Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2012-13*

### COMMON CURRICULUM - 53 Hours

#### INTRODUCTORY REQUIREMENTS (Courses Numbered T120-T125)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Hrs.</th>
<th>Grd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Seminar</td>
<td>T121</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td>T122</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>A257</td>
<td>4</td>
</tr>
<tr>
<td>History (World Civ I)</td>
<td>T122</td>
<td>3</td>
</tr>
<tr>
<td>History (World Civ II)</td>
<td>T124</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy</td>
<td>T122</td>
<td>3</td>
</tr>
<tr>
<td>Religious Studies</td>
<td>T122</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>PhysA101/A103</td>
<td>4 + 1</td>
</tr>
<tr>
<td>English Literature</td>
<td>T125</td>
<td>3</td>
</tr>
</tbody>
</table>

#### ADVANCED REQUIREMENTS (Courses Numbered U-Z 130-499)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Hrs.</th>
<th>Grd.</th>
<th>Pre-Mod</th>
</tr>
</thead>
<tbody>
<tr>
<td>Philosophy</td>
<td>3</td>
<td>—</td>
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</tr>
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<td>3</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Religious Studies</td>
<td>3</td>
<td>—</td>
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<td>3</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Beh/Soc Sci</td>
<td>3</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Hum/Arts</td>
<td>Phys A102/A104</td>
<td>4 + 1</td>
<td>—</td>
</tr>
</tbody>
</table>

#### Codes

- **U**: Hum Arts (Pre-Mod)
- **V**: Hum Arts (Modern)
- **W**: Beh/Soc Sci (Pre-Mod)
- **X**: Beh/Soc Sci (Modern)
- **Y**: Ntl Sc (Pre-Mod)
- **Z**: Ntl Sc (Modern)

Students **may not** take Common Curriculum courses offered by their major department to meet Common Curriculum requirements.

Only courses within the Common Curriculum lettering/numbering scheme (U-Z 130-499) will meet Common Curriculum requirements.

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### MAJOR - 37 Hrs.

- General Chem I
- A105 3
- General Chem I - Lab
- A107 1
- General Chem II
- A106 3
- General Chem II - Lab
- A108 1
- Organic Chem I
- A300 3
- Organic Chem I - Lab
- A302 or A305 2
- Organic Chem II
- A301 3
- Organic Chem II - Lab
- A303 1
- Integrated Chem Lab I
- A320 3
- Intro to Forensic Methods
- A315 3
- Biochemistry I
- A400 3
- Technics in Biochemistry
- A402 1
- Forensic Instrumental Analysis
- A421 4
- Seminar
- A496 1
- Internship / Research
- A497 or A498 3
- Capstone Presentation
- A493 1

### FOREIGNLANG - 3 Hrs.

- Math-A258 4

### FOREIGNLANG OPTIONS

- Calculus II
- Math-A258 4
- Statistical Inference for Scientists
- Biol-A106 - Lec 3
- Biol-A107 - Lab 1
- Criminalistics II: Crime Lab
- Frsc-C201 3

### GENERAL ELECTIVES - 2-3 Hrs.

- 2 from the following:
  - Mathematical Methods
  - Math: A200, A310, A320, A375
  - General Elect 2-3 Hrs.

### PERSONAL ELECTIVES - 12 Hrs.

- 2 from the following:
  - Math: A200, A310, A320, A375
  - General Elect 2-3 Hrs.

### B.S. CHEMISTRY - CHFS (Forensic Science)

#### CONCENTRATION OPTIONS

**Option I: Instrumental Analysis**

- Integrated Chem Lab II
- A330 2
- Physical Chemistry I
- A306 3
- Physical Chemistry II
- A307 3
- Two from the following:
  - Math: A200, A310, A320, A375
  - General Elect 2-3 Hrs.

**Option II: Biochemistry & Genetics**

- Biod of Organisms
- Biol-A108 - Lec 3
- Molecular Genetics
- Biol-A326 - Lec 3
- Biochemistry II
- Biol-A328 3
- Biochemistry II
- Biol-A401 3

**Option III: Human Mind & Behavior**

- Intro to Psychology
- A100 3
- Developmental Psychology
- A230 3
- Two from the following:
  - Psyc: A315/A316, A322/A323, A415
  - Soci: A215
  - Frsc: A301, A370
  - General Elect 2-3 Hrs.

### CHEMISTRY HONORS PROGRAM

**Student must:**

1. Earn 2.5 Loyola Cum GPA and 3.0 Major Cum GPA
2. Engage in research approved by department
3. Complete 4 hours of CHEM-A498.

**CHEMISTRY HONORS PROGRAM**

- GPA: Must achieve 2.0 in Major and Loyola cumulative.
- Math-A902 will not be used in total hours needed for degree.

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Revised: 03/1/11

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*Note: Common Curriculum requirements are governed by the catalog year that a student is admitted.*

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Students may not take Common Curriculum courses offered by their major department to meet Common Curriculum requirements.

Courses used in the major cannot also be used to satisfy requirements for a minor.