

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

**--REQUIREMENTS--**

Faculty Senate approved April 4, 2024

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.

Department	Proposed	Effective Date
<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> <p><i>First Term</i></p> <p>ANIM SCI 101 or FS 110</p>	<p><b>8-24</b></p>
	<p><i>Credits</i></p> <p>3</p>	

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>	

	<p><b>First Term</b></p> <table border="0"> <tr> <td>AFS Core Systems Elective<sup>4</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td><del>CROP SCI 403</del></td> <td style="text-align: right;"><del>3</del></td> </tr> <tr> <td>SOIL SCI 443 [M]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>SOIL SCI 479</td> <td style="text-align: right;">2</td> </tr> <tr> <td>Electives</td> <td style="text-align: right;"><u>5</u>10</td> </tr> </table> <p><b>Second Term</b></p> <table border="0"> <tr> <td>AFS 401 [CAPS]</td> <td style="text-align: right;">3</td> </tr> <tr> <td><u>SOIL SCI 303</u></td> <td style="text-align: right;"><u>2</u></td> </tr> <tr> <td>SOIL SCI 441</td> <td style="text-align: right;">3</td> </tr> <tr> <td>SOIL SCI 480</td> <td style="text-align: right;">2</td> </tr> <tr> <td>SOIL SCI 498</td> <td style="text-align: right;">3</td> </tr> <tr> <td><del>Electives</del></td> <td style="text-align: right;"><del>4</del></td> </tr> </table> <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>	AFS Core Systems Elective <sup>4</sup>	3	<del>CROP SCI 403</del>	<del>3</del>	SOIL SCI 443 [M]	3	SOIL SCI 479	2	Electives	<u>5</u> 10	AFS 401 [CAPS]	3	<u>SOIL SCI 303</u>	<u>2</u>	SOIL SCI 441	3	SOIL SCI 480	2	SOIL SCI 498	3	<del>Electives</del>	<del>4</del>	
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<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> <table border="0"> <tr> <td colspan="2"><b>First Term</b></td> <td style="text-align: right;"><b>Credits</b></td> </tr> <tr> <td>ART 102 [ARTS]</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>ART 103</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>ART 110</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>Biological Sciences [BSCI] with lab<sup>1</sup></td> <td></td> <td style="text-align: right;">4</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2"><b>Second Term</b></td> <td style="text-align: right;"><b>Credits</b></td> </tr> </table>	<b>First Term</b>		<b>Credits</b>	ART 102 [ARTS]		3	ART 103		3	ART 110		3	Biological Sciences [BSCI] with lab <sup>1</sup>		4	ENGLISH 101 [WRTG]		3	<b>Second Term</b>		<b>Credits</b>	<p><b>8-24</b></p>	
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ART 332, 336, or 369	3
ART 381	3
HISTORY 105 [ROOT]	3
Quantitative Reasoning [QUAN]	3
ART or Electives (recommended courses include DTC 201 and 335)	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 (recommended courses include DTC 201, 335, 336, 435, and 436)	6
<i>Second Term</i>	<i>Credits</i>
ART 111, 333, 337, 370, 371, or 435	3
300-400-level ART or Electives (recommended courses include DTC 201, 335, 336, 435, and 436)	12
<b>Fourth Year</b>	
<i>First Term</i>	<i>Credits</i>
ART 433	3
ART [M] Course	3
ART or Electives (recommended courses include DTC 201, 335, 336, 435, and 436)	8
<i>Second Term</i>	<i>Credits</i>

	<p>ART 498 [CAPS][M] <sup>2</sup> 3  300-400-level ART Electives 9  Electives 3</p> <hr/> <p>Footnotes  <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.  <sup>2</sup> ART 498 [M] is repeatable but cannot be used to fulfill both of the two required [M] courses.</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 border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>First Term</i></th> <th style="text-align: right;"><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>ECONS 101 [SSCI] or 102 [SSCI]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MATH 201<sup>1</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td style="text-align: right;"><del>3</del> 6</td> </tr> <tr> <td>Electives</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <th style="text-align: left;"><i>Second Term</i></th> <th style="text-align: right;"><i>Credits</i></th> </tr> <tr> <td>ECONS 101 or 102</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>MATH 202 [QUAN]<sup>3</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td>Concentrated Area Course<sup>4</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <th colspan="2"><b>Second Year</b></th> </tr> <tr> <th style="text-align: left;"><i>First Term</i></th> <th style="text-align: right;"><i>Credits</i></th> </tr> <tr> <td>CHEM 101 [PSCI] OR CHEM 105 [PSCI]</td> <td style="text-align: right;">4</td> </tr> <tr> <td>COM 102 [COMM], COM 210 [COMM], or H D 205 [COMM]</td> <td style="text-align: right;">3 or 4</td> </tr> <tr> <td>ECONS 302</td> <td style="text-align: right;">3</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td>Concentrated Area Course<sup>4</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <th style="text-align: left;"><i>Second Term</i></th> <th style="text-align: right;"><i>Credits</i></th> </tr> <tr> <td>ACCTG 230</td> <td style="text-align: right;">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	 		<b>Second Year</b>		<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	<p><b>8-24</b></p>
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<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>	<u>3</u>
Complete Writing Portfolio	

**Third Year**

***First Term*** ***Credits***

ACCTG 231	3
Concentrated Area Course <sup>4</sup>	3
ECONS 311 [M]	3
Sequence Course <sup>5</sup>	3
Electives	1

***Second Term*** ***Credits***

Concentrated Area Course <sup>4</sup>	3
ECONS 335 <del>OR</del> <u>or</u> FIN 325	3
Sequence Course <sup>5</sup>	3
Electives	6

**Fourth Year**

***First Term*** ***Credits***

ECONS 431	3
ECONS 483, 495, 497, 499, or HONORS 450	3
ECONS 490 [CAPS] [M]	3
ENGLISH 301, 402 [M], or 403 [M]	3
Sequence Course <sup>5</sup>	3

***Second Term*** ***Credits***

Sequence Course <sup>5</sup>	3
400-level ECONS Elective <sup>6</sup>	3
Electives	9

**Footnotes**

<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.

<sup>2</sup> Must complete 4 of these 5 UCORE designations: ARTS, BSCI, DIVR, EQJS, HUM.

<sup>3</sup> Alternative to MATH 202 is MATH 171.

<sup>4</sup> Concentrated Area Courses: Four courses from any one of the following concentration areas: (1)Agricultural Production: ANIM SCI 101, HORT/CROP SCI 102 or ENTOM 150, CROP SCI 360, MGTOP 340; (2) Real Estate & Land Management: FIN 325, 345, 445 [M], MIS 250; (3) Food Safety & Policy: FS 110, 201, 220, 303; (4) Globalization: two semesters foreign language, ECONS 327/I BUS 470, ECONS 428, 430, SOC 415; (5) Sustainability: CROP SCI 360, ECONS 326/SOC 375, SOE 110, 285; (6) Independent Concentration - upon approval of advisor.

	<p><sup>5</sup> Pick two sequences (4 courses): ECONS 350 + 450 [M]; or ECONS 351 + 451; or ECONS 352 + 452 [M].</p> <p><sup>6</sup> Any 400-level ECONS course not used to fulfill major requirements.</p>																																																													
<p><b>Economic Sciences</b> Revise requirements for BS in Economic Sciences, Financial Markets option</p>	<p><b>Financial Markets (120 Credits)</b></p> <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> <table border="0"> <thead> <tr> <th style="text-align: left;"><i>First Term</i></th> <th style="text-align: right;"><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>ECONS 101 [SSCI] or 102 [SSCI]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MATH 201<sup>1</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td>Electives</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <th style="text-align: left;"><i>Second Term</i></th> <th style="text-align: right;"><i>Credits</i></th> </tr> <tr> <td>ECONS 101 or 102</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>MATH 202 [QUAN]<sup>3</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td>Electives</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <th colspan="2"><b>Second Year</b></th> </tr> <tr> <th style="text-align: left;"><i>First Term</i></th> <th style="text-align: right;"><i>Credits</i></th> </tr> <tr> <td>ACCTG 230</td> <td style="text-align: right;">3</td> </tr> <tr> <td>COM 102 [COMM], COM 210 [COMM], or H D 205 [COMM]</td> <td style="text-align: right;">3 or 4</td> </tr> <tr> <td>ECONS 302</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MIS 250</td> <td style="text-align: right;">3</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td style="text-align: right;">4</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <th style="text-align: left;"><i>Second Term</i></th> <th style="text-align: right;"><i>Credits</i></th> </tr> <tr> <td>ACCTG 231</td> <td style="text-align: right;">3</td> </tr> <tr> <td>ECONS 301</td> <td style="text-align: right;">4</td> </tr> <tr> <td>MGTOP 215</td> <td style="text-align: right;">4</td> </tr> <tr> <td>UCORE Inquiry<sup>2</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <th colspan="2"><b>Third Year</b></th> </tr> <tr> <th style="text-align: left;"><i>First Term</i></th> <th style="text-align: right;"><i>Credits</i></th> </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>	3	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	Electives	3	 		<b>Second Year</b>		<i>First Term</i>	<i>Credits</i>	ACCTG 230	3	COM 102 [COMM], COM 210 [COMM], or H D 205 [COMM]	3 or 4	ECONS 302	3	MIS 250	3	UCORE Inquiry <sup>2</sup>	4	 		<i>Second Term</i>	<i>Credits</i>	ACCTG 231	3	ECONS 301	4	MGTOP 215	4	UCORE Inquiry <sup>2</sup>	3	 		<b>Third Year</b>		<i>First Term</i>	<i>Credits</i>	<p><b>8-24</b></p>
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	<p><u>B A 212</u> 3</p> <p>ECONS 311 [M] 3</p> <p>ECONS 320 3</p> <p>ECONS 322 3</p> <p>UCORE Inquiry<sup>2</sup> 3</p> <p><del>Electives</del> 3</p> <p><b>Second Term</b> <b>Credits</b></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> <b>Credits</b></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> <b>Credits</b></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>	
	<p>Footnotes</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;</del> a <u>Alternative to MATH 202 is MATH 171.</u></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>	<p><b>8-24</b></p>



1. Minimum WSU cumulative GPA of 2.0.
2. Cumulative GPA of 2.0 or higher in ECONS 301, 302, and 311.

**First Year**

<i>First Term</i>	<i>Credits</i>
ECONS 101 [SSCI] or 102 [SSCI]	3
HISTORY 105 [ROOT]	3
MATH 171 [QUAN]	4
UCORE Inquiry <sup>1</sup>	4

<i>Second Term</i>	<i>Credits</i>
ECONS 101 or 102	3
ENGLISH 101 [WRTG]	3
MATH 172	4
UCORE Inquiry <sup>1</sup>	3
Electives	3

**Second Year**

<i>First Term</i>	<i>Credits</i>
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

<i>Second Term</i>	<i>Credits</i>
<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	

**Third Year**

<i>First Term</i>	<i>Credits</i>
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>

	<p><b>Second Term</b></p> <p>ECONS 300-400-level Elective<sup>3</sup> 3</p> <p>ECONS 420 3</p> <p>ECONS 424 3</p> <p>Electives 6</p> <p><b>Fourth Year</b></p> <p><b>First Term</b></p> <p>ECONS 400-500-level Elective<sup>3</sup> 3</p> <p>ECONS 483, 495, 497, 499, or HONORS 450 3</p> <p>MATH 364, 401, or ECONS 526 3</p> <p>MATH 420 or ECONS 527 3</p> <p>Electives 3</p> <p><b>Second Term</b></p> <p>ECONS 400-500-level Elective<sup>3</sup> 3</p> <p>ECONS 490 [CAPS] [M] 3</p> <p>ENGLISH 301, 402 [M], or 403 [M] 3</p> <p>STAT 360, 443, or ECONS 525 3</p> <p>Electives 3</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><b>First Term</b></p> <p>BIOLOGY 106 [BSCI] 4</p> <p>CHEM 105 [PSCI] 4</p> <p>ENGLISH 101 [WRTG] 3</p> <p>MATH 140 [QUAN] 4</p> <p><b>Second Term</b></p> <p>BIOLOGY 107 4</p> <p>CHEM 106 4</p> <p>HISTORY 105 [ROOT] 3</p> <p>STAT 212 4</p>	<p><b>8-24</b></p>

<b>Second Year</b>	
<i>First Term</i>	<i>Credits</i>
CHEM 345	4
MBIOS 305	3
UCORE Inquiry <sup>1</sup>	6
<i>Second Term</i>	<i>Credits</i>
BIOLOGY 315	4
BIOLOGY 353	4
CHEM 348	4
Complete Writing Portfolio	
<b>Third Year</b>	
<i>First Term</i>	<i>Credits</i>
MBIOS 440	3
PHARMEDS 313 [M]	3
PHARMEDS 323	3
TMP 350	3
<i>Second Term</i>	<i>Credits</i>
PHARMEDS 315 [COMM]	4
PHARMEDS 425	3
PHARMEDS 421 [M]	3
PHARMEDS 330	3
<b>Fourth Year</b>	
<i>First Term</i>	<i>Credits</i>
PHARMEDS 401	3
PHARMEDS 415	3
TMP 414	3
UCORE Inquiry <sup>1</sup>	3
<i>Second Term</i>	<i>Credits</i>
PHARMEDS 485	14
<i>Third Term</i>	<i>Credits</i>
PHARMEDS 486	2
<b>Fifth Year</b>	
<i>First Term</i>	<i>Credits</i>
PHARMEDS 487	16
<i>Second Term</i>	<i>Credits</i>
PHARMEDS 490 [CAPS]	3
PHARMEDS 488	1
UCORE Inquiry <sup>1</sup>	3
Elective or Selective <sup>2</sup>	6
<b>Footnotes</b>	

	<p><sup>1</sup> Must complete 4 of these 5 UCORE designations: ARTS, DIVR, EQJS, HUM, SSCI.</p> <p><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.</p>																																					
<p><b>Psychology</b> Revise requirements for BS in Psychology - Accelerated Pre- Pharmacy Option</p>	<p><b>Psychology - Accelerated Pre-Pharmacy Option (135 Credits)</b></p> <p>This option has been established for admission of highly academically qualified students to the Doctor of Pharmacy (PharmD) program in the 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> <table data-bbox="427 1014 1385 1276"> <thead> <tr> <th><i>First Term</i></th> <th><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>BIOLOGY 106 [BSCI]</td> <td>4</td> </tr> <tr> <td>CHEM 105 [PSCI]</td> <td>4</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td>3</td> </tr> <tr> <td>MATH 106 or 140 [QUAN] or 171 [QUAN] or 202 [QUAN]</td> <td>3</td> </tr> <tr> <td>PSYCH 105 [SSCI]</td> <td>3</td> </tr> </tbody> </table> <table data-bbox="427 1297 1385 1560"> <thead> <tr> <th><i>Second Term</i></th> <th><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>BIOLOGY 107</td> <td>4</td> </tr> <tr> <td>CHEM 106</td> <td>4</td> </tr> <tr> <td>Diversity [DIVR]</td> <td>3</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td>3</td> </tr> <tr> <td>PSYCH 210</td> <td>3</td> </tr> </tbody> </table> <p><b>Second Year</b></p> <table data-bbox="427 1654 1385 1917"> <thead> <tr> <th><i>First Term</i></th> <th><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>CHEM 345</td> <td>4</td> </tr> <tr> <td>Communication [COMM] or Written Communication [WRTG]</td> <td>3</td> </tr> <tr> <td>Humanities [HUM]</td> <td>3</td> </tr> <tr> <td>PSYCH 311<sup>1</sup></td> <td>4</td> </tr> <tr> <td>Focus Area PSYCH Elective<sup>2</sup></td> <td>3</td> </tr> </tbody> </table>	<i>First Term</i>	<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>Second Term</i>	<i>Credits</i>	BIOLOGY 107	4	CHEM 106	4	Diversity [DIVR]	3	ENGLISH 101 [WRTG]	3	PSYCH 210	3	<i>First Term</i>	<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	<p><b>8-24</b></p>
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<i>Second Term</i>	<i>Credits</i>																																					
BIOLOGY 107	4																																					
CHEM 106	4																																					
Diversity [DIVR]	3																																					
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<b><i>Second Term</i></b>	<b><i>Credits</i></b>
BIOLOGY 315 or 354	4
CHEM 348	4
PSYCH 312	4
Focus Area PSYCH Electives <sup>2</sup>	6
Complete Writing Portfolio <sup>3</sup>	
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
Arts [ARTS]	3
MBIOS 303	4
Focus Area PSYCH Electives <sup>2</sup>	9
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
BIOLOGY 251 or 353	4
Equity and Justice [EQJS]	3
MBIOS 305	3
PSYCH [M]	3
Focus Area PSYCH Electives <sup>2</sup>	3
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
PHARMACY and PHARDSCI coursework	16
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
Integrated Capstone [CAPS] <sup>4</sup>	3
PHARMACY and PHARDSCI coursework	15
Complete Psychology Exit Interview and Survey	
<b>Footnotes</b>	
<sup>1</sup> PSYCH 311 will meet the statistics pre-requisite for admission to the Doctor of Pharmacy program.	
<sup>2</sup> Focus Area Electives (21 credits): Students must complete at least 2 courses from each of the following areas: 1) <del>Neuroscience/Cognition</del> <u>Behavior/Cognition</u> : PSYCH <del>110, 265, 328, 372, 384, 473, 490, 491, 492</del> ; 2) Social/Motivational PSYCH 230, 306, 307, 308, 309, 321, <del>324, 328, 350, 403, 466, 470</del> ; and 3) Clinical/ <del>Counseling</del> <u>Developmental</u> : PSYCH <del>110, 320, 324, 333, 342, 348, 361, 363, 440, 442, 444, 464, 468</del> . Additional approved courses include any PSYCH course not used to fulfill other PSYCH requirements. Note that many courses require prerequisites and not all courses are offered both Fall and Spring semester. Contact advisor for additional information.	
<sup>3</sup> The writing portfolio may be completed any time prior to the end of the junior year. Writing portfolio must be complete prior to enrolling in an [M] course.	
<sup>4</sup> CAPS courses in Psychology available via global PSYCH 401 and PSYCH 412. CAPS course from the major not required. CAPS requirement can also be completed the second term of the third academic year.	

<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. Students from other campuses may work with a V&amp;E advisor, and begin taking courses but acceptance to WSU Tri-Cities is required before admission to the major is granted.</p> <p><b>First Year</b></p> <p><i>First Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>CHEM 101 [PSCI] or 105 [PSCI] <span style="float: right;">4</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 103 or 106<sup>1</sup> <span style="float: right;">3</span></p> <p>VIT ENOL 113 <span style="float: right;">3</span></p> <p><i>Second Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>Arts [ARTS] <span style="float: right;">3</span></p> <p>CHEM 102 or 106 <span style="float: right;">4</span></p> <p>ENGLISH 101 [WRTG] <span style="float: right;">3</span></p> <p>SOIL SCI 201 <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>BIOLOGY 106 [BSCI] or BIOLOGY 120 [BSCI] <span style="float: right;">4</span></p> <p>CHEM 345 <span style="float: right;">4</span></p> <p>Communication [COMM] or Written Communication [WRTG]<sup>2</sup> <span style="float: right;">3 or 4</span></p> <p>Specialization Elective<sup>3</sup> <span style="float: right;">3</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>MBIOS 101 or 305 <span style="float: right;">3 or 4</span></p> <p>STAT 212 [QUAN] <span style="float: right;">4</span></p> <p>VIT ENOL 280 <span style="float: right;">4</span></p> <p>Complete Writing Portfolio</p> <p><i>Third Term</i> <span style="float: right;"><i>Credits</i></span></p> <p>VIT ENOL 498<sup>4</sup> <span style="float: right;">2</span></p> <p><b>Third Year</b></p>	<p><b>8-24</b></p>
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<b><i>First Term</i></b>	<b><i>Credits</i></b>
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>4</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>4</del>
VIT ENOL 490	1
VIT ENOL 494 [CAPS] [M]	3
Specialization Electives <sup>3</sup>	3

## Footnotes

<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.