### BS WINE and VITICULTURE

- **60 units upper division**
- **2.0 GPA**
- **WGR**
- **USCP**

* = Required in Major; also satisfies GE

Note: No major or support courses may be taken as credit/no credit.

#### MAJOR COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>WVIT 101</td>
<td>Orientation to Wine and Viticulture</td>
<td>1</td>
</tr>
<tr>
<td>WVIT 102</td>
<td>Global Wine and Viticulture</td>
<td>4</td>
</tr>
<tr>
<td>WVIT 202</td>
<td>Fundamentals of Enology</td>
<td>4</td>
</tr>
<tr>
<td>WVIT 339</td>
<td>Internship in Wine and Viticulture</td>
<td>4</td>
</tr>
<tr>
<td>WVIT 442</td>
<td>Sensory Evaluation of Wine</td>
<td>4</td>
</tr>
<tr>
<td>WVIT 463</td>
<td>Issues, Trends and Careers in the Wine Industry</td>
<td>2</td>
</tr>
<tr>
<td>AGB 214</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>AGB 401</td>
<td>Managing Cultural Diversity in Agricultural Labor Relations (USCP) or AGB 369 or BUS 384 (8/14/15)</td>
<td>4</td>
</tr>
<tr>
<td>BRAE 340</td>
<td>Irrigation Water Management (F)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 111</td>
<td>Survey of Chemistry (B3)*</td>
<td>5</td>
</tr>
<tr>
<td>FRSC/WVIT 231</td>
<td>Viticulture or WVIT 232</td>
<td>4</td>
</tr>
<tr>
<td>SS 121</td>
<td>Introductory Soil Science</td>
<td>4</td>
</tr>
<tr>
<td>Concentration courses (see below)</td>
<td></td>
<td>73</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>121</strong></td>
</tr>
</tbody>
</table>

#### GENERAL EDUCATION (GE)

- 72 units required; 24 of which are specified in Major/Concentrations.
- See page 39 for complete GE course listing.
- Minimum of 12 units required at the 300 level.

#### Area A Communication (12 units)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Expository Writing</td>
<td>4</td>
</tr>
<tr>
<td>A2</td>
<td>Oral Communication</td>
<td>4</td>
</tr>
<tr>
<td>A3</td>
<td>Reasoning, Argumentation, and Writing</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Area B Science & Mathematics (no additional units req’d)

- **B1** Math/Statistics * 8 units in Concentrations 
- **B2** Life Science * 4 units in Concentrations 
- **B3** Physical Science * 4 units in Major 
- **B4** One lab taken with either a B2 or B3 course

#### Area C Arts and Humanities (20 units)

- **C1** Literature                                    | 4 |
- **C2** Philosophy                                    | 4 |
- **C3** Fine/Performing Arts                          | 4 |
- **C4** Upper-division elective                       | 4 |
- **Area C elective** (Choose one from C1-C4)         | 4 |

#### Area D/E Society and the Individual (16 units)

- **D1** The American Experience (40404)               | 4 |
- **D2** Political Economy * 4 units in Concentration | 0 |
- **D3** Comparative Social Institutions               | 4 |
- **D4** Self Development (CSU Area E)                 | 4 |
- **D5** Upper-division elective                       | 4 |

### Area F Technology Elective (upper division)

- 4 units in Major                                      | 0 |

### FREE ELECTIVES                                        | 11 |

### 180

#### CONCENTRATIONS (select one)

**Enology Concentration**

- WVIT 203 The Anatomy of a Wine                       | 2 |
- WVIT 301 Wine Microbiology                          | 4 |
- WVIT 365 Wine Analysis and Amelioriation            | 4 |
- WVIT 404 Winemaking I                                | 4 |
- WVIT 405 Winemaking II                               | 4 |
- WVIT 406 Winemaking III                              | 4 |
- WVIT 433 Professional Wine Selling                   | 4 |
- CHEM 312 Survey of Organic Chemistry                | 5 |
- ECON 201 Survey of Economics (D2)*                  | 4 |
- FSN 461 Senior Project or WVIT 461, 462 or          | 4 |
- WVIT 361, 462 (6/12/13)(11/9/15)                     | 3 |
- MATH 118 Pre-Calculus Algebra or                    | 4 |
- MATH 161 Calculus for Life Sciences I (B1)*         | 4 |
- MCRO 221 Microbiology (B2)*                         | 4 |
- STAT 218 Appld Stats for the Life Sciences (B1)*    | 4 |
- Approved electives                                    | 23 |

Select 23 units from the following:

- AGB 212, 301, 310, 312, 318, 322, 323, 444, 450;
- BIO 111, 303, 161;
- BOT 121, 323;
- BRAE 348, 439;
- CHEM 127, 128, 129, 216, 217, 313, 316, 317, 401; (7/13/12)
- ECON 222†;
- FRSC 202, 210, 402, 415;
- FSN 230, 270 or 370, 285, 354, 374, 462; (6/7/13)
- HCS 421;
- IT 330, 411, 435;
- MCRO 342, 421;
- PPSC 311, 321, 414, 421;
- RPTA 214, 314, 320, 321, 412, 420;
- SPAN/ITAL/FR/GER 101, 102, 103, 201 (formerly 121), 202 (formerly 122) (limited to 8 units) (1/29/14)
- **Total**                                                | 73 |

#### Viticulture Concentration

- BOT 121 General Botany (B2)*                          | 4 |
- BOT 323 Plant Pathology                               | 4 |
- CHEM 312 Survey of Organic Chemistry                  | 5 |

1 Consultation with advisor is recommended prior to selecting approved electives. See page 39 for complete GE course listing. Minimum of 12 units required at the 300 level.

2 May substitute an additional 2 units of free electives.

3 WVIT 332 taken in Winter 2016 may substitute. (11/15/16)

4 ECON 201 must be taken first, as it is not open to students with ECON 222 credit.

†† Limited to 2 units.
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<tr>
<th>Course Code</th>
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<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 201</td>
<td>Survey of Economics (D2)*</td>
<td>4</td>
</tr>
<tr>
<td>FRSC 202</td>
<td>Enterprise Project</td>
<td>2</td>
</tr>
<tr>
<td>FRSC 210</td>
<td>Viticultural Practices</td>
<td>2</td>
</tr>
<tr>
<td>FRSC 402</td>
<td>Enterprise Project Management</td>
<td>2</td>
</tr>
</tbody>
</table>
| FRSC/WVIT 415 | Vine Physiology or WVIT 332  
or WVIT 333 (9/3/15/1/15/16)        | 4     |
| HCS 461, 462 | Senior Project I, II or WVIT 461, 462 or WVIT 361, 462 (6/12/13/11/9/15) | 2,2   |
| MATH 118    | Pre-Calculus Algebra or MATH 161 Calculus for Life Sciences I (B1)* | 4     |
| PPSC 311    | Agricultural Entomology                          | 4     |
| PPSC 321    | Weed Biology and Management                      | 4     |
| PPSC 414    | Grape Pest Management                            | 4     |
| SS 221      | Fertilizers and Plant Nutrition                  | 4     |
| STAT 218    | Applied Stats for the Life Sciences (B1)*        | 4     |

Approved electives

Select 14 units from the following:

- AEPS 120; (1/5/16)
- AG 315, 360, 450, 452;
- AGB 212, 301, 310, 321, 409
- BIO 435;
- BOT 326, 335, 431;
- BRAE 438, 439;
- CHEM 313; (8/25/15)
- CRSC 244;
- GEOG 318, 328;
- FRSC 342;
- HCS 470;
- MCRO 221;
- PPSC 327, 405, 421, 431, 441;
- SS 321, 322;
- WVIT 203, 301, 332, 333, 339††, 343 (formerly AGB 443), 365, 400, 404, 405, 406, 423 (10/17/13)
- SPAN/ITAL/FR/GER 101, 102, 103, 201 (formerly 121), 202 (formerly 122) (limited to 8 units) (5/1/15)

Wine Business Concentration

AGB 202 Sales, Communication and Leadership in Agribusiness
- AGB 212 Agricultural Economics
- AGB 301 Food and Fiber Marketing
- AGB 310 Agribusiness Credit and Finance
- AGB 323 Agribusiness Managerial Accounting
- AGB 422 Logistics in Global Agribusiness
- AGB 443 Branded Wine Marketing
- AGB 444 Wine Compliance and Market Analysis
  or WVIT 444 (8/15/13)  
- AGB 450 Agribusiness Strategy Formulation
  or WVIT 450 (8/15/13)

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 WVIT 460 (4) may be used as a substitute for AGB 460 (2) and AGB 461 (2). (6/12/13)

3 WVIT 424 (2) or WVIT 425 (2) or WVIT 426 (2) or WVIT 427 (2) may substitute. (8/15/13)

†† Limited to 2 units. (12/17/13)