CHEMISTRY PROGRAM PLANNER  
Effective for Students Entering Fall 2008

CORE REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course Numbers</th>
<th>Course Names</th>
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<tbody>
<tr>
<td>CORE 100</td>
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<td>CORE 110</td>
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<td>CORE 115 or CORE 116</td>
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<tr>
<td>CORE 131 OR 133</td>
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<td>CORE 140 OR 141-146</td>
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<td>CORE 15__ *</td>
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<td>CORE 16__</td>
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Informed Believing and Acting:

**Theology:**
- Systematic Theology - CORE 250 - 259
- Moral Theology - CORE 260 - 269

**Philosophy**
- CORE 280 AND one of the following courses which satisfies Part II:
  - CORE 281 - 289

*See reverse side for core requirements.

FRESHMAN:

- General Chemistry I (Chem 113 w/lab)
- Calculus (Math 125)**
- General Physics I (Phys 111 w/lab)
- General Chemistry II (Chem 114 w/lab)
- Intro to Statistics & Data Analysis (Math 126)**

SOPHOMORE:

- Organic Chemistry I (Chem 241 w/lab)
- Analytical Chemistry (Chem 243 w/lab)
- Math for Physical Sciences I (Math 237)**
- Organic Chemistry II (Chem 242 w/lab)
- Instrumental Analysis (Chem 244 w/lab)
- Math for Physical Sciences II (Math 238)**

JUNIOR:

- Physical Chemistry I (Chem 357 w/lab)
- Chemical Information Science (Chem 351)
- Physical Chemistry II** (Chem 358 w/lab)

SENIOR:

- Senior Colloquium (Chem 493/1Credit)
- Advanced Inorganic Chemistry (Chem 471)
- Senior Colloquium (Chem 494/1 Credit)

** Chem 358L may be replaced by a semester of research (Chem 396, 397, 496, 497)
*** The mathematics requirements may alternatively be met by completion of a minor in mathematics.

N.B. Students who wish to be eligible for certification by the American Chemical Society must include Differential Equations (Math 240) and Inorganic Chemistry Laboratory (Chem 471L) as elective selections, as well as two courses from the following: Chem 373, Chem 475, Chem 477, Chem 479, Chem 496, or Chem 497.