# Enology Concentration

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 128</td>
<td>General Chemistry for Agriculture and Life Science II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 129</td>
<td>General Chemistry for Agriculture and Life Science III</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 312</td>
<td>Organic Chemistry: Fundamentals and Applications</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 314</td>
<td>Biochemistry: Fundamentals and Applications</td>
<td>5</td>
</tr>
<tr>
<td>MCRO 221</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>WVIT/MCRO 301</td>
<td>Wine Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>WVIT 365</td>
<td>Wine Analysis and Amelioration</td>
<td>4</td>
</tr>
<tr>
<td>WVIT 404</td>
<td>Winemaking I</td>
<td>4</td>
</tr>
<tr>
<td>WVIT 405</td>
<td>Winemaking II</td>
<td>4</td>
</tr>
<tr>
<td>WVIT 406</td>
<td>Winemaking III</td>
<td>4</td>
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</tbody>
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**Senior Project**

Select from the following:

- WVIT 464 Senior Project - Enology and Viticulture
- WVIT 465 Senior Project - Research Experience in Enology or Viticulture (2, 2)

**Approved Electives**

Select from the following:

- AGB 212 Agricultural Economics
- AGB 310 Agribusiness Credit and Finance
- AGB 323 Decision Making with Agribusiness Accounting Information
- BIO 111 General Biology
- BIO 161 Introduction to Cell and Molecular Biology
- BIO 303 Survey of Genetics
- BIO 435 Plant Physiology
- BOT/PLSC 323 Plant Pathology
- BRAE 348 Energy for a Sustainable Society
- CHEM 216 Organic Chemistry I
- CHEM 217 Organic Chemistry II
- CHEM 401 Advanced Undergraduate Research
- FSN 230 Elements of Food Processing
- FSN 340 Fermented Foods
- FSN 342 Brewing Science
- FSN 346 Brewing Methods
- FSN 354 Packaging Function in Food Processing
- FSN 370 Food Plant Sanitation and Prerequisite Programs
- FSN 374 Food Laws and Regulations
- MCRO 342 Public Health Microbiology
- MCRO 421 Food Microbiology
- PLSC 313 Agricultural Entomology
- PLSC 321 Weed Biology and Management
- PLSC 421 Postharvest Technology of Horticultural Crops

**Total units**: 58

1. Consultation with advisor is recommended prior to selecting Approved Electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or goals.

2. A maximum of 8 units of foreign language may be counted toward Approved Electives.