

**ES-Chemistry 8-Semester Plan**  
**Sophomore example**

|                                                                                                       |                                                                                                             |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Semester 1</b><br>Hum 110<br>Bio 101<br>Chem 101                                                   | <b>Semester 2</b><br>Hum 110<br>Bio 102 or ES-HSS<br>Chem 102<br>ES 200 [unless in approved abroad program] |
| <b>Semester 3</b><br>Chem 311<br>Math 111<br>Phys 101<br>ES-HSS or Group I                            | <b>Semester 4 ABROAD</b><br>Group I or Group II<br>Elective / Group I or Group II<br>Elective<br>Elective   |
| <b>Semester 5</b><br>Chem 201<br>Chemistry Elective<br>Additional Math/CS unit<br>Group I or Elective | <b>Semester 6</b><br>Chem 202<br>Chem 230<br>Bio 102 or ES-HSS<br>ES 300                                    |
| <b>Semester 7</b><br>Thesis<br>ES-HSS or Chemistry Elective<br>Group I<br>Elective                    | <b>Semester 8</b><br>Thesis<br>ES-HSS or Chemistry Elective<br>Group I or Elective                          |

**Notes:**

Abroad

Major Requirements

**ES-Chemistry 8-Semester Plan  
Junior example**

|                                                                                                           |                                                                                                             |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Semester 1</b><br>Hum 110<br>Bio 101<br>Chem 101                                                       | <b>Semester 2</b><br>Hum 110<br>Bio 102 or ES-HSS<br>Chem 102<br>ES 200 [unless in approved abroad program] |
| <b>Semester 3</b><br>Chem 201<br>Chem 311<br>Math 111<br>ES-HSS or Group I                                | <b>Semester 4</b><br>Chem 202<br>Chem 230<br>Additional Math/CS unit<br>Group I                             |
| <b>Semester 5 ABROAD</b><br>Group I or Group II<br>Elective / Group I or Group II<br>Elective<br>Elective | <b>Semester 6</b><br>Chemistry Elective<br>Chem 230<br>Bio 102 or ES-HSS<br>ES 300                          |
| <b>Semester 7</b><br>Thesis<br>Phys 101<br>ES-HSS or Chemistry Elective<br>Elective                       | <b>Semester 8</b><br>Thesis<br>ES-HSS or Chemistry Elective<br>Group I or Elective                          |

**Notes:**

Abroad

Major Requirements