## SOUTHERN UNIVERSITY AT NEW ORLEANS
## COURSE AUDIT FORM – MATHEMATICS
### (*Effective Date: Fall 2016*)

| College | _____ | Department | _____ | Date | _____ |
|---|---|---|---|---|---|
| Student Name | _____ | Signature | _____ | Cum Hrs | _____ |
| Advisor Name | _____ | Signature | _____ | GPA | _____ |

### FRESHMAN YEAR

| Course | Cred Hrs | Grade | Date | Course | Cred Hrs | Grade | Date |
|---|---|---|---|---|---|---|---|
| JRDV 111 (College Survival Skills ) | 1 | | | CISP 164 (Intro. to Info Process) | 3 | | |
| JRDV 111A (Freshman Assembly ) | 0 | | | MATH 100 (Intro. to Mathematics) | 1 | | |
| ENGL 111 (English Composition I) | 3 | | | ENGL 112 (English Composition II) | 3 | | |
| MATH 161 (Pre-calculus) | 3 | | | MATH 162 (Trigonometry) | 3 | | |
| BIOL 124/124L (Gen. Biology) | | | | MATH 250 (Elementary Statistics) | 3 | | |
| or CHEM 111/111L (Gen. Chemistry) | 4 | | | POLI 110 (American Government) | 3 | | |
| FIAR or MUSC 101 | 3 | | | | | | |
| **Total Credit Hours** | **14** | | | **Total Credit Hours** | **16** | | |

### SOPHOMORE YEAR

| Course | Cred Hrs | Grade | Date | Course | Cred Hrs | Grade | Date |
|---|---|---|---|---|---|---|---|
| ECON 211 (Economics Principles I) | 3 | | | MATH 291/L (Calculus II) | 4 | | |
| MATH 290/L (Calculus I) | 4 | | | MATH 296 (Fund. of Mathematics) | 3 | | |
| MATH 330 (Linear Algebra) | 3 | | | | | | |
| PHYS 211/211L (Gen. Phys I) | 4 | | | PHYS 222/222L (Gen. Physics II) | 4 | | |
| CISP 200 (Structured Program) | 3 | | | ENGL 260 (Technical Writing) | 3 | | |
| **Total Credit Hours** | **17** | | | **Total Credit Hours** | **14** | | |

### JUNIOR YEAR

| Course | Cred Hrs | Grade | Date | Course | Cred Hrs | Grade | Date |
|---|---|---|---|---|---|---|---|
| MATH 292 (Calculus III) | 3 | | | MATH 392 (Numerical Analysis) | 3 | | |
| MATH 390 (Differential Equations) | 3 | | | Elective | 3 | | |
| MATH 350 (Mathematical Statistics) | 3 | | | Elective | 3 | | |
| Elective | 3 | | | PHIL 222 (Intro to Ethics) | 3 | | |
| Foreign Language I* | 3 | | | Foreign Language II | 3 | | |
| | | | | | | | |
| **Total Credit Hours** | **15** | | | **Total Credit Hours** | **15** | | |

### SENIOR YEAR

| Course | Cred Hrs | Grade | Date | Course | Cred Hrs | Grade | Date |
|---|---|---|---|---|---|---|---|
| MATH 395 (Mathematical Modeling) | 3 | | | MATH 400 (Mathematics Seminar) | 3 | | |
| MATH 460 (Complex Variable) | 3 | | | Math Elective | 3 | | |
| Elective | 3 | | | Elective | 3 | | |
| Elective | 3 | | | Elective | 3 | | |
| HIST 210 or 220 (U. S. History) | 3 | | | MATH 499 (Comprehensives Exam) | 2 | | |
| **Total Credit Hours** | **15** | | | **Total Credit Hours** | **14** | | |

### Total Credit Hours = 120

| | CONDITIONS | COMMENTS | CONDITIONS MET? Y/N |
|---|---|---|---|
| 1. | Curriculum Sheet Completed | | _____ |
| 2. | Each Course/Grade Checked | | _____ |
| 3. | Cum. Hours Noted | Minimum of 120 hours to graduate | _____ |
| 4. | GPA Noted | At least 2.0 overall required | _____ |
| 5. | Writing Prof. Exam | Need a "C" or better grade in English 112 | _____ |
| 6. | Community Service Hours | 60 hours required | _____ |
| 7. | Current Transcripts | | _____ |
| 8. | Course Substitution(s) | | _____ |
| 9. | Exit Examination | To be taken not earlier than 2 semesters before grad. | _____ |
| 10. | Standardized Exams (MCAT, GRE, DAT, etc.) | Strongly recommended the last year of graduation | _____ |

*Students who have taken a foreign language (French, German, or Spanish) in High School may test out of the 100 level foreign language courses and take three hours of a 200 level foreign language course.

Mathematics requirements are 100, 250, 290, 291, 292, 296, 330, 350, 390, 392, 395, 400, 460, & 499 (41 Cred Hrs).

Mathematics electives are 340, 397, 401, 402, 403, 450, 455, & 470 (3 Cred Hrs).

Mathematics requirements (41 Cred Hrs) + Mathematics electives (3 Cred Hrs) = Total 44 Cred Hrs.

Mathematics minor consists of Math 290, 291, 330, 350, and 390 (17 Cred Hrs.)          *Revised 3-31-2016*