1. General Education Requirements

Communications & Calculations Skills (12 units or waivers)

a) ENGLISH 101
b) ENGLISH 102
or ENGLISH 105 Freshmen Honors (replaces both 101 and 102)
c) SPEECH 110
d) MATH 140 or 141

2. University Requirements (32 units)

a) Quantitative and Technical Reasoning (7-11 units)

1) A 4-5 unit laboratory science designated GL
2) 3 – 6 units of science, math or computer science courses designated GL or GM from at least 1 subject area other than the laboratory science course used in Area 2.a.1 (Astronomy, Biology, Chemistry, Geology, Computer Science, Physical Geography, Math, Physics)

b) Cultural Heritage (6 units)

1) GENED 110
2) GENED 390

c) Communities (6 units)

1) GENED 130
2) GENED 120 or 140

d) Personal Health and Well-being (1-2 units)

1) PEGNRL 192
2) 0-1 unit in HPRC courses designated GP

e) Electives (8-12 units)

1) Additional electives designated GA, GE, GH, GI, or GS: no more than 1 course from any one discipline may be counted in electives

3) Diversity (3 units)

a) Any diversity course listed in 2010-12 Catalog pg 38.

b) Two 4-5 unit laboratory science courses designated GL from 2 different disciplines, one of which may count in University requirements.

b) 5 units in math beyond 141 or 3 units math beyond 141 and 3 units in computer science courses (not limited to GM courses, but may count in University Requirements if they are GM).

2) Major – Unique Requirement (12 units)

a) MATH 255
b) Choose one

___COMPSCI 347, COMPSCI 172 or
COMPSCI 174

c) Select 2 units of PHYSICS 190

d) Select remaining units from Physics courses numbered 300 or 400 with no more than 3 units from 490-499 courses.

3) Writing – 3 units

___ENGLISH 370 or ENGLISH 372 RLS

4) Mathematics Minor (22 units)

___MATH 253
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___MATH 255*
___MATH 361 or MATH 280
___Select remaining units from Math courses numbered 300 or higher except MATH 375.

*These courses are also listed under the physics major requirements

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