# Coastal Carolina University

## Applied Mathematics Major

**Advisement Record Catalog 2009-2010**

**Student** **ID#**

**Advisor** **Minor**

**Year entered CCU** **2nd Major**

**MATH Placement Score**

**ForeignLanguage Placement Score**

| CORE CURRICULUM* (37-42 Credits) | COURSE | GR | SEM | CR |
|---|---|---|---|---|
| **COMMUNICATION (9)** | ENGL 101 | | | |
| ENGL 102 or ENGL 211 | | | | |
| BIOL 122, BIOL 122 L, CHEM 150, CSCI 130, | | | | |
| ENGL 102, ENGL 211, ENGR 101, HIST 250, | | | | |
| MSCI 201, PHIL 271, POLI 200, PSYC 202, | | | | |
| THEA 149, or SOC 201 | | | | |
| **MATHEMATICAL CONCEPTS (3-4)** | | | | |
| MATH 132, 139, 160, 201, CBAD 291, | | | | |
| | | | | |
| PSYC 225/225L, or STAT 201/201L | | | | |
| **SCIENTIFIC CONCEPTS (4)** | | | | |
| ASTR 101/101L, BIOL 101/101L, 121/121L, | | | | |
| BIOL 232/232L, CHEM 101/101L, 111/111L | | | | |
| GEOL 102/102L, 111/111L | | | | |
| MSCI 101/101L, 102/102L, 111/111L | | | | |
| PHYS 103/103L, 201/201L, **211/211L** | | | | |
| **HUMANISTIC CONCEPTS* (6)•** | | | | |
| ENGL 205, 287, 288 | | | | |
| HIST 101, 102, 202; PHIL 101, 102 | | | | |
| *Choose one course from 2 of the 3 disciplines, ENGL, HIST, PHIL. | | | | |
| **FOREIGN LANGUAGE (3-6)** | | | | |
| 6 cr. in sequence *or* | | | | |
| 3 cr. at 130 level or higher | | | | |
| **GLOBAL STUDIES AWARENESS (3)** | | | | |
| Study Abroad Course *or* | | | | |
| ECON 150; ENGL 277; GEOG 121; HIST 111, 112 | | | | |
| HON 101; POLI 101; RELG 103 | | | | |
| **STRUCTURE & DEV OF U.S. (3)** | | | | |
| HIST 201; POLI 201 | | | | |
| **HUMAN HEALTH & BEHAVIOR (3)** | | | | |
| ECON 110; HPRO 121; EXSS 122 | | | | |
| RSM 120; PSYC 101; SOC 101 | | | | |
| **CREATIVE EXPRESSION (3)** | | | | |
| ARTH 105, 106; ARTS 103, 104 | | | | |
| ENGL 201; MUS 110; THEA 101, 201 | | | | |
| **TOTAL CREDITS** | | | | |

| FRESHMAN GRADUATION REQUIREMENT (0-3 Credits) | | | | |
|---|---|---|---|---|
| **FRESHMAN GRADUATION REQ (0-3)** | UNIV 110 | | | |
| **TOTAL CREDITS** | | | | |

| FOUNDATION COURSES* (20-33 Credits) | GR | SEM | CR |
|---|---|---|---|
| MATH 190 | | | |
| MATH 160 * | | | |
| MATH 161 | | | |
| STAT 201 * | | | |
| STAT 201L * | | | |
| MATH 242 | | | |
| MATH 242L | | | |
| CSCI 130 or CSCI 140 / 140L | | | |
| PHYS 211 * | | | |
| PHYS 211L * | | | |
| PHYS 212 | | | |
| PHYS 212L | | | |
| Additional Science class (3-4 cr) | | | |
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| A grade of "C" is required in MATH 160, 161, 174, 242 /242L, STAT 201/201L | | | |
| **TOTAL CREDITS** | | | |

| ELECTIVES (2-19 Credits) | | | |
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| **TOTAL CREDITS** | | | |

| MAJOR REQUIREMENTS (35 credits) | GR | SEM | CR |
|---|---|---|---|
| MATH 220 | | | |
| MATH 260 | | | |
| MATH 320 | | | |
| MATH 344 | | | |
| MATH 450 | | | |
| MATH 490 | | | |
| MATH 446 or 454 | | | |
| | | | |
| **MATH or STAT >300 | | | |
| **MATH or STAT >300 | | | |
| ****except** MATH 330** | | | |
| | | | |
| MATH or STAT >400 | | | |
| MATH or STAT >400 | | | |
| MATH or STAT >400 | | | |
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| A "C" or above is required in all major courses | | | |
| **TOTAL CREDITS** | | | |

| COGNATE (9 credits) | | | |
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| Interdisciplinary cognate to consist of upper level courses (300 and above) with approval of faculty advisor. A grade of "C" or above is required in all cognate courses. A minor will fulfill this requirement. | | | |
| **TOTAL CREDITS** | | | |

**GRAND TOTAL CREDITS**

Must have 120 credit hours total

* Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.

** A grade of "C" or better is required in ENGL 101, 102, UNIV110.

•Students must take one course from two of the three disciplines.

**FINAL RESPONSIBILITY FOR SATISFYING DEGREE REQUIREMENTS, AS OUTLINED IN THE UNIVERSITY CATALOG, RESTS WITH THE STUDENT.**