

**AUBURN UNIVERSITY AT MONTGOMERY  
MATHEMATICS MAJOR**

|       |             |         |
|-------|-------------|---------|
| NAME: | Student ID: | E-mail: |
|-------|-------------|---------|

| COURSE   | SEM. HRS. | GRADE | COMMENTS | COURSE   | SEM. HRS. | GRADE | COMMENTS |
|--|-----------|-------|----------|--|-----------|-------|----------|
| AREA I   |           |       |          | AREA V (Major Courses)                         |           |       |          |
| ENGL 1010 (English Composition I)                              | 3         |       |          | MATH 1620 (Calculus II)                        | 4         |       |          |
| ENGL 1020 (English Composition II)                             | 3         |       |          | MATH 3000 (Intro to Higher Math)               | 3         |       |          |
| AREA II  |           |       |          | MATH 2630 (Multivariable Calculus)             | 4         |       |          |
| Fine Arts <sup>(1)</sup>                                       | 3         |       |          | MATH 2660 (Linear Algebra)                     | 3         |       |          |
| Literature <sup>(2a)</sup>                                     | 3         |       |          | MATH 3690 (Differential Equations)             | 3         |       |          |
| Literature <sup>(2a)</sup> or Foreign Language <sup>(2b)</sup> | 3         |       |          | MATH 4200 (Discrete Mathematics)               | 3         |       |          |
| COMM 1010 (Intro to Human Comm.)                               | 3         |       |          | MATH 4210 (Analysis I)                         | 3         |       |          |
| AREA III   |           |       |          | MATH 4220 (Analysis II)                        | 3         |       |          |
| MATH 1610 (Calculus I)   | 4         |       |          | MATH 4230 (Complex Variables)                  | 3         |       |          |
| PHYS 2100 (Physics I + Lab)                                    | 4         |       |          | MATH 4300 (Number Theory)                      | 3         |       |          |
| PHYS 2200 (Physics II + Lab)                                   | 4         |       |          | MATH 4310 (Modern Algebra I)                   | 3         |       |          |
| AREA IV  |           |       |          | MATH 4320 (Mod Alg II)                         | 3         |       |          |
| HIST 1010 (World History I)                                    | 3         |       |          | MATH 4670 (Mathematical Statistics)            | 3         |       |          |
| HIST 1020 (World History II)                                   | 3         |       |          | MATH 4950 (Math Senior Seminar)                | 2         |       |          |
| Social Science <sup>(3)</sup>                                  | 3         |       |          | MATH Elective (3000+) <sup>(4)</sup>           | 3         |       |          |
| Social Science <sup>(3)</sup>                                  | 3         |       |          | CSCI 2000 (Structured Programming I)/CSCI 1210 | 3         |       |          |
| ELECTIVES (11 sem. hrs.)                                       |           |       |          | Science <sup>(5)</sup>                         | 4         |       |          |
| UNIV 1000  | 3         |       |          | Science <sup>(5)</sup>                         | 4         |       |          |
|  |           |       |          | CONCENTRATION <sup>(6)</sup>                   |           |       |          |
|  |           |       |          | Concentration course 1                         | 3         |       |          |
|  |           |       |          | Concentration course 2                         | 3         |       |          |
|  |           |       |          | Concentration course 3                         | 3         |       |          |

(1) VISU 1000/2030/2040, MUSI 2110, THEA 2040, or other state-approved Fine Arts course.

(2a) ENGL 2530, ENGL 2540, ENGL 2570, ENGL 2580, ENGL 2600, ENGL 2610, or other state-approved Literature courses.

(2b) FREN, GERM, SPAN, or other State-approved Foreign Language courses.

(3) ANTH 2110, ECON 2010, ECON 2020, GEOG 2050, GEOG 2150, HIST 1060, HIST 1070, HIST 2010, HIST 2020, PSYC 2110, POLS 2020, SOCI 2000, or other state-approved Soc. Science course.

(4) PHIL 3700 may be used. Other choices may include MATH 4470 (F. Pl. Geom) or MATH 4110 (Hist Math).

(5) Choose two courses from BIOL 1010, BIOL 1020, CHEM 1100, CHEM 1200 or approved CSCI courses.

(6) Three courses in one subject outside Mathematics at 2000-level or above. It must be approved by the Department. Courses must not be counted elsewhere on this sheet.

To convert quarter hours to semester hours, multiply by 2/3.

**120** semester hours needed to graduate.