Students complete all social science level Humanities & Social Sciences:

Select one of the following:
- U.S. History or American Government (3 hrs):
  - 1023 if you have a 30/680 or above on the ACT/SAT
You may gain exemption from ENGL 1013 and Freshman Composition (6 hours):
- University Perspectives (1 hour):
- Natural Science or Math Colloquium
- Social Science Colloquium
- Humanities Colloquium

**Option 1**

World Civilization (6 hours):
- HIST 1113 or 1113 World Civilization I
- HIST 1123 or 1123 World Civilization II

**Option 2**

Advising H2P equivalencies

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<td>HUMN 2124H</td>
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**Note:** Students who complete the fourth semester of Honors Roots Culture, HUMN 2124H, will receive a 3-hour waiver for the Humanities Colloquium requirement.

Electives (12 hours minimum):

- Any MATH or STAT course numbered 2500 or higher, which may include MATH 2584 Differential Equations and Laplace Transform:
  - MATH/STAT ___________

Bachelor of Arts in Mathematics

Core Requirements:

Philosophy (3 hours):
- PHIL 203H or 2003 Intro to Philosophy

Fine Arts (6 hours):
- HUMN 2114H waive 3 hour Fine Arts
- ARCH 1003H or 1003 Architecture Lecture
- ARHS 1003H or 1003 Art Lecture
- COMM 1003H or 1003 Film Lecture
- DANC 1003H or 1003 Intro to Dance
- THTR 1003H or 1003 Theatre Lecture
- MLIT 1003H or 1003 Music Lecture
- MLIT 1013H or 1013 Music Lecture for Music Majors

Natural Sciences & Mathematics:

Core—15-16 hours; 8 hours must at honors level

Natural Sciences (12 hours):
- (at least 4 hours must be chosen from biological and 4 hours from physical)

Biological Sciences:
- ANTH 1013H/1011L or 1013/1011L Intro to Biological Anthropology
- BIOL 1543/1541L Principles of Biology
- BIOL 1603/1601L Principles of Zoology
- BIOL 1613/1611L Plant Biology
- BIOL 2013/2011L General Microbiology
- BIOL 2074 University Physics I
- PHYS 2043 University Physics II

Computer Programming (3-4 hours):
- CSCE 2004

OR

A course with substantial programming experience approved by the department.

Additional Requirements (choose one below; hours vary):
- Completion of an additional major or minor other than Mathematics or Statistics
- Completion of UA Teach curriculum
- Completion of College Honors core

Mathematics Core (20 hours):
- MATH 2574 Calculus III
- MATH 2701 Survey of Higher Math
- MATH 2803 Introduction to Mathematical Proof
- MATH 3093 Abstract Linear Algebra
- MATH 3113 Intro to Abstract Algebra
- MATH 3153 Elementary Analysis
- MATH 4933 Mathematics Major Seminar

Mathematics Electives (12 hours minimum):
- Any MATH or STAT course numbered 3000 or higher, which may include MATH 2584 Differential Equations and Laplace Transform:
  - MATH/STAT ___________

**Required General Electives to complete 120 hour Graduation Requirement**

- Completion of Senior Honors Thesis fulfills the Fulbright College Writing Requirement.

**Major Requirements**

Natural Sciences (8 hours):
- Select two of the following:
  - ANTH 1013/1011L Intro to Biological Anthropology
  - ASTR 2033/2001L Survey of the Universe
  - BIOL 1543/1541L Principles of Biology
  - BIOL 1603/1601L Principles of Zoology
  - BIOL 1613/1611L Plant Biology
  - BIOL 2013/2011L General Microbiology
  - CHEM 1103/1101L University Chemistry I
  - CHEM 1123/1121L University Chemistry II
  - GEOL 1113/1111L General Geology
  - GEOL 1133/1131L Environmental Geology
  - PHYS 2043 University Physics I
  - PHYS 2074 University Physics II

Requirements for Departmental Scholar in Mathematics: The Departmental Scholar Program in Mathematics is designed for the superior student and is intended to help the student develop a more comprehensive view of the nature of mathematics. The program provides a vehicle for the recognition of the achievements of work beyond the usual course of study.

Graduation with honors: The candidate must satisfy the requirements set forth by the Honors Council. The candidate must also obtain at least a 3.50 grade-point average in mathematics courses numbered MATH 2554, MATH 2564, MATH 2574, MATH 3083, MATH 3113, MATH 3404, and MATH 4513, as well as in the additional mathematics courses necessary to complete the requirements for the chosen option. In addition, a grade of “D” or “F” in any other course offered by the department disqualifies a student for honors.

Candidates must take one year of honors mathematics in their senior year. This course will require an acceptable paper and will carry two hours of credit per semester. The quality of this paper, along with the execution of the rest of the student’s honors program including the overall academic performance, will be used in determining the distinction between Honors and High Honors.

**Updated:** July 17, 2014