

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 9  
Spring 2024**

**--REQUIREMENTS--**

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All changes are underlined. Deletions are crossed out. The column to the far right indicates the date each change becomes effective. Note: Items marked {S} have been streamlined and do not require Catalog Subcommittee review.

<b>Department</b>	<b>Proposed</b>	<b>Effective Date</b>								
<p><b>{S} Agricultural and Food Systems</b> Revise requirements for BS in Agricultural and Food Systems - Organic and Sustainable Agriculture option</p>	<p><b>Organic and Sustainable Agriculture (120 Credits)</b></p> <p>Significantly different than conventional agriculture, organic food production is one of the fastest growing segments of agriculture, with retail sales increasing by 20 percent annually since 1991. In many ways, Washington State has been a leader in this burgeoning new industry. This revolutionary new major is the first of its kind to be offered in the United States. Students in this major take a diverse array of courses in the natural, environmental, economic, and social sciences, as well as a number of courses focused on organic production practices.</p> <p>Students wanting a hands-on degree experience thrive in the organic major. WSU has over a four-acre certified organic teaching farm where students learn to produce certified organic vegetables, fruit, herbs, and flowers that they distribute through local food banks, on-campus food service, a 100-member CSA (community supported agriculture), and a local farmers' market. Students have the opportunity to tailor their program of study to specific areas of emphasis, such as organic animal and dairy production, economics and marketing, crop production, food science, pest management, soil management, etc. in consultation with their advisor.</p> <p>The Organic and Sustainable Agriculture Program at WSU prepares students to work on or develop their own organic farm. It also prepares students for employment opportunities with nonprofit organizations and government agencies involved in environmental and food safety, as well as private-sector food processing, marketing, organic certification, and product development industries.</p> <p>Students may be admitted to the Organic and Sustainable Agriculture major upon making their intentions known to the department.</p> <p><b>First Year</b></p> <table border="0"> <tr> <td><i>First Term</i></td> <td align="right"><i>Credits</i></td> </tr> <tr> <td>ANIM SCI 101 or FS 110</td> <td align="right">3</td> </tr> <tr> <td>CHEM 101 [PSCI] or 105 [PSCI]</td> <td align="right">4</td> </tr> <tr> <td>ECONS 101 [SSCI]</td> <td align="right">3</td> </tr> </table>	<i>First Term</i>	<i>Credits</i>	ANIM SCI 101 or FS 110	3	CHEM 101 [PSCI] or 105 [PSCI]	4	ECONS 101 [SSCI]	3	<p align="center"><b>8-24</b></p>
<i>First Term</i>	<i>Credits</i>									
ANIM SCI 101 or FS 110	3									
CHEM 101 [PSCI] or 105 [PSCI]	4									
ECONS 101 [SSCI]	3									

ENGLISH 101 [WRTG]	3
HORT / CROP SCI 102	3
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
CHEM 102 or 106	4
HISTORY 105 [ROOT]	3
HORT / CROP SCI 202	4
SOIL SCI 101	3
<b>Second Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
AFS 201	3
BIOLOGY 106 [BSCI] or 120 [BSCI]	4
STAT 212 [QUAN]	4
UCORE Inquiry <sup>1</sup>	3
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
[COMM] Course (COM 102 [COMM] or H D 205 [COMM] recommended)	3 or 4
BIOLOGY 107	4
ENTOM 351	3
SOIL SCI 201	3
UCORE Inquiry <sup>1</sup>	3
Complete Writing Portfolio	
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
AFS 336	3
CROP SCI 305	3
CROP SCI 360	3
Horticulture Production Elective <sup>2</sup>	3
PL P 429	3
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
AFS 445	3
ECONS 352 <sup>3</sup>	3
SOIL SCI 302 [M]	3
SOIL SCI 478	2
UCORE Inquiry <sup>1</sup>	3
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>

	<p>AFS Core Systems Elective<sup>4</sup> 3</p> <p><del>CROP SCI 403</del> 3</p> <p>SOIL SCI 443 [M] 3</p> <p>SOIL SCI 479 2</p> <p>Electives <u>5</u>10</p> <p><b><i>Second Term Credits</i></b></p> <p>AFS 401 [CAPS] 3</p> <p><u>SOIL SCI 303</u> <u>2</u></p> <p>SOIL SCI 441 3</p> <p>SOIL SCI 480 2</p> <p>SOIL SCI 498 3</p> <p>Electives 4</p> <hr/> <p>Footnotes</p> <p><sup>1</sup> Must complete 3 of these 4 UCORE designations: ARTS, DIVR, EQJS, HUM.</p> <p><sup>2</sup> Horticulture Production Electives: <u>CROP SCI 403</u>, HORT 310, HORT 313, HORT 357 (spring), or as approved by advisor.</p> <p><sup>3</sup> ECONS 350, which is only offered in the fall, may be used as an alternative for ECONS 352.</p> <p><sup>4</sup> AFS Core Systems Electives: AGTM 310, ANIM SCI 464 [M], 472 [M], 474 [M], BIOLOGY 372 [M], CROP SCI 302, ECONS 351, HORT 320, SOE 300, SOIL SCI 368, or other systems courses approved by your advisor. Coursework must include a total of two [M] courses.</p>	
<p><b>Art</b> Under BA in Art, add new Graphic Arts and Integrated Design Option</p>	<p><b>Bachelor of Arts in Art – Graphic Arts and Integrated Design Option (120 Credits)</b></p> <p>A student may be admitted to the Bachelor of Arts in Art – Graphic Arts and Integrated Design Option upon completing ART 102 or 103 and 9 credits of 200-300-level art history courses, while maintaining a minimum cumulative GPA of 2.0 in ART courses.</p> <p>For the Bachelor of Arts in Art a total of at least 45 credits of ART with a minimum cumulative GPA of 2.0 is required; 18 of these credits must be in 300-400-level courses.</p> <p><b>First Year</b></p> <p><b><i>First Term Credits</i></b></p> <p>ART 102 [ARTS] 3</p> <p>ART 103 3</p> <p>ART 110 3</p> <p>Biological Sciences [BSCI] with lab<sup>1</sup> 4</p> <p>ENGLISH 101 [WRTG] 3</p> <p><b><i>Second Term Credits</i></b></p> <p>ART 332, 336, or 369 3</p> <p>ART 381 3</p>	<p><b>8-24</b></p>

HISTORY 105 [ROOT]	3
Quantitative Reasoning [QUAN]	3
Electives	3
<b>Second Year</b>	
<i>First Term</i>	<i>Credits</i>
ART 332, 336, or 369	3
Diversity [DIVR]	3
Humanities [HUM]	3
Physical Sciences [PSCI] with lab <sup>1</sup>	4
Foreign Language, if necessary, or Electives	4
<i>Second Term</i>	<i>Credits</i>
ART 304 [EQJS]	3
ART 111, 333, 337, 370, 371, or 435	3
Communication [COMM] or Written Communication [WRTG]	3
Foreign Language, if necessary, or Electives	4
Complete Writing Portfolio	
<b>Third Year</b>	
<i>First Term</i>	<i>Credits</i>
ART 111, 333, 337, 370, 371, or 435	3
ART 300-level Art History course	3
Social Sciences [SSCI]	3
300-400-level ART or Electives	6
<i>Second Term</i>	<i>Credits</i>
ART 111, 333, 337, 370, 371, or 435	3
300-400-level ART or Electives	12
<b>Fourth Year</b>	
<i>First Term</i>	<i>Credits</i>
ART 433	3
ART [M] Course	3
Electives	8
<i>Second Term</i>	<i>Credits</i>
ART 498 [CAPS][M]	3
300-400-level ART Electives	9
Electives	3

	<p>Footnotes</p> <p><sup>1</sup> To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab.</p>																																																			
<p><b>Economic Sciences</b> Revise requirements for BS in Economic Sciences, Agricultural Economics option</p>	<p><b>Agricultural Economics (120 Credits)</b></p> <p>Students are admitted to the Agricultural Economics option upon making their intention known to the department. Admitted students must meet the following two benchmarks to remain in good standing:</p> <ol style="list-style-type: none"> <li>1. Minimum WSU Cumulative GPA of 2.0.</li> <li>2. Cumulative GPA of 2.0 or higher in ECONS 301, 302, and 311.</li> </ol> <p><b>First Year</b></p> <table data-bbox="427 661 1385 919"> <thead> <tr> <th><i>First Term</i></th> <th><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>ECONS 101 [SSCI] or 102 [SSCI]</td> <td>3</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td>3</td> </tr> <tr> <td>MATH 201<sup>1</sup></td> <td>3</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td><del>3</del>6</td> </tr> <tr> <td>Electives</td> <td>3</td> </tr> </tbody> </table> <table data-bbox="427 947 1385 1205"> <thead> <tr> <th><i>Second Term</i></th> <th><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>ECONS 101 or 102</td> <td>3</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td>3</td> </tr> <tr> <td>MATH 202 [QUAN]<sup>3</sup></td> <td>3</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td>3</td> </tr> <tr> <td>Concentrated Area Course<sup>4</sup></td> <td>3</td> </tr> </tbody> </table> <p><b>Second Year</b></p> <table data-bbox="427 1304 1385 1562"> <thead> <tr> <th><i>First Term</i></th> <th><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>CHEM 101 [PSCI] OR CHEM 105 [PSCI]</td> <td>4</td> </tr> <tr> <td>COM 102 [COMM], COM 210 [COMM], or H D 205 [COMM]</td> <td>3 or 4</td> </tr> <tr> <td>ECONS 302</td> <td>3</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td>3</td> </tr> <tr> <td>Concentrated Area Course<sup>4</sup></td> <td>3</td> </tr> </tbody> </table> <table data-bbox="427 1589 1385 1894"> <thead> <tr> <th><i>Second Term</i></th> <th><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>ACCTG 230</td> <td>3</td> </tr> <tr> <td><u>B A 212</u></td> <td><u>3</u></td> </tr> <tr> <td>BLAW 210</td> <td>3</td> </tr> <tr> <td>ECONS 301</td> <td>3</td> </tr> <tr> <td>STAT 212 or MGTOP 215</td> <td>4</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td>3</td> </tr> </tbody> </table>	<i>First Term</i>	<i>Credits</i>	ECONS 101 [SSCI] or 102 [SSCI]	3	HISTORY 105 [ROOT]	3	MATH 201 <sup>1</sup>	3	UCORE Inquiry <sup>2</sup>	<del>3</del> 6	Electives	3	<i>Second Term</i>	<i>Credits</i>	ECONS 101 or 102	3	ENGLISH 101 [WRTG]	3	MATH 202 [QUAN] <sup>3</sup>	3	UCORE Inquiry <sup>2</sup>	3	Concentrated Area Course <sup>4</sup>	3	<i>First Term</i>	<i>Credits</i>	CHEM 101 [PSCI] OR CHEM 105 [PSCI]	4	COM 102 [COMM], COM 210 [COMM], or H D 205 [COMM]	3 or 4	ECONS 302	3	UCORE Inquiry <sup>2</sup>	3	Concentrated Area Course <sup>4</sup>	3	<i>Second Term</i>	<i>Credits</i>	ACCTG 230	3	<u>B A 212</u>	<u>3</u>	BLAW 210	3	ECONS 301	3	STAT 212 or MGTOP 215	4	UCORE Inquiry <sup>2</sup>	3	<p><b>8-24</b></p>
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<p><b>Economic Sciences</b> Revise requirements for BS in Economic</p>	<p><b>Financial Markets (120 Credits)</b></p>	<p><b>8-24</b></p>

Sciences, Financial Markets option	<p>Students are admitted to the Financial Markets option upon making their intention known to the department. Admitted students must meet the following two benchmarks to remain in good standing:</p> <ol style="list-style-type: none"> <li>1. Minimum WSU cumulative GPA of 2.0.</li> <li>2. Cumulative GPA of 2.0 or higher in ECONS 301, 302, and 311.</li> </ol> <p><b>First Year</b></p> <p><i>First Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>ECONS 101 [SSCI] or 102 [SSCI] <span style="float: right;">3</span></p> <p>HISTORY 105 [ROOT] <span style="float: right;">3</span></p> <p>MATH 201<sup>1</sup> <span style="float: right;">3</span></p> <p>UCORE Inquiry<sup>2</sup> <span style="float: right;">3</span></p> <p>Electives <span style="float: right;">3</span></p> <p><i>Second Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>ECONS 101 or 102 <span style="float: right;">3</span></p> <p>ENGLISH 101 [WRTG] <span style="float: right;">3</span></p> <p>MATH 202 [QUAN]<sup>3</sup> <span style="float: right;">3</span></p> <p>UCORE Inquiry<sup>2</sup> <span style="float: right;">3</span></p> <p>Electives <span style="float: right;">3</span></p> <p><b>Second Year</b></p> <p><i>First Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>ACCTG 230 <span style="float: right;">3</span></p> <p>COM 102 [COMM], COM 210 [COMM], or H D 205 [COMM] <span style="float: right;">3 or 4</span></p> <p>ECONS 302 <span style="float: right;">3</span></p> <p>MIS 250 <span style="float: right;">3</span></p> <p>UCORE Inquiry<sup>2</sup> <span style="float: right;">4</span></p> <p><i>Second Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>ACCTG 231 <span style="float: right;">3</span></p> <p>ECONS 301 <span style="float: right;">4</span></p> <p>MGTOP 215 <span style="float: right;">4</span></p> <p>UCORE Inquiry<sup>2</sup> <span style="float: right;">3</span></p> <p><b>Third Year</b></p> <p><i>First Term</i> <span style="float: right;"><i>Credits</i></span></p> <p><u>B A 212</u> <span style="float: right;"><u>3</u></span></p> <p>ECONS 311 [M] <span style="float: right;">3</span></p> <p>ECONS 320 <span style="float: right;">3</span></p> <p>ECONS 322 <span style="float: right;">3</span></p> <p>UCORE Inquiry<sup>2</sup> <span style="float: right;">3</span></p>
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	<p><b>Electives</b> 3</p> <p><b>Second Term</b> <i>Credits</i></p> <p>ECONS 300-400-level Elective 3</p> <p>ECONS 420 3</p> <p>FIN 325 3</p> <p>Financial Markets Option Required Course<sup>4</sup> 3</p> <p>Electives 3</p> <p><b>Fourth Year</b></p> <p><b>First Term</b> <i>Credits</i></p> <p>ECONS 300-400-level Elective 3</p> <p>ECONS 483, 495, 497, 499, or HONORS 450 3</p> <p>ENGLISH 301, 402 [M], 403 [M] 3</p> <p>FIN 421 <del>OR</del> <u>or</u> 427 3</p> <p>Electives 3</p> <p><b>Second Term</b> <i>Credits</i></p> <p>ECONS 400-level Elective 3</p> <p>ECONS 425 or 427 3</p> <p>ECONS 490 [M] [CAPS] 3</p> <p>Financial Markets Option Required Course<sup>4</sup> 3</p> <p>Electives 3</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> MATH 201 will be waived with an ALEKS score of 80% or higher, or the completion of MATH 202 or equivalent. Alternative to MATH 201 is MATH 106, 172, or 220.</p> <p><sup>2</sup> Must complete 5 of these 6 UCORE designations: ARTS, BSCI, DIVR, EQJS, HUM, PSCI. One lab science (BSCI or PSCI) must be completed.</p> <p><sup>3</sup> <del>Alternative to MATH 201 is MATH 106, 172, or 220; a</del> Alternative to MATH 202 is MATH 171.</p> <p><sup>4</sup> Financial Markets option (6 credits): Approved courses include ECONS 424, FIN 350, 456, STAT/MATH 360, one 400-level FIN course, and one 400-level ECONS course not used to fulfill major requirements.</p>	
<p><b>Economic Sciences</b> Revise requirements for BS in Economic Sciences, Quantitative Economics option</p>	<p><b>Quantitative Economics (120 Credits)</b></p> <p>Students are admitted to the Quantitative Economics option upon making their intention known to the department. Admitted students must meet the following two benchmarks to remain in good standing:</p> <ol style="list-style-type: none"> <li>1. Minimum WSU cumulative GPA of 2.0.</li> <li>2. Cumulative GPA of 2.0 or higher in ECONS 301, 302, and 311.</li> </ol> <p><b>First Year</b></p> <p><b>First Term</b> <i>Credits</i></p>	<p><b>8-24</b></p>



ECONS 101 [SSCI] or 102 [SSCI]	3
HISTORY 105 [ROOT]	3
MATH 171 [QUAN]	4
UCORE Inquiry <sup>1</sup>	4
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
ECONS 101 or 102	3
ENGLISH 101 [WRTG]	3
MATH 172	4
UCORE Inquiry <sup>1</sup>	3
Electives	3
<b>Second Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
COM 102 [COMM], 210 [COMM], or H D 205 [COMM]	3 or 4
Economics Emphasis Course <sup>2</sup>	<del>2 or</del> <u>3 to 4</u>
ECONS 301	4
UCORE Inquiry <sup>1</sup>	6
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
<u>B A 212</u>	<u>3</u>
Economics Emphasis Course <sup>2</sup>	3 <u>or 4</u>
ECONS 302	3
MATH 220	2
STAT 212 or MGTOP 215	4
<del>UCORE Inquiry<sup>1</sup></del>	<del>3</del>
Complete Writing Portfolio	
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
Economics Emphasis Course <sup>2</sup>	3 <u>or 4</u>
ECONS 300-400-level Elective <sup>3</sup>	3
ECONS 311 [M]	3
<u>UCORE Inquiry<sup>1</sup></u>	<u>3</u>
Electives	<del>6</del> <u>3</u>
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
ECONS 300-400-level Elective <sup>3</sup>	3
ECONS 420	3
ECONS 424	3
Electives	6

	<p><b>Fourth Year</b></p> <p><i>First Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>ECONS 400-500-level Elective<sup>3</sup> <span style="float: right;">3</span></p> <p>ECONS 483, 495, 497, 499, or HONORS 450 <span style="float: right;">3</span></p> <p>MATH 364, 401, or ECONS 526 <span style="float: right;">3</span></p> <p>MATH 420 or ECONS 527 <span style="float: right;">3</span></p> <p>Electives <span style="float: right;">3</span></p> <p><i>Second Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>ECONS 400-500-level Elective<sup>3</sup> <span style="float: right;">3</span></p> <p>ECONS 490 [CAPS] [M] <span style="float: right;">3</span></p> <p>ENGLISH 301, 402 [M], or 403 [M] <span style="float: right;">3</span></p> <p>STAT 360, 443, or ECONS 525 <span style="float: right;">3</span></p> <p>Electives <span style="float: right;">3</span></p> <hr/> <p>Footnotes</p> <p><sup>1</sup> Must complete 5 of these 6 UCORE designations: ARTS, BSCI, DIVR, EQJS, HUM, PSCI. One lab science (BSCI or PSCI) must be completed.</p> <p><sup>2</sup> Economics Emphasis Courses (3 courses required from one area): (1) Math: MATH 273, 301, and 315; (2) Management Operations: ECONS 426, 452; MGTOP 340; (3) Computer Science: CPT S 121, 122, and 215.</p> <p><sup>3</sup> ECONS courses not used to fulfill major requirement.</p>	
<p><b>Pharmacy</b> Under BS in Pharmaceutical and Medical Sciences, add new: Medical Laboratory Science Option</p>	<p><b>Pharmaceutical and Medical Sciences – Medical Laboratory Science option (137 Credits)</b></p> <p><b>First Year</b></p> <p><i>First Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>BIOLOGY 106 [BSCI] <span style="float: right;">4</span></p> <p>CHEM 105 [PSCI] <span style="float: right;">4</span></p> <p>ENGLISH 101 [WRTG] <span style="float: right;">3</span></p> <p>MATH 140 [QUAN] <span style="float: right;">4</span></p> <p><i>Second Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>BIOLOGY 107 <span style="float: right;">4</span></p> <p>CHEM 106 <span style="float: right;">4</span></p> <p>HISTORY 105 [ROOT] <span style="float: right;">3</span></p> <p>STAT 212 <span style="float: right;">4</span></p> <p><b>Second Year</b></p> <p><i>First Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>CHEM 345 <span style="float: right;">4</span></p> <p>MBIOS 305 <span style="float: right;">3</span></p> <p>UCORE Inquiry<sup>1</sup> <span style="float: right;">6</span></p> <p><i>Second Term</i> <span style="float: right;"><i>Credits</i></span></p>	<p><b>8-24</b></p>

	BIOLOGY 315 4 BIOLOGY 353 4 CHEM 348 4 Complete Writing Portfolio <b>Third Year</b> <i>First Term</i> <span style="float: right;"><b>Credits</b></span> MBIOS 440 3 PHARMEDS 313 [M] 3 PHARMEDS 323 3 TMP 350 3 <i>Second Term</i> <span style="float: right;"><b>Credits</b></span> PHARMEDS 315 [COMM] 4 PHARMEDS 425 3 PHARMEDS 421 [M] 3 PHARMEDS 330 3 <b>Fourth Year</b> <i>First Term</i> <span style="float: right;"><b>Credits</b></span> PHARMEDS 401 3 PHARMEDS 415 3 TMP 414 3 UCORE Inquiry <sup>1</sup> 3 <i>Second Term</i> <span style="float: right;"><b>Credits</b></span> PHARMEDS 485 14 <i>Third Term</i> <span style="float: right;"><b>Credits</b></span> PHARMEDS 486 2 <b>Fifth Year</b> <i>First Term</i> <span style="float: right;"><b>Credits</b></span> PHARMEDS 487 16 <i>Second Term</i> <span style="float: right;"><b>Credits</b></span> PHARMEDS 490 [CAPS] 3 PHARMEDS 488 1 UCORE Inquiry <sup>1</sup> 3 Elective or Selective <sup>2</sup> 6	
	<b>Footnotes</b> <sup>1</sup> Must complete 4 of these 5 UCORE designations: ARTS, DIVR, EQJS, HUM, SSCI. <sup>2</sup> PHARMEDS Elective or Selective courses: Choose from PHARMEDS 444, 445, NEP 200, 477, 455, 471, 476, SHS 479, or other courses in consultation with advisor.	
<b>Psychology</b> Revise requirements for BS in Psychology -	<b>Psychology - Accelerated Pre-Pharmacy Option (135 Credits)</b> This option has been established for admission of highly academically qualified students to the Doctor of Pharmacy (PharmD) program in the	<b>8-24</b>

<p>Accelerated Pre-Pharmacy Option</p>	<p>Washington State University College of Pharmacy. The program of study consists of three years of undergraduate coursework that fulfills the pre-pharmacy and Psychology requirements followed by the four-year PharmD Program. Satisfactory completion of this 7-year curriculum leads to the Bachelor of Science (B.S.) in Psychology and Doctor of Pharmacy (PharmD) degrees.</p> <p>Admission to the PharmD program requires application to and approval of the Pharmacy Admissions Committee.</p> <p>Students must complete a minimum of 90 undergraduate credits including 30 credits of upper-division coursework, and 30 credits (1st year) of the PharmD coursework, as specified, to earn the Bachelor of Science in Psychology.</p> <p><b>First Year</b></p> <p><i>First Term</i></p> <table data-bbox="423 751 1385 1010"> <thead> <tr> <th></th> <th style="text-align: right;"><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>BIOLOGY 106 [BSCI]</td> <td style="text-align: right;">4</td> </tr> <tr> <td>CHEM 105 [PSCI]</td> <td style="text-align: right;">4</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MATH 106 or 140 [QUAN] or 171 [QUAN] or 202 [QUAN]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSYCH 105 [SSCI]</td> <td style="text-align: right;">3</td> </tr> </tbody> </table> <p><i>Second Term</i></p> <table data-bbox="423 1037 1385 1295"> <thead> <tr> <th></th> <th style="text-align: right;"><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>BIOLOGY 107</td> <td style="text-align: right;">4</td> </tr> <tr> <td>CHEM 106</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Diversity [DIVR]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSYCH 210</td> <td style="text-align: right;">3</td> </tr> </tbody> </table> <p><b>Second Year</b></p> <p><i>First Term</i></p> <table data-bbox="423 1392 1385 1650"> <thead> <tr> <th></th> <th style="text-align: right;"><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>CHEM 345</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Communication [COMM] or Written Communication [WRTG]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Humanities [HUM]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSYCH 311<sup>1</sup></td> <td style="text-align: right;">4</td> </tr> <tr> <td>Focus Area PSYCH Elective<sup>2</sup></td> <td style="text-align: right;">3</td> </tr> </tbody> </table> <p><i>Second Term</i></p> <table data-bbox="423 1677 1385 1894"> <thead> <tr> <th></th> <th style="text-align: right;"><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>BIOLOGY 315 or 354</td> <td style="text-align: right;">4</td> </tr> <tr> <td>CHEM 348</td> <td style="text-align: right;">4</td> </tr> <tr> <td>PSYCH 312</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Focus Area PSYCH Electives<sup>2</sup></td> <td style="text-align: right;">6</td> </tr> </tbody> </table>		<i>Credits</i>	BIOLOGY 106 [BSCI]	4	CHEM 105 [PSCI]	4	HISTORY 105 [ROOT]	3	MATH 106 or 140 [QUAN] or 171 [QUAN] or 202 [QUAN]	3	PSYCH 105 [SSCI]	3		<i>Credits</i>	BIOLOGY 107	4	CHEM 106	4	Diversity [DIVR]	3	ENGLISH 101 [WRTG]	3	PSYCH 210	3		<i>Credits</i>	CHEM 345	4	Communication [COMM] or Written Communication [WRTG]	3	Humanities [HUM]	3	PSYCH 311 <sup>1</sup>	4	Focus Area PSYCH Elective <sup>2</sup>	3		<i>Credits</i>	BIOLOGY 315 or 354	4	CHEM 348	4	PSYCH 312	4	Focus Area PSYCH Electives <sup>2</sup>	6
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<p><b>Viticulture and Enology</b> Revise requirements for BS in Viticulture and Enology</p>	<p><b>Viticulture and Enology (Tri-Cities Only) (122 Credits)</b></p> <p>Offered exclusively at the Tri-Cities campus, the BS in Viticulture and Enology prepares students for successful careers in the wine industry in Washington and beyond.</p> <p>A WSU Tri Cities student may be admitted to the Viticulture and Enology degree program upon making their intention known to the department.</p>	<p><b>8-24</b></p>

Students from other campuses may work with a V&E advisor, and begin taking courses but acceptance to WSU Tri-Cities is required before admission to the major is granted.

**First Year**

<i>First Term</i>	<i>Credits</i>
CHEM 101 [PSCI] or 105 [PSCI]	4
ECONS 101 [SSCI] or 102 [SSCI]	3
HISTORY 105 [ROOT]	3
MATH 103 or 106 <sup>1</sup>	3
VIT ENOL 113	3

<i>Second Term</i>	<i>Credits</i>
Arts [ARTS]	3
CHEM 102 or 106	4
ENGLISH 101 [WRTG]	3
SOIL SCI 201	3

**Second Year**

<i>First Term</i>	<i>Credits</i>
BIOLOGY 106 [BSCI] or BIOLOGY 120 [BSCI]	4
CHEM 345	4
Communication [COMM] or Written Communication [WRTG] <sup>2</sup>	3 or 4
Specialization Elective <sup>3</sup>	3

<i>Second Term</i>	<i>Credits</i>
BIOLOGY 107	4
MBIOS 101 or 305	3 or 4
STAT 212 [QUAN]	4
VIT ENOL 280	4
Complete Writing Portfolio	

<i>Third Term</i>	<i>Credits</i>
VIT ENOL 498 <sup>4</sup>	2

**Third Year**

<i>First Term</i>	<i>Credits</i>
BIOLOGY 420	3
Diversity [DIVR]	3
PL P 300 <sup>5</sup>	2
VIT ENOL 311	3
VIT ENOL 312	1
VIT ENOL 322	3

VIT ENOL 323	1
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
ENTOM 351	3
MBIOS 303 or CHEM 370	4 or 3
VIT ENOL 340 [M]	3
VIT ENOL 341	1
VIT ENOL 414	3
VIT ENOL 415	1
VIT ENOL 490	1
<b><i>Third Term</i></b>	<b><i>Credits</i></b>
VIT ENOL 498 <sup>4</sup>	2
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
Equity and Justice [EQJS]	3
Humanities [HUM]	3
<del>VIT ENOL 422</del>	<del>3</del>
<del>VIT ENOL 423</del>	<del>1</del>
VIT ENOL 438	3
VIT ENOL 439	1
<u>VIT ENOL 482</u>	<u>3</u>
<u>VIT ENOL 483</u>	<u>1</u>
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
HORT 416 <sup>6</sup>	3
<u>VIT ENOL 422</u>	<u>3</u>
<u>VIT ENOL 423</u>	<u>1</u>
<del>VIT ENOL 482</del>	<del>3</del>
<del>VIT ENOL 483</del>	<del>1</del>
VIT ENOL 490	1
VIT ENOL 494 [CAPS] [M]	3
Specialization Electives <sup>3</sup>	3
<b>Footnotes</b>	
<sup>1</sup> MATH 106 is recommended.	
<sup>2</sup> COM 102 or H D 205 recommended.	
<sup>3</sup> Specialization Electives (6 credits): Approved courses include HBM 350, 358; HORT 102*, 202*, 310, 320, 421, 495, 499; MATH 106*, 140; MBIOS 301, 306; MKTG 360; PHYSICS 101; SOE 322; SOIL SCI 302 [M], 374, 441, 468, or as approved by advisor. *Recommended.	
<sup>4</sup> VIT ENOL 498 is a variable credit 1-4 course. Four credits are required but can be divided as desired between second year, third term; and third year, third term.	
<sup>5</sup> PL P 429 can be taken as an alternative, but PL P 300 is recommended. PL P 300 is offered Even Years – Fall.	

	<sup>6</sup> CROP SCI 411 [M] can be taken in the fall as an alternative to HORT 416.	
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