A. COMPOSITION (3 Credits)

W131  Elementary Composition (3 cr.)

B. FOREIGN LANGUAGE (6 Credits)

Completion of two introductory courses in a single Foreign Language

C. ARTS & HUMANITIES (12 Credits)

AREA A: Fine Arts, Communication Arts (except SPCH S160, S225, S325), Music

Music M174

AREA B: English (except W131), Foreign Languages (advanced, literary)

AREA C: History

AREA D: Philosophy, Religious Studies

D. SOCIAL & BEHAVIORAL SCIENCES (12 Credits)

AREA A: Economics, Geography

AREA B: Political Science

AREA C: Psychology

AREA D: Sociology, Anthropology

E. PHYSICAL & LIFE SCIENCES (20 Credits)

Twenty credits in at least two of the physical & life sciences (astronomy, biology, chemistry, geology, or physics), including Physics P221 - P222

P221  Physics I (5 cr.)

P222  Physics II (5 cr.)

Other Course:  

Other Course:  

Other Course:  
**F. COMPUTER SCIENCE (4 Credits)**

- C101  Computer Programming (4 cr.)

**G. MATHEMATICS (45 Credits)**

- M215  Analytic Geometry & Calculus I (5 cr.)
- M216  Analytic Geometry & Calculus II (5 cr.)
- M301  Applied Linear Algebra (3 cr.)
- M311  Calculus III (5 cr.)
- M343  Introduction to Differential Equations I (3 cr.)
- M403  Introduction to Modern Algebra I (3 cr.)
- M413  Introduction to Analysis I (3 cr.)
- M447  Mathematical Models & Applications I (3 cr.)
- M463  Introduction to Probability Theory I (3 cr.)
- M466  Introduction to Mathematical Statistics (3 cr.)
- M471  Numerical Analysis I (3 cr.)

Two additional courses taken from: M344, M404, M405, M414, M415, M448, M451, M472

- Course:  
- Course:  

**H. ELECTIVES**

- Course:  /  
- Course:  
- Course:  /  
- Course:  

Please refer to: [http://www.iusb.edu/~sbmath/programs.shtml#BSAM](http://www.iusb.edu/~sbmath/programs.shtml#BSAM)