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Co-Curricular: Study abroad, leadership, undergraduate research, internships, athletics, performances, volunteering, clubs, organizations, etc.
Meredith General Education

### Mathematics

**Core Curriculum 22 hours**
Prerequisite: MAT 170, MAT 180, or placement

MAT 181 Integrated Precalculus/Calculus B
- or MAT 191 Calculus I ................................................. 4
MAT 212 Calculus II ...................................................... 4
MAT 213 Calculus III ................................................... 4
MAT 220 Linear Algebra .................................................. 3
MAT 248 Statistical Concepts and Methods for Mathematicians ................................................. 3
MAT 250 Introduction to Mathematical Reasoning .................................................. 3
MAT 295 Mathematics Seminar ........................................... 1

### Bachelor of Science in Mathematics 52-54 hours

Core Curriculum 22 hours

MAT 354 Differential Equations
- or MAT 371 Mathematical Modeling ................................................. 3
MAT 410 Advanced Calculus .................................................. 3
MAT 420 Modern Abstract Algebra ........................................... 3

Elective courses in MAT at the 200 level or above .................................................. 9
MAT electives at the 400 level .................................................. 3

CS 101 Beginning Programming .................................................. 3

Choose one science area: .................................................. 6 to 8
BIO 105/145 or BIO 110/151 plus 4 additional hours of BIO at the 200 level or above
- or CHE 111/141-112/142 General Chemistry I and II
- or PHY 211/241-212/242 General Physics I and II

8-7 hours of Computer Science from:
- CS 140, CS 156, CS 203, CS 212, CS 230, CS 301

### Meredith General Education

**Meredith Signature**

### Core Curriculum 22 hours

1. **U.S. Perspectives**
   - Courses designated "US". [on WebAdvisor and the Gen Ed website] 1-3
2. **Global Perspectives**
   - Courses designated "GP". [on WebAdvisor and the Gen Ed website] 1-3
3. **Ethical Perspectives**
   - Courses designated "EP". [on WebAdvisor and the Gen Ed website] 1-3

**Language Skills**

4. ENG 111 Principles of Writing ................................................. 3
5. ENG 200 Critical Reading and Writing ................................................. 3
6. **Foreign Language Requirement**
   - Complete through the 1st intermediate level (205) in one language. 0-9

**Meredith Distribution**

**Arts & Aesthetics**

7. A total of 3 credits in specified Art, Dance, or Theatre courses, or Music, Applied Ensembles, and other courses listed on the Gen Ed website. 3

**Humanities and Social Sciences**

8. Religious and Ethical Studies, any 100-level course .................................................. 3
9. HIS 101, 102, or 103 .................................................. 3
10. **Literature**
    - Includes courses from Communication, English, Foreign Languages, Religious and Ethical Studies, and other as approved - all listed on Gen Ed website 3

11. **Cultural Elective**
    - One course chosen from History, Philosophy, or Religion above the 100 level, and a wide variety of other courses listed on the Gen Ed website .................................................. 3

12. **Social and Behavioral Sciences**
    - Any 6 credits in ECO (except ECO 274), POL, PSY, SOC, COM 260, and GEO 205 6

13. **Mathematics (MAT 175, MAT 181, or MAT 191)** .................................................. 3-4
14. **Laboratory Science (BIO 105/145, BIO 110/151, BIO 322/342, BIO 338/348, CHE 111/141, GEO 200/240, or PHY 211/241)** .................................................. 4

15. **Natural Science, Mathematics, or Computer Science elective** .................................................. 3
16. **PED-DAN activity, or three activity plus option in HED or FN 227** .................................................. 4-6

17. **Across the curriculum threads** 1 WI course, 1 OC course, and 1 IL course

18. **Experiential Learning:** 1 approved occurrence

19. **Attendance at 8 academic/cultural events**