

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

ID #: \_\_\_\_\_

Date: \_\_\_\_\_

| CORE:   |                                   |                                    |   |  | CREDITS |
|---|-----------------------------------|------------------------------------|---|--|---------|
| MATH 21<br>4<br>Calculus I                            | MATH 22<br>4<br>Calculus II       | MATH 121<br>4<br>Calculus III      | MATH 52<br>3<br>Fundamentals of Mathematics | MATH 124 or 122<br>3<br>Linear Algebra | 27      |
| MATH 241<br>3<br>Analysis in Several Real Variables I | MATH 251<br>3<br>Abstract Algebra | CS 21<br>3<br>Computer Programming |   |  |         |

**MAJOR** A minimum of 21 additional credit hours in MATH, STAT or CS numbered 100 or above. At least 12 credits must be in courses numbered 200 or above. No more than 12 credits may be chosen from computer science.

| COURSES: |  |  |  |  | CREDITS |
|----------|--|--|--|--|---------|
|          |  |  |  |  | 21      |
|          |  |  |  |  |         |

**ALLIED** 24 credit hours from Allied Fields (including at least one laboratory experience in science or engineering); at least 6 credits numbered 100 or above; at least 6 credits in fields 1 – 5.

**FIELDS:** Absolutely no courses from the ‘major courses’ above can be used to fulfill an allied field requirement. There is no overlapping.

| 1. Physical Sciences   | 4. Engineering                   | 7. Business Administration | 10. Environmental Sciences/Studies | CREDITS |
|------------------------|----------------------------------|----------------------------|------------------------------------|---------|
| 2. Biological Sciences | 5. Computer Sci. (110 or higher) | 8. Psychology              | 11. Natural Resources              | 24      |
| 3. Medical Sciences    | 6. Agricultural Sciences         | 9. Economics               |                                    |         |
|                        |                                  |                            |                                    |         |
|                        |                                  |                            |                                    |         |

**HSS:** English 001 plus 21 credit hours of HSS from categories I, II & III (for a total of 24 credit hours). At least 6 credit hours must be taken in at least 2 different categories.

**Category I:** Arabic, Chinese, Classics, English, French, German, Greek, Hebrew, Italian, Japanese, Latin, Linguistics, Portuguese, Russian, Spanish, World Literature

**Category II:** Art History, Dance, Film & Television Studies, Music, Philosophy, Religion, Speech, Studio Art, Theatre

**Category III:** Anthropology, Communication Sciences & Disorders, Critical Race & Ethnic Studies, Economics, Gender, Sexuality, and Women’s Studies, Geography, Global and Regional Studies, History, Holocaust Studies, Human Development & Family Studies, Political Science, Psychology, Sociology, Vermont Studies

|   |                                     |  |  |  |  |    |
|---|-------------------------------------|--|--|--|--|----|
| Category I: Language & Literature             | ENGS 001<br>3<br>Written Expression |  |  |  |  | 24 |
| Category II: Fine Arts, Philosophy & Religion |                                     |  |  |  |  |    |
| Category III: Social Sciences                 |                                     |  |  |  |  |    |

Total credits required for graduation is 120, there are 90 credits defined above; including 6 credits to satisfy the University Diversity Requirement (3 credits from category D1 and 3 credits from either category D1 or D2). Students must also choose one course that meets the University's Sustainability requirement