

## Graduation Requirements for a B.A. in Mathematics: Fall 2012 Catalog

### I. General requirements of The College of Liberal Arts:

- |    |                            |                      |   |
|----|----------------------------|----------------------|---|
| 1. | English                    | 6 hours:<br>6 hours: | Writ 100 or Writ 101 plus Writ 102 or Liba 102<br>Engl 221 – Engl 226, Literature Survey  |
| 2. | Language                   | 6-12 hours:          | at least 6 hours at the 200 level or above  |
| 3. | Social Science             | 6 hours:             | Not necessarily from the same area - choose from anthropology, economics, political science, psychology, and sociology  |
| 4. | Science                    | 9-11 hours:          | Chosen from two different departments; note that two of the courses must have labs and two of the courses must be in the same area; choose from physics, astronomy, biology, chemistry, biochemistry, geology, geological engr. |
| 5. | History                    | 6 hours:             | His 101 & 102 or His 105 & 106 are strongly recommended.  |
| 6. | Fine<br>or Performing Arts | 3 hours:             | Art History 101, 102, 201, 202; Music 101, 102, 103, 104, 105; Dance 200; Theatre 201   |
| 7. | Additional<br>Humanities   | 3 hours:             | African American studies; classical civilization; gender studies 201, 301, 333, 350; environmental studies 101; philosophy or religion; Southern studies 101, 102   |
| 8. | Computer<br>Programming    | 3 hours:             | CSCI 111, CSCI 251, or CSCI 259   |

### II. Mathematics courses (grades lower than C in mathematics courses will not be counted towards the mathematics major for the BA degree).

MATH 261, 262, 263, 264 – Calculus Sequence      MATH 555, 556 – Advanced Calculus

MATH 305 – Foundations of Mathematics      Two courses chosen from the 300 level or above.  
MATH 319 – Linear Algebra

### III. Minor or second major - 18 to 21 hours (see pp 62-63 for choices).

### IV. Electives, to bring total degree hours to 124. **Note that 42 hours of the course work for graduation must be 300 level or above.**

This document is intended only as a guide. See “The College of Liberal Arts” section in the 2012 University of Mississippi undergraduate catalog for a complete description of the lower division requirements for a Bachelor of Arts Degree.