CORE Creative Arts 3 | CSCI 1318 or 1320 or 3311 Pascal Programming or C Programming or Programming with Visual Basic 3 | | |
| | HIST 1301 or POLS 2305 US History I or Federal Government 3 | CORE Language, Philosophy and Culture 3 | | |
| | MATH 2413 Calculus I 4 | HIST 1302 or POLS 2306 US History II or Texas Government 3 | | |
| | COMM 1315 Public Speaking 3 | MATH 2414 Calculus II 4 | | |
| | 3000-4000 level Approved Elective ** 3 | CORE Social and Behavioral Science 3 | | |
| | Semester Hours 16 | 16 | 0 | 32 |

| Year 3 | Semester 1 Fall | Semester 2 Spring | Summer | Total |
|--------|---|---|--------|-------|
| | MATH/STAT 4344 Introduction to Probability 3 | 3000-4000 level Approved Elective ** 3 | | |
| | MATH 2318 Linear Algebra 3 | WRIT 3315 Technical Writing 3 | | |
| | MATH 2315 Calculus III 3 | MATH 2320 Differential Equations 3 | | |
| | MATH 3300 Introduction to Modern Algebra & Number Theory 3 | MATH 3312 Number Theory 3 | | |
| | 3000-4000 level Approved Elective ** 3 | 3000-4000 level Approved Major Elective * 3 | | |
| | Semester Hours 15 | 15 | 0 | 30 |
| Year 4 | Semester 1 Fall | Semester 2 Spring | Summer | Total |
| | Math Elective, Approved Major Elective * 3 | Math Elective, Approved Major Elective * 2 | | |
| | 3000-4000 level Approved Elective ** 3 | 3000-4000 level Approved Elective ** 3 | | |
| | 3000-4000 level Approved Elective ** 3 | 3000-4000 level Approved Elective ** 3 | | |
| | 3000-4000 level Approved Elective ** 3 | 3000-4000 level Approved Elective ** 3 | | |
| | 3000-4000 level Approved Elective ** 3 | 3000-4000 level Approved Elective ** 3 | | |
| | Semester Hours 15 | 15 | 0 | 30 |
| | Total Plan Hours | | | 120 |

*Choose from MATH 3301, 3331, 4315, 4316, 4321, 4322, 4325; MATH/STAT 4345, 4346, 4348

**As approved by faculty advisor. May not include STAT 3308 or STAT 3334

- State of Texas Core Curriculum Course. Please refer to the 2016-2017 UHCL Undergraduate Catalog (www.uhcl.edu/catalog) for approved options.
- This document is only intended as a guide. Please see an academic advisor for assistance with academic planning.

