1) 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) B.S. Degree 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 (7-12 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
   f) __Diversity (3 units)
      a) __Any diversity course listed in 2010-12 Catalog pg 38.

3) Diversity (3 units)
   a) __Any diversity course listed in 2010-12 Catalog pg 38.

1) Physics (38 units)
   a) (1) __PHYSCS 180
      (2) __PHYSCS 181
      (3) __PHYSCS 221
      (4) __PHYSCS 305
      (5) __PHYSCS 310
      (6) __PHYSCS 324
      (7) __PHYSCS 330
      (8) __PHYSCS 331
      (9) __PHYSCS 364
      (10) __PHYSCS 489
   b) Select 2 units of __PHYSCS 190
   c) Select __PHYSCS 344 or __PHYSCS 360
   d) Select remaining units from Physics courses numbered
      300 or 400 with no more than 3 units from 490-499 courses.
   e) __Departmental Exit Interview

2) Major – Unique Requirement (28 units)
   a) (1) __CHEM 102
      (2) __CHEM 104
      (3) __MATH 255*
      (4) __MATH 355*
      (5) __MATH 361*
      (6) __ITBE 141
      (7) __ACCOUNT 244 RLS
   b) Choose one
      __COMPSCI 347, COMPSCI 172 or
      COMPSCI 174
   c) __Writing – 3 units
      __ENGLISH 370 or ENGLISH 372 RLS

4) Mathematics Minor (22 units)
   1) __MATH 253
   2) __MATH 254
   3) __MATH 255*
   4) __MATH 361 or MATH 280
   5) Select remaining units from MATH courses
      numbered 300 or higher except MATH 375.

*These courses are also listed under the physics major
requirements