### University College: Arts • Sciences • Professional Studies
Gildart Haase School of Computer Sciences and Engineering
Bachelor of Science in Mathematics

**Name:** __________________________________________

(Last)     (First)                           (MI)

**ID No.:** __________________________

Entry Date: / /  Status: FT  PT

**Address:** _____________________________ ________________________ , _________

(Street)   (City)          (State)            (Zip)

**Phone No:** (     ) _______ - ____________  (     ) _______ - ____________

(e-mail): ____________________

(Home)                 (Work)

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### MATHEMATICS REQUIREMENTS (35 credits)

- **MATH1201 Calculus I** (4) __________
- **MATH2202 Calculus II** (4) __________
- **MATH2203 Calculus III** (3) __________
- **MATH2210 Differential Equations** (3) __________
- **MATH3220 Linear Algebra** (3) __________
- **MATH3237 Probability and Statistics I** (3) __________
- **MATH2255 Discrete Structures** (3) __________
- **MATH3341 Advanced Engineering Math** (3) __________
- **MATH** 1 Mathematics Elective (3) __________
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### SCIENCE REQUIREMENTS (19 credits)

- **PHYS2203 University Physics I** (3) __________
- **PHYS2201 Physics I Lab** (1) __________
- **PHYS2204 University Physics II** (3) __________
- **PHYS2202 Physics II Lab** (1) __________
- **Laboratory Science I** (3) __________
- **Laboratory Science I Lab** (1) __________
- **Laboratory Science II** (3) __________
- **Laboratory Science II Lab** (1) __________
- **Science Elective** (3) __________

### MINOR SEQUENCE (15 credits)

(3) __________

### COMPUTER SCIENCE REQUIREMENTS (9 credits)

- **CSCI1201 Computer Programming I** (3) __________
- **CSCI1202 Computer Programming II** (3) __________
- **CSCI2232 Data Structures** (3) __________

### HUMANITIES / SOCIAL SCIENCE REQUIREMENTS (12 credits)

- **ENGL1101 English Composition I** (3) __________
- **ENGL1102 English Composition II** (3) __________
- **ENGR2210 Technical Communications** or (3) __________
- **COMM2101 Prof. Communication Ethical and Moral Analysis:** (3) __________

### BUSINESS REQUIREMENTS (6 credits)

- **2 Business Elective** (3) __________
- **2 Business Elective** (3) __________

### UNIVERSITY REQUIREMENTS (13 credits)

- **CORE1006 The Global Challenge** (3) __________
- **CORE2007 Perspectives on the Indiv.** (3) __________
- **CORE2008 Cross-Cultural Perspectives** (3) __________
- **CORE3009 American Experience** (3) __________
- **FRSH1000 Freshman Seminar** (1) __________

### FREE ELECTIVES (19 credits)

- **Free Elective** (3) __________
- **Free Elective** (3) __________
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### BASIC SKILLS/EXCESS CREDITS

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- **Course 1:** ( ) __________
- **Course 2:** ( ) __________
- **Course 3:** ( ) __________
- **Course 4:** ( ) __________
- **Course 5:** ( ) __________

### REPEAT COURSES

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- **Course 1:** ( ) __________
- **Course 2:** ( ) __________
- **Course 3:** ( ) __________
- **Course 4:** ( ) __________
- **Course 5:** ( ) __________

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**Enter grade received in “Grade” Column.**

**Enter semester course was taken in the “Sem” Column**

**Note Column: Enter substituted course numbers, TR for transfer courses, PC for Petrocelli College courses, (W) for Wroxton College courses, DL for distance learning courses, and WR for writing intensive courses.**

**See reverse side for additional instructions and information.**
1. **MATHEMATICS ELECTIVES**: 9 credits to be chosen from courses numbered 3000 or higher.

2. **BUSINESS ELECTIVES**: Substitutions may be made for these electives with the approval of an advisor.

3. **FREE ELECTIVES**: at most six (6) credits of Mathematics courses may be taken as free electives.

4. **SCIENCE REQUIREMENTS**: Eight (8) credits of science electives must be a one-year sequence with laboratory; the remaining three (3) credits must be a 2000 or higher level course in electrical engineering, computer science, chemistry, or biology.

**DISTANCE LEARNING REQUIREMENTS**: All University students are required to complete one (1) on-line distance learning course during each academic level (freshman, sophomore, junior, and senior year) of matriculation.

**ETHICAL AND MORAL ANALYSIS**: Requirements consist of a three-credit course that is substantially concerned with ethical theories and questions. This course could be in Philosophy or a course within a major program.

- A minimum of 128 credits is required for graduation.