### Year 1

#### Term 1

<table>
<thead>
<tr>
<th>Course/Program</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1: ENGL 1101</td>
<td>3</td>
</tr>
<tr>
<td>Math 1111</td>
<td>3</td>
</tr>
<tr>
<td>B2: XIDS 2002</td>
<td>2</td>
</tr>
<tr>
<td>B1, C, OR E 3</td>
<td></td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete ENGL 1102 and CHEM 1111 C or better

#### Term 2

<table>
<thead>
<tr>
<th>Course/Program</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1: ENGL 1102</td>
<td>3</td>
</tr>
<tr>
<td>A2: MATH 1113</td>
<td>4</td>
</tr>
<tr>
<td>F: CHEM 1211/1211L</td>
<td>4</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td>3</td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete ENGL 1102 and CHEM 1111 C or better
- Complete CHEM 1212/1212L with B or better over the summer to remain on track

### Term 3

<table>
<thead>
<tr>
<th>Course/Program</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>F: CHEM 1212/1212L</td>
<td>4</td>
</tr>
<tr>
<td>E1 OR E2</td>
<td>3</td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete CHEM 1212/1212L with B or better over the summer to remain on track

14 Fall Credit Hours + 14 Spring Credit Hours + 7 Summer Credit Hours = 35 Credit Hours

### Year 2

#### Term 1

<table>
<thead>
<tr>
<th>Course/Program</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>F: CHEM 2411/2411L</td>
<td>4</td>
</tr>
<tr>
<td>D1: PHYS 1111 OR 2211 + LAB</td>
<td>4</td>
</tr>
<tr>
<td>D2: MATH 1634</td>
<td>4</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td>3</td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete MATH 1634, CHEM 2411, and PHYS 1111/2211 with C or better

#### Term 2

<table>
<thead>
<tr>
<th>Course/Program</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 3422/3422L</td>
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</tr>
<tr>
<td>D1: PHYS 1112/2212 + LAB</td>
<td>4</td>
</tr>
<tr>
<td>F: MATH 1401 OR 2644</td>
<td>3/4</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td>3</td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete Organic Chemistry I and II and Physics I and II with C or better

15 Fall Credit Hours + 15/16 Spring Credit Hours = 30/31 Credit Hours
## Year 3

### Term 1
- **CHEM 3310K**: Analytical Chemistry - 4 credits
- **CHEM 3510**: Survey of Physical Chemistry - 3 credits
- **B1, C, OR E** - 3 credits
- **ELECTIVE** - 3 credits

**Milestones:**
- Complete CHEM 3310K C or better

### Term 2
- **CHEM 4711**: Biochemistry - 3 credits
- **CHEM ELECTIVE**: 3000/4000 level course - 3 credits
- **ELECTIVE** - 3 credits
- **ELECTIVE** - 3 credits
- **ELECTIVE** - 3 credits

### Year 4

### Term 1
- **CHEM 4610**: Inorganic Chemistry - 3 credits
- **CHEM ELECTIVE**: 3000/4000 level course - 3 credits
- **ELECTIVE** - 3 credits
- **ELECTIVE** - 3 credits
- **ELECTIVE** - 3 credits
- **ELECTIVE** - 3 credits

### Term 2
- **CHEM 4910L**: Tools and Applications in Chemical Research and Practice - 3 credits
- **ELECTIVE** - 3 credits
- **ELECTIVE** - 3 credits
- **ELECTIVE** - 3 credits
- **ELECTIVE** - 3 credits

13 Fall Credit Hours + 15 Spring Credit Hours = 28 Credit Hours

15 Fall Credit Hours + 15 Spring Credit Hours = 30 Credit Hours
FIRST YEAR
• Choose Concentration (ACS track recommended)
• Connect with your faculty mentor
• Join clubs (Chemistry Association or Emerging Healthcare Leaders recommended)
• Look at the Chemistry Careers page on the American Chemical Society’s webpage
• Sign up for Handshake through Career Services
• Look into on-campus self-care and stress resources especially Campus Center, Health Services, and Counseling Center
• Find study buddies
• Go to events, have fun (balance time between study, work, and fun)
• Look at the Careers page on the American Chemical Society’s webpage

MIDDLE YEARS
• Take Sophomore Seminar
• Complete Organic Chemistry sequence
• Complete Analytical Chemistry
• Complete other supporting courses (see Advisor to have a clear roadmap)
• Join a research group or seek for student employment (workshop leader, laboratory assistant)
• Attend program/department/college events
• Attend senior research presentations and on-campus conferences
• Study and hang out in the student lounge (TLC 2116)
• Explore internships or part-time jobs in career-related areas (industry, pharmacy, etc)
• Explore summer internships or REU programs
• Explore volunteer opportunities with a club or in career-related areas
• Sign up for Handshake through Career Services
• Create an account in LinkedIn
• Talk to alumni guest speakers and make connections
• Talk to your faculty mentor
• Look into on-campus self-care and stress resources especially Campus Center, Health Services, and Counseling Center
• Find study buddies
• Go to events, have fun (balance time between study, work, and fun)
• Look into on-campus self-care and stress resources especially Campus Center, Health Services, and Counseling Center
• Find study buddies
• Go to events, have fun (balance time between study, work, and fun)

LAST YEAR
• Take Senior Seminar
• Take senior capstone course(s) and complete a senior project
• Complete all required courses for a degree
• Attend program/department/college events
• Attend on-campus conferences
• Study and hang out in the student lounge (TLC 2116)
• Re-examine career paths with a chemistry degree (ACS Career page, alumni connections, your own aptitude and interest)
• Talk to alumni in a career field of interest, matched by your faculty mentor
• Talk to your faculty mentor
• Look into on-campus self-care and stress resources especially Campus Center, Health Services, and Counseling Center
• Find study buddies
• Go to events, have fun (balance time between study, work, and fun)
• Build hands-on experience through research and/or internships
• Update your resume or CV
• Apply for graduate schools, professional school, or jobs
• Make sure to get help from Career Services for cover letters, resume, application, and interviews
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• Update your resume or CV
• Apply for graduate schools, professional school, or jobs
• Make sure to get help from Career Services for cover letters, resume, application, and interviews