

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 5**  
**Fall 2018**

**--REQUIREMENTS--**

**Faculty Senate approved November 15, 2018**

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. The text under the heading titled *Proposed* will show strikethroughs for deletions, and underlines for additions, as needed. Note: Items marked {S} have been streamlined and do not require Catalog Subcommittee review.

<b>Dept</b>	<b>Proposed</b>	<b>Effective Date</b>
<b>Engineering and Computer Science</b> Revise graduation requirements for Bachelor of Science in Computer Science, Vancouver only.	<p><b>Bachelor of Science in Computer Science (Vancouver Only)</b>  <b>(120 Hours)</b></p> <p><b>Third Year</b></p> <p><i>First Term</i> <span style="float:right"><i>Hours</i></span></p> <p>CS 317 <span style="float:right">3</span></p> <p>CS 320 [M] <span style="float:right">3</span></p> <p>CS Option Course<sup>1</sup> <span style="float:right">3</span></p> <p>ENGLISH 402 [WRTG] <span style="float:right">3</span></p> <p>STAT 360 <span style="float:right">3</span></p> <p><i>Second Term</i> <span style="float:right"><i>Hours</i></span></p> <p>CS 351 <span style="float:right">3</span></p> <p>CS 355 <span style="float:right">3</span></p> <p>CS 360 <span style="float:right">4</span></p> <p>CS Option Course<sup>1</sup> <span style="float:right">3</span></p> <p>Diversity [DIVR] <span style="float:right">3</span></p> <p><b>Fourth Year</b></p> <p><i>First Term</i> <span style="float:right"><i>Hours</i></span></p> <p>Creative &amp; Professional Arts [ARTS] <span style="float:right">3</span></p> <p>CS 420 [CAPS] [M] <span style="float:right">3</span></p> <p>CS 450 <span style="float:right">3</span></p> <p>CS Option Courses<sup>1</sup> <span style="float:right">6</span></p> <p><i>Second Term</i> <span style="float:right"><i>Hours</i></span></p> <p>CS 402 [M] <span style="float:right">3</span></p> <p>CS 421 <span style="float:right">3</span></p> <p><u>CS 427</u> <span style="float:right"><u>3</u></span></p> <p>CS 460 <span style="float:right">3</span></p> <p>CS Option Courses<sup>1</sup> <span style="float:right"><u>6</u></span></p>	<p align="center"><b>8-19</b></p>

	<p><b>Footnotes</b></p> <p><sup>1</sup> CS Option Courses: <del>18</del> <u>15</u> credit hours of option area courses are required for completion of the degree program. The option courses must be chosen from 300-400-level CS courses and may also include up to 6 hours from the following list: MATH 315, <del>320, 325, 364, 420,</del> 448, 453, <del>466,</del> ECE 324, 366, and 424. Other computer science-related courses may be substituted, as approved by the department.</p>	
<p><b>Psychology</b> Revise requirements for the minor in Addiction Studies</p>	<p><b>Addiction Studies (Vancouver only)</b></p> <p>A minor in addiction studies requires <del>17– 19 or 22 hours depending on the track credits. The three tracks are:</del> Track 1 (professional certification, <del>22 credits</del>): <del>comprising</del> <u>comprises</u> coursework primarily in the Department of Psychology and is aimed at preparing students for certification as chemical dependency professionals (CDP) in Washington State. Track 2 (<del>non-certification</del> <u>addictions research, 19 credits</u>): <u>is geared toward students preparing for graduate study in research careers in clinical and health psychology, as well as public policy emphasizing the study of addictive behaviors.</u> <del>comprising</del> <u>coursework primarily in the departments of sociology and criminal justice, aimed at students preparing for careers in public policy, law enforcement, social work, and related fields, who wish to obtain additional training in the political, social, and cultural components of addictive behaviors (but who do not wish to be certified as chemical dependency professionals in Washington State).</u> Track 3 (<del>interdisciplinary</del>): <del>integrating psychological, behavioral, sociological, and criminal justices issues into models of addiction intervention and prevention.</del> Credit hours for the minor must include 9 hours of upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.</p> <p><b><u>Track 1:</u></b></p> <p><u>This track comprises coursework based primarily in the Department of Psychology. It aims to prepare students for certification as chemical dependency professionals (CDP) in Washington State. The minor provides theoretical and practical training in the diagnosis and treatment of addictive behaviors. It is important to note that courses in Track 1, taken by themselves, address only a subset of these competencies. To obtain certification requires additional coursework and relevant practicum experience.</u></p> <p><u>Track 1 requires a minimum of 22 semester credits, which must include the following:</u></p> <p><b><u>Required Courses (16 credits):</u></b></p> <ul style="list-style-type: none"> <li>• <u>PSYCH 110</u></li> <li>• <u>PSYCH 265</u></li> <li>• <u>PSYCH 333</u></li> <li>• <u>PSYCH 342</u></li> </ul>	<p><b>8-19</b></p>

	<ul style="list-style-type: none"> <li>• <u>PSYCH 442</u></li> </ul> <p><b><u>Elective Courses (choose two of the following; six credits):</u></b></p> <ul style="list-style-type: none"> <li>• <u>PSYCH 301</u></li> <li>• <u>PSYCH 320</u></li> <li>• <u>PSYCH 440</u></li> <li>• <u>PSYCH 444</u></li> <li>• <u>PSYCH 468</u></li> <li>• <u>CRM J 428</u></li> <li>• <u>SOC 368</u></li> </ul> <p><b><u>Track 2:</u></b></p> <p><u>This track prepares students for graduate training in research careers emphasizing the empirical study of addictive behaviors (e.g., clinical and health psychology, public health and policy). To ensure completion, students must commit to this track no later than the beginning of their junior year (i.e., with 4 semesters remaining at WSUV). Track 2 culminates in an independent research project under the supervision of a Psychology faculty member.</u></p> <p><u>Track 2 requires a minimum of 19 semester credits, which must include the following:</u></p> <p><b><u>Required Courses (16 credits)</u></b></p> <ul style="list-style-type: none"> <li>• <u>PSYCH 265</u></li> <li>• <u>PSYCH 312</u></li> <li>• <u>PSYCH 333</u></li> <li>• <u>PSYCH 498</u> <ul style="list-style-type: none"> <li>○ <u>Must work in at least one research lab for a minimum of 2 semesters.</u></li> </ul> </li> <li>• <u>PSYCH 499 (2 credits min.)</u> <ul style="list-style-type: none"> <li>○ <u>Student will produce a final independent product (e.g., grant application, review paper, research project) related to addiction or related topics. Student must identify a mentor willing to work with them no later than the end of their junior year.</u></li> </ul> </li> </ul> <p><b><u>Electives (3 credits)</u></b></p> <ul style="list-style-type: none"> <li>• <u>PSYCH 301</u></li> <li>• <u>PSYCH 342</u></li> <li>• <u>PSYCH 468</u></li> <li>• <u>CRM J 428</u></li> <li>• <u>SOC 368</u></li> </ul>	
<p><b>Teaching and Learning</b> Revise graduation requirements for</p>	<p><b>Elementary Education Teacher Certificate (128 Hours)</b></p>	<p><b>8-19</b></p>

Bachelor of Arts in Education - Elementary Education	<b>First Year</b>	
	<i>First Term</i>	<i>Hours</i>
	ENGLISH 101 [WRTG]	3
	H D 101 [SSCI]	3
	MATH 251	3
	MUS 153 [ARTS] or Creative & Professional Arts [ARTS]	3
	<del>SCIENCE 101 [SCI]</del>	<del>4</del>
	<u>Science Requirement<sup>1</sup></u>	<u>4</u>
	<i>Second Term</i>	<i>Hours</i>
	Endorsement Course <sup>+2</sup>	3
	HISTORY 105 [ROOT]	3
	HISTORY 110 [HUM] or 111 [HUM]	3
	MATH 252 [QUAN]	3
	<del>SCIENCE 102 [SCI]</del>	<del>4</del>
	<u>Science Requirement<sup>1</sup></u>	<u>4</u>
	<b>Second Year</b>	
	<i>First Term</i>	<i>Hours</i>
	Endorsement Course <sup>+2</sup>	3
	ENGLISH 201 [WRTG]	3
	<del>GEOLOGY 101</del>	<del>4</del>
	POL S 101 [SSCI] or ECONS 102 [SSCI]	3
	TCH LRN 301	3
	<u>Science Requirement<sup>1</sup></u>	<u>4</u>
	Complete WEST-B (if minimum required scores on SAT or ACT are not met)	
	<i>Second Term</i>	<i>Hours</i>
	<del>BIOLOGY 102 or 106</del>	<del>4</del>
	Endorsement Courses <sup>+2</sup>	6
	HISTORY 120 [DIVR]	3
	TCH LRN 307	3
	<u>Science Requirement<sup>1</sup></u>	<u>4</u>
	Certify in Major	
	Complete Writing Portfolio	
	<b>Third Year</b>	
<i>First Term</i>	<i>Hours</i>	
ED PSYCH 401	3	
TCH LRN 320 or 321	3	
TCH LRN 352	3	
TCH LRN 402	1	
TCH LRN 445	2	

TCH LRN 483 <sup>23</sup>	3
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
Endorsement Course <sup>12</sup>	3
TCH LRN 306 [M] or 322 [M]	3
TCH LRN 310 [M]	2
TCH LRN 371	3
TCH LRN 390	3
TCH LRN 405	1
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
Endorsement Course <sup>12</sup>	3
SPEC ED 420	3
TCH LRN 330	3
TCH LRN 385	3
TCH LRN 413	3
TCH LRN 490 [CAPS]	3
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
TCH LRN 415	16

#### Footnotes

<sup>1</sup> Science Requirement – choose one of two options: Option 1) SCIENCE 101 [SCI] and 102 [SCI], plus two from: ASTRONOM 135, BIOLOGY 102 or 106, CHEM 101, PHYSICS 101, SOE 101, or SOE 110; Option 2) SOE 101 [PSCI] and BIOLOGY 102 [BSCI] or 106 [BSCI], plus two from: ASTRONOM 135, CHEM 101, PHYSICS 101, SCIENCE 101, SCIENCE 102, or SOE 110.

<sup>12</sup> Endorsement Courses: Students seeking a BA in Elementary Education must complete at least 20 credit hours in an endorsable area. Some required coursework may be applied to the endorsement area. See Specific Subject area requirements.

<sup>23</sup> TCH LRN 483 must be completed prior to the Fourth Year.