

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 5**  
**Fall 2015**

**\*--REQUIREMENTS—\***

**Faculty Senate Approved February 11, 2016**

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.

<b>Dept</b>	<b>Proposed</b>	<b>Effective Date</b>
<p><b>Design and Construction</b>                      Revise graduation requirements in Bachelor of Landscape Architecture</p>	<p><b>Landscape Architecture (120 Hours)</b></p> <p>Accredited by the Landscape Architectural Accreditation Board (LAAB), the Bachelor of Landscape Architecture (BLA) is a professional degree program that provides students with the common body of knowledge related to landscape architecture. The Landscape Architecture Program is based on a concern for human beings and the environment. The program teaches students to create outdoor spaces that support human activities and that positively affect the environment.</p> <p>The BLA curriculum is structured to create unique learning experiences each semester. Broadly speaking, the curriculum emphasizes practical and applied experiential learning, draws from courses across campus, and provides students with opportunities to think critically and integrate diverse bodies of knowledge.</p> <p>The professional course of study is divided into two segments: pre-landscape architecture and the second – fourth year professional landscape architecture program (BLA). Completion of the program leads to the degree of Bachelor of Landscape Architecture and allows the graduate to enter the profession. At least three additional years of professional experience and successful completion of the landscape architectural license examination are necessary for registration as a licensed landscape architect in most states.</p> <p>Pre-landscape architecture (pre-LA) is a one-year, non-degree course of study that is intended to prepare undergraduate students for the advanced professional curriculum. The pre-LA curriculum concentrates on University Common Requirements (UCORE) and basic professional courses. UCORE courses should be selected with the assistance of a landscape architecture advisor. Transfer students who have not completed the equivalent of the pre-LA course work will be accepted directly into pre-LA.</p> <p><b>Certification Requirements</b></p>	<p><b>8-16</b></p>

Students must submit a certification application in the spring semester of their first year. Application forms and instructions are available in the School of Design and Construction main office and on the web site: <http://sdc.wsu.edu>. Due to limitations of space, faculty, and budget, admission is limited and based on academic performance.

Certification requirements include completion of at least 24 semester hours and the pre-LA curriculum. The following three courses (or approved equivalents) must be completed with a grade of C or better: SDC 100, SDC 120 and SDC 140. Additional required courses are HISTORY 105, ENGLISH 101, MATH 105 (or higher), COM 102 or H D 205, and one fine arts course (FINE ART 101, 201 or 202). A minimum 2.5 WSU cumulative GPA is required to apply for certification. Students' overall WSU GPA and major specific GPA from the courses listed above are considered in the application process.

**Professional Program Requirements (BLA)**

Students must earn a C or better grade in all courses required for the landscape architecture professional program. To graduate, at the end of their program of study, all students must submit a digital portfolio of creative works and present their portfolio at an off-campus, program-organized review. ~~Second and fourth year students will be required to participate in an off-campus study tour during the fall semester.~~ Students will be required to participate in two off-campus study tours, designated by the program, one in the fall semester of the second year, and one in the spring semester of the fourth year.

Transfer students who have completed the equivalent of the pre-LA curriculum may apply to the professional program by submitting a portfolio and academic transcripts for consideration. Contact the landscape architecture program for portfolio requirements.

All students admitted into the second year will be required to purchase a laptop computer. Details and specifications can be found on the school website: <http://sdc.wsu.edu>.

**First Year**

<i>First Term</i>	<i>Hours</i>
BIOLOGY 120 [BSCI] <sup>1</sup>	4
HISTORY 105 [ROOT]	3
<u>MATH 105 or higher [QUAN]</u>	<u>3</u>
{QUAN} Course	3
SDC 100	3
SDC 120	3
<i>Second Term</i>	<i>Hours</i>

COM 102 [COMM] or H D 205 [COMM]	3
Creative & Professional Arts [ARTS] <sup>2</sup>	3
ENGLISH 101 [WRTG]	3
GEOLOGY 101 [PSCI]	4
SDC 140	3
Apply for Certification	
<b>Second Year</b>	
<i>First Term</i>	<i>Hours</i>
<del>HORT 231</del>	<del>3</del>
<u>HORT 330</u>	<u>3</u>
LND ARCH 102	3
LND ARCH 222	1
LND ARCH 262	3
SDC 250	3
Social Sciences [SSCI]	3
<i>Second Term</i>	<i>Hours</i>
<del>HORT 232</del>	<del>3</del>
<u>Humanities [HUM]</u>	<u>3</u>
LND ARCH 263	3
LND ARCH 365	4
SDC 350 [M]	3
SOIL SCI 201	3
Complete Writing Portfolio	
<b>Third Year</b>	
<i>First Term</i>	<i>Hours</i>
LND ARCH 327	3
LND ARCH 362	4
LND ARCH 366	4
LND ARCH 467	4
LND ARCH 499	1
<i>Second Term</i>	<i>Hours</i>
<u>Diversity [DIVR]</u>	<u>3</u>
HORT 331	3
<del>Humanities [HUM]</del>	<del>3</del>
LND ARCH 363	4
LND ARCH 367	3
LND ARCH 380 <sup>3</sup>	3
<b>Fourth Year</b>	
<i>First Term</i>	<i>Hours</i>

	<p>LND ARCH 450 [M] 3</p> <p>LND ARCH 470 4</p> <p>SDC 444 1</p> <p>Electives 48</p> <p><b>Second Term</b> <b>Hours</b></p> <p>Diversity [DVR] 3</p> <p>Integrative Capstone [CAPS] 3</p> <p>LND ARCH 450 [M] 3</p> <p>LND ARCH 480 2</p> <p>LND ARCH 485 [M] [CAPS] 4</p> <p>Electives 3</p> <p>Complete Digital Portfolio</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> If BIOLOGY 120 is not taken in Fall, BIOLOGY 106 can be substituted in the Spring.</p> <p><sup>2</sup> Choose one: FINE ART 101, 201 or 202.</p> <p><sup>3</sup> If LND ARCH 380 is not available, may use BIOLOGY 372, 462, NATRS 300, 454, or 464.</p>	
<p><b>Economic Sciences</b> Revise footnote three for Bachelor of Science in Economic Sciences – Financial Markets</p>	<p><b>Financial Markets (120 Hours)</b></p> <p><b>Footnotes</b></p> <p><sup>3</sup> Financial Markets option (6 credits): <del>Any ECONS 400 level.</del> <u>Approved courses include ECONS 424, FIN 350, 456, STAT/MATH 360; and/or consult with advisor and one 400-level ECONS course not used to fulfill major requirements.</u></p>	<p><b>5-16</b></p>
<p><b>Electrical Engineering and Computer Science</b> Revise graduation requirements for Bachelor of Science in Computer Science</p>	<p><b>Bachelor of Science, Computer Science (120 Hours)</b></p> <p>Students may apply for certification into the Bachelor of Science in Computer Science degree program after completion of the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher: CPT S 121, <del>and 122,</del> <u>or 131 and 132</u>; MATH 171, 172, 216; PHIL 201; PHYSICS 201.</p> <p>No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better. <u>Consult with advisor at campus of residence for alternative course sequences.</u></p> <p><b>First Year</b></p> <p><b>First Term</b> <b>Hours</b></p> <p>CPT S 121 <u>or 131</u><sup>1</sup> 4</p> <p>ENGLISH 101 [WRTG] 3</p> <p>MATH 171 [QUAN] 4</p> <p>PHIL 201 3</p>	<p><b>8-16</b></p>

<b><i>Second Term</i></b>	<b><i>Hours</i></b>
CPT S 122 <u>or</u> 132 <sup>1</sup>	4
HISTORY 105 [ROOT]	3
MATH 172	4
MATH 216	3
<b>Second Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
CPT S 223 <u>or</u> 233 <sup>1</sup>	3
CPT S 260	3
MATH 220	2
MATH 273 <u>or</u> 301	2 <u>or</u> 3
PHYSICS 201 [PSCI]	4
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
CPT S 355	3
Creative & Professional Arts [ARTS]	3
Humanities [HUM]	3
PHYSICS 202	4
Social Sciences [SSCI] <sup>42</sup>	3
Complete Writing Portfolio	
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
CPT S 317	3
CPT S 322 [M]	3
CPT S 360 <u>or</u> 370 <sup>1</sup>	4
ENGLISH 402 [WRTG] [M]	3
STAT 360	3
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
CPT S 302	3
CPT S 350	3
CPT S Track Elective <sup>23</sup>	6
Diversity [DIVR]	3
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
Biological Sciences with Lab [BSCI]	4
CPT S 421	3
CPT S Free Electives <sup>34</sup>	6
CPT S Track Elective <sup>23</sup>	3
<b><i>Second Term</i></b>	<b><i>Hours</i></b>

	<p>CPT S 423 [CAPS] 3  CPT S Free Electives<sup>34</sup> 6  CPT S Track Electives<sup>23</sup> 6  Complete CPT S Exit Interview and Survey</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> <u>Students may choose between a c/C++ (CPT S 121, 122, 223, 360) path or a Java programming (CPT S 131,132, 233, 370) path. Students should remain in one path option. The Java track is not available in Tri Cities.</u></p> <p><sup>2+</sup> ECONS 101 or 102 recommended.</p> <p><sup>32</sup> Tracks consist of five courses (15 credits): General Track: Required: CPT S 323 and 460; at least one course from CPT S 440, 443, and 471; at least two courses from CPT S 427, 451, 452, and 455. Software Engineering Track: Required: CPT S 323 and 422; at least three courses from CPT S 427, 443, 451, 452, 460, 481, and 483 (with departmental approval). Systems and Networking Track: Required: CPT S 455 and 460; at least three courses from CPT S 427, 452, 453, 464, 466, 483 (with departmental approval), and E E 324.</p> <p><sup>43</sup> Four additional courses (12 credits) of 300- or 400-level courses in CPT S and E E courses not used as Track Electives; CE 463; E M 464; MATH 401, 420, 421; MBIOS 478; MSE 302; PHYSICS 303, and 443.</p>																					
<p><b>Electrical Engineering and Computer Science</b>  Revise graduation requirements for Bachelor of Science in Computer Engineering</p>	<p><b>Computer Engineering (123 Hours)</b></p> <p>Students may apply for certification into the Bachelor of Science in Computer Engineering degree program after completion of the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher: CPT S 121<u>or</u> 131; E E 214; MATH 171, 172, 216, 220, 273; PHYSICS 201.</p> <p>No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.</p> <p><b>First Year</b></p> <table border="0"> <tr> <td><i>First Term</i></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>CHEM 105 [PSCI]</td> <td style="text-align: right;">4</td> </tr> <tr> <td>CPT S 121<u>or</u> 131<sup>1</sup></td> <td style="text-align: right;">4</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MATH 171 [QUAN]</td> <td style="text-align: right;">4</td> </tr> <tr> <td><i>Second Term</i></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>CPT S 122 <u>or</u> 132<sup>1</sup></td> <td style="text-align: right;">4</td> </tr> <tr> <td>MATH 172</td> <td style="text-align: right;">4</td> </tr> <tr> <td>MATH 216</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PHYSICS 201</td> <td style="text-align: right;">4</td> </tr> </table>	<i>First Term</i>	<i>Hours</i>	CHEM 105 [PSCI]	4	CPT S 121 <u>or</u> 131 <sup>1</sup>	4	ENGLISH 101 [WRTG]	3	MATH 171 [QUAN]	4	<i>Second Term</i>	<i>Hours</i>	CPT S 122 <u>or</u> 132 <sup>1</sup>	4	MATH 172	4	MATH 216	3	PHYSICS 201	4	<p><b>8-16</b></p>
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<b>Second Year</b>		
<i>First Term</i>	<i>Hours</i>	
CPT S 223 <u>or</u> 233 <sup>1</sup>	3	
E E 214	4	
MATH 220	2	
MATH 273	2	
PHYSICS 202	4	
<i>Second Term</i>	<i>Hours</i>	
Creative & Professional Arts [ARTS]	3	
E E 234	4	
E E 261	3	
E E 262	1	
HISTORY 105 [ROOT]	3	
MATH 315	3	
Complete Writing Portfolio		
<b>Third Year</b>		
<i>First Term</i>	<i>Hours</i>	
E E 311	3	
E E 321	3	
E E 324 [M]	4	
E E 352 [M]	3	
ENGLISH 402 [WRTG]	3	
<i>Second Term</i>	<i>Hours</i>	
Biological Sciences [BSCI]	3 or 4	
CPT S 360 <u>or</u> 370 <sup>1</sup>	4	
E E 334	3	
Engineering Science Elective <sup>42</sup>	3	
STAT 360	3	
<b>Fourth Year</b>		
<i>First Term</i>	<i>Hours</i>	
<del>Approved</del> CPT E Technical Electives <sup>23</sup>	3	
E E 415	2	
ECONS 101 [SSCI] or 102 [SSCI]	3	
Humanities [HUM]	3	
Senior Design Elective I <sup>34</sup>	3	
<i>Second Term</i>	<i>Hours</i>	
<del>Approved</del> CPT E Technical Electives <sup>23</sup>	6	
Diversity [DIVR]	3	
E E 302	3	

	<p>E E 416 [CAPS] [M] <span style="float: right;">3</span></p> <p>Complete CPT E Exit Interview and Survey</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> <u>Students may choose between a c/C++ (CPT S 121, 122, 223, 360) path or a Java programming (CPT S 131, 132, 233, 370) path. Students should remain in one path option. The Java track is not available in Tri Cities.</u></p> <p><sup>2</sup> Choose from E E 331, 341, ME 301, or MSE 302. (Note: If either E E 331 or E E 341 is taken as an engineering science elective, it cannot also count as a technical elective.)</p> <p><sup>3</sup> Technical electives must all be 300 or 400 level courses and must be chosen with an advisor's approval. Any of the following courses may be chosen to fulfill technical elective requirements: CPT S 317, 322, <u>350</u>, 355, 422, 423, 430, 440, 442, 443, <del>450</del>, 451, 452, 455, 460, 466; E E 331, 341, 351, 431, 432, 434, 451, 464, 466, 470, 476, 489, 496; One only of MATH 325, 340, 364, 415, 421, 440, 441, 448, 453, 464, 466.</p> <p><sup>4</sup> Senior Design Electives adhere to one of the following sequences: (1) ASIC &amp; Digital Systems: E E 416 and 434; (2) Embedded and Microcomputer Systems: CPT S 466 and E E 416; (3) VLSI Design: E E 466 and 416.</p>																															
<p><b>Electrical Engineering and Computer Science</b> Revise graduation requirements for Bachelor of Science in Electrical Engineering</p>	<p><b>Electrical Engineering (123 Hours)</b></p> <p>Students may apply for certification into the Bachelor of Science in Electrical Engineering degree program after completion of the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher: CPT S 121 <u>or 131</u>; E E 214; MATH 171, 172, 220, 273; PHYSICS 201.</p> <p>No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.</p> <p><b>First Year</b></p> <table border="0" style="width: 100%;"> <tr> <td><i>First Term</i></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>CHEM 105 [PSCI]</td> <td style="text-align: right;">4</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>ENGR 120</td> <td style="text-align: right;">2</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MATH 171 [QUAN]</td> <td style="text-align: right;">4</td> </tr> <tr> <td><i>Second Term</i></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>CPT S 121 <u>or 131</u></td> <td style="text-align: right;">4</td> </tr> <tr> <td>MATH 172</td> <td style="text-align: right;">4</td> </tr> <tr> <td>MATH 220</td> <td style="text-align: right;">2</td> </tr> <tr> <td>PHYSICS 201</td> <td style="text-align: right;">4</td> </tr> <tr> <td><b>Second Year</b></td> <td></td> </tr> <tr> <td><i>First Term</i></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>CPT S 122 <u>or 132</u></td> <td style="text-align: right;">4</td> </tr> <tr> <td>E E 214</td> <td style="text-align: right;">4</td> </tr> </table>	<i>First Term</i>	<i>Hours</i>	CHEM 105 [PSCI]	4	ENGLISH 101 [WRTG]	3	ENGR 120	2	HISTORY 105 [ROOT]	3	MATH 171 [QUAN]	4	<i>Second Term</i>	<i>Hours</i>	CPT S 121 <u>or 131</u>	4	MATH 172	4	MATH 220	2	PHYSICS 201	4	<b>Second Year</b>		<i>First Term</i>	<i>Hours</i>	CPT S 122 <u>or 132</u>	4	E E 214	4	<p><b>8-16</b></p>
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MATH 273	2
PHYSICS 202	4
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
Creative & Professional Arts [ARTS]	3
E E 234	4
E E 261	3
E E 262	1
ECONS 101 [SSCI] or 102 [SSCI]	3
MATH 315	3
Complete Writing Portfolio	
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
E E 311	3
E E 321	3
E E 331	3
E E 352 [M]	3
Engineering Science Elective I <sup>1</sup>	3
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
<u>E E 302</u>	<u>3</u>
E E 341	3
E E 361	3
<del>Engineering Science II<sup>1</sup></del>	<del>3</del>
MATH 360	3
Track Elective <sup>2,3</sup>	3
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
<del>Biological Sciences [BSCI]</del>	<del>3 or 4</del>
Diversity [DIVR]	3
E E 415	2
ENGLISH 402 [WRTG]	3
<u>Engineering Science Elective<sup>1</sup></u>	3
Track Electives <sup>2,3</sup>	6
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
<u>Biological Sciences [BSCI]</u>	<u>3 or 4</u>
300-400-level Track Electives <sup>2,3</sup>	6
<del>CPT S 302</del>	<del>3</del>
E E 416 [CAPS] [M]	3
Humanities [HUM]	3
Complete E E Exit Interview and Survey	

	<p><b>Footnotes</b></p> <p><sup>1</sup> <u>Engineering Science Electives (6 credits):</u> Choose from CE 211, ME 212, <del>ME</del> 301, or MSE 302.</p> <p><sup>2</sup> Students follow one of five tracks for an emphasis in their degree program: Power track: required: E E 362 [M], 491; <del>and</del> at least <del>6 hours</del> <u>credits</u> from E E 486, 489, 492, 493, 494; <u>and three credits from list of approved technical electives</u>; Microelectronics track: required: E E 351, <del>431</del> 476, 496, at least <del>two one of the following from</del> E E <del>431</del>, 464, 489, 495; Systems track: required: E E 464, 489, at least one from E E 432, 451, and two from E E 351, 431, 432, 451, 470, <del>495</del>; General track: at least one from E E 324 [M], 351, 362 [M], 489, and <u>twelve credits from list of approved technical electives with a minimum of nine credits 400-level E E courses one from E E 432, 451, 491, 496</u>; or Computer Engineering track: required: E E 434, 466, at least one from E E 324 [M], 334, CPT S 360, <u>and six credits from list of approved technical electives with a minimum of three credits 400-level E E courses</u>.</p> <p><sup>3</sup> <del>Additional Approved</del> Technical Electives <del>required</del> for Power Track (3 credits); General Track (<del>9-12</del> credits - minimum 9 credits 400-level E E courses); and Computer Engineering Track (6 credits - minimum 3 credits 400-level E E courses)— include: ASTRONOM 435; CE 463; CHEM 331, 333, 345; MATH 320 [M], 325, 340, 364, 401 [M], 402 [M], 415, 420, 421 [M], 440, 441, 448, 453, 464, 466; ME 401, 404; MSE 402, 403; PHYSICS 303, 304, 320, 443, 450, and 463; or any 300-400-level CPT S or E E course not used to fulfill other requirements.</p>	
<p><b>General Studies – Liberal Arts</b> Revise Global Studies Minor.</p>	<p><b>Global Studies</b></p> <p>I. Webber, (Faculty Coordinator) and L. Heustis (Advisor) <a href="http://libarts.wsu.edu/genstudies/">http://libarts.wsu.edu/genstudies/</a> 509-335-0397</p> <p>Global studies examine economic, political, social, cultural, and scientific practices in a transnational and cross-cultural perspective. The Global Studies minor is designed to provide students with an integrated exposure to globally related scholarship across the disciplines, and encourages a student in any major discipline to think in terms of the globalization that marks the contemporary world. The program of study is designed to provide an exciting interdisciplinary global perspective on the arts, humanities, social sciences, and sciences. The minor is flexible and complements majors from across the University, affording students the opportunity to reach beyond their majors, or to take courses related to their majors outside of the context of the United States.</p> <p>To certify towards the minor, students must have completed at least 60 credits hours with a 2.0 GPA or above. To earn the minor, students must complete a minimum of 18-19 credit hours: 1 core course in each student learning outcome category (12-13 credits), and 2 course electives (6 credits) in any of the thematic categories listed in the program of studies, but targeting two different learning outcomes. At least 9 credits of approved coursework must be taken at the 300-400 level, and no courses taken Pass/Fail will count towards the 18-19 credit requirement. Six hours of approved transfer work may be counted towards the minor; the remaining 12-13 hours must be taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. No more than two courses with the</p>	<p><b>8-16</b></p>

	<p>same subject (or content, as in cross-listed courses) can be applied to the minor. Some courses may be substituted with the approval of the Global Studies Minor advisor. Additional courses may be included within the minor as developed in the university curriculum.</p> <p><b>Student Learning Outcomes:</b> The minor gives students a competitive edge in the global job market. Students earning the minor will be prepared to 1) understand connections that can be made from historical, cultural, economic, and political contexts that shape society and reflect global systems; 2) demonstrate knowledge of and be sensitive to others' differing identities and values across cultures; 3) apply intercultural communication skills to interact effectively with individuals and in groups; and 4) interact respectfully and responsibly across boundaries in diverse environments.</p> <p><b>Program of Studies:</b></p> <p><b>Core Courses:</b> Choose one from ANTH 203, CES 244, ECONS 101, 198, POL S 103, or SOC 415. Choose one from ANTH 316, FINE ART 202, or POL S 428. Choose one from: COM 105, COMSOC 321, or FOR LANG 120. PLUS, complete one semester of foreign language study at WSU beyond the WSU admissions requirement. Foreign language courses taken at WSU to fulfill the admissions requirement are not eligible to be applied to the minor.</p> <p><b>Electives:</b> Six credits Required. Choose two courses targeting two different learning outcomes (SLOs):</p> <p><b>SLO 1</b> Connections among contexts: ANTH 260, CES 380, <del>CROPS</del> <u>CROP SCI 360</u>, <u>ENGLISH 373</u>, FINE ART 301, GEOLOGY 390, HISTORY 494 or 495 or approved upper-level World History course, HONORS 370, 380, 390, I BUS 380 or 470, POL S 429, SOC 334 or 430.</p> <p><b>SLO 2</b> Knowledge about identities and values: ANTH 301 or 404, BIOLOGY 407, ENTOM 150, ENVR SCI 101, FOR LANG 110, <u>HUMANITY 350</u>, MUS 163 or 265, or POL S 435.</p> <p><b>SLO 3</b> Communication skills: Additional semester of same <del>FL</del> <u>foreign language</u> as used for the Core requirement or additional <del>FL</del> <u>foreign language</u> course taught in the foreign language at WSU.</p> <p><b>SLO 4</b> Respectful interaction: BIOLOGY 110, NATRS 312, ANTH 418, COMSOC 421, or <u>HISTORY 491</u>.</p>	
<p><b>Human Development</b> Revise graduation requirements for Bachelor of Arts in Human Development – General Option for both Pullman and Vancouver</p>	<p><b>Human Development - General Option (120 Hours)</b></p> <p>The Bachelor of Arts degree in Human Development requires a cumulative GPA of <u>2.6</u> or better <del>and a C minimum grade</del> in all H D courses, including substitutions. Of the <del>42-44</del> <u>H D</u> hours required for the major, a minimum of 21 must be taken in residence at WSU.</p> <p><b>First Year</b> <i>First Term</i></p> <p style="text-align: right;"><i>Hours</i></p>	<p><b>8-16</b></p>

<u>Creative and Professional Arts [ARTS]</u>	<u>3</u>
<del>Biological Sciences [BSCI] or SCIENCE 101 [SCI]</del> (BIOLOGY 140 strongly recommended) <sup>†</sup>	<del>3 or 4</del>
<del>ENGLISH 101</del> <u>Written Communication [WRTG]</u>	<u>3</u>
<del>HD 201</del>	<del>3</del>
<u>H D 101 [SSCI]</u>	<u>3</u>
<del>Social Sciences [SSCI]</del> <sup>2</sup>	<del>3</del>
<u>Natural Sciences [BSCI], [PSCI] or [SCI]</u> <sup>1</sup>	<u>3</u>
<u>Quantitative Reasoning [QUAN]</u>	<u>3</u>
<del>Electives</del>	<del>3</del>
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
<del>Communication [COMM] or Written Communication [WRTG]</del>	<del>3</del>
<del>H D 200</del>	<del>2</del>
<del>HD 202</del> <sup>3</sup>	<del>3</del>
<del>HD 204</del>	<del>3</del>
<del>HISTORY 105 [ROOT]</del>	<del>3</del>
<del>Natural Sciences [BSCI], [PSCI], or [SCI] (with lab)</del>	<del>4</del>
<del>Quantitative Reasoning [QUAN]</del>	<del>3 or 4</del>
<del>Minor, Certificate, and/or General Electives</del> <sup>2</sup>	<del>3</del>
<b><i>Second Year</i></b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
<del>Diversity [DIVR]</del>	<del>3</del>
<del>HD 203</del> <sup>4</sup>	<del>3</del>
<del>H D 204</del>	<del>3</del>
<del>H D 220</del>	<del>3</del>
<del>Humanities [HUM]</del>	<del>3</del>
<del>Minor, Certificate, and/or General Electives</del> <sup>52</sup>	<del>6</del>
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
<del>Creative &amp; Professional Arts [ARTS]</del>	<del>3</del>
<del>HD Elective</del>	<del>3</del>
<del>H D 306, 307, or 308</del>	<del>3</del>
<del>H D 320, 334, 341, 342, 430, 480, or 482</del>	<del>3-4</del>
<del>H D 350 [DIVR]</del>	<del>3</del>
<del>Minor, Certificate, and/or General Electives</del> <sup>52</sup>	<del>6</del>
<del>Physical Sciences [PSCI] with lab or SCIENCE 102 [SCI]</del> <sup>†</sup>	<del>4 or 3</del>
<del>Complete Writing Portfolio</del>	

<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
300-400 level H D Elective	3
H D 320 [M] or 420	3
<u>H D 300, 301, 302, or 360</u>	<u>3</u>
<u>H D 306, 307, 308</u>	<u>3</u>
<u>H D 310 [M]</u>	<u>3</u>
Minor, Certificate, or General Electives <sup>5,2</sup>	<u>36</u>
<del>300-400 level Electives</del>	<del>6</del>
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
300-400 level H D Elective	3
H D 320 [M] or 420	3
H D 403, 405, 406, or 479	3
Minor, Certificate, or General Electives <sup>5,2</sup>	<u>612</u>
<del>300-400 level Electives</del>	<del>3</del>
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
300-400 level H D Elective	3
H D 410 [M]	3
<u>HD 385 or 497<sup>3,4</sup></u>	<u>3</u>
<u>H D 496 or Elective<sup>3</sup></u>	<u>1</u>
Integrative Capstone [CAPS]	3
Minor, Certificate, or General Electives <sup>5</sup>	<u>38</u>
<del>300-400 level Electives</del>	<del>3</del>
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
300-400 level H D Elective	3
<u>H D 310 [M]<sup>3</sup></u>	<u>3</u>
<u>H D 410 [M]</u>	<u>3</u>
H D 446 or 498 <sup>6,7,5,6</sup>	<u>3-6</u>
<u>H D 497</u>	<u>2</u>
<u>Minor, Certificate, and/or General Electives<sup>2</sup></u>	<u>29</u>

### Footnotes

<sup>1</sup> For a total of 7 credits—one Biological Science [BSCI] and one Physical Science [PSCI] course, including one lab course, or 8 credits of [SCI] designated courses. (SCIENCE 101 [SCI] is offered Fall semester and is a prerequisite for SCIENCE 102 [SCI], which is offered Spring semester.)

<sup>2</sup> ~~PSYCH 105 [SSCI] or SOC 101 [SSCI] are strongly recommended.~~

	<p><sup>3</sup> <del>Courses are only offered during spring semester each year.</del></p> <p><sup>4</sup> <del>Courses are only offered Fall semester each year.</del></p> <p><sup>52</sup> Students strongly encouraged to pursue a minor or certificate. <u>Elective credits should include sufficient 300-400 level courses to meet University requirement of 40 upper division credits.</u></p> <p><sup>3</sup> <u>HD 385 and 496 are required for Vancouver students only and must be completed before H D 498 or 446.</u></p> <p><sup>4</sup> <u>H D 497 is required for Pullman students only and must be completed prior to H D 446 or 498.</u></p> <p><sup>65</sup> <u>All H D majors complete a practicum/internship experience. H D 446 is reserved for students completing the certificate in Early Childhood Education and requires a half-day each day, 5 days a week for a semester and can be put into the schedule any time after taking H D 342. All other H D majors complete H D 498.</u></p> <p><sup>76</sup> The internship course (H D 498) can be taken during the summer semester of the junior or senior year. H D 497 must be taken before H D 498 but no more than two semesters before taking the internship. <u>H D 385 and H D 496 must be taken before completion of H D 498 for Vancouver students. Vancouver students are required to take 3 credits of H D 498. Pullman and Global students must complete 4 credits of H D 498.</u></p>																																	
<p><b>Human Development</b> Revise graduation requirements for Bachelor of Arts in Human Development – Family and Consumer Sciences</p>	<p><b>Human Development - Family and Consumer Sciences Option(<del>42</del> <u>120</u> Hours)</b></p> <p>The Bachelor of Arts degree in Human Development requires a cumulative GPA of <del>2.5</del> <u>2.6</u> or better <del>and a C minimum grade</del> in all H D courses, including substitutions. Of the <del>42</del> <u>49</u> H D hours required for the major, a minimum of 21 must be taken in residence at WSU.</p> <p><del>At least 40 of the total hours required for this bachelor's degree must be in 300-400 level courses.</del></p> <p><b>First Year</b></p> <p><i>First Term</i></p> <table border="0"> <tr> <td>BIOLOGY 140 [BSCI]</td> <td style="text-align: right;">3</td> </tr> <tr> <td><u>Creative and Professional Arts [ARTS]</u></td> <td style="text-align: right;"><u>3</u></td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td style="text-align: right;">3</td> </tr> <tr> <td><del>H D 201</del></td> <td style="text-align: right;"><del>3</del></td> </tr> <tr> <td><u>H D 101 [SSCI]</u></td> <td style="text-align: right;"><u>3</u></td> </tr> <tr> <td><del>PSYCH 105 [SSCI]</del></td> <td style="text-align: right;"><del>3</del></td> </tr> <tr> <td>Quantitative Reasoning [QUAN]</td> <td style="text-align: right;">3 or 4</td> </tr> <tr> <td colspan="2"><i>Second Term</i></td> </tr> <tr> <td><del>Creative &amp; Professional Arts [ARTS]</del></td> <td style="text-align: right;"><del>3</del></td> </tr> <tr> <td>Diversity [DIVR]</td> <td style="text-align: right;">3</td> </tr> <tr> <td><del>H D 202</del></td> <td style="text-align: right;"><del>3</del></td> </tr> <tr> <td><del>H D 204</del></td> <td style="text-align: right;"><del>3</del></td> </tr> <tr> <td><u>ENGLISH 201 [WRTG]</u> <sup>1</sup></td> <td style="text-align: right;"><u>3</u></td> </tr> <tr> <td><u>H D 200</u></td> <td style="text-align: right;"><u>2</u></td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td style="text-align: right;">3</td> </tr> <tr> <td><u>Humanities [HUM]</u></td> <td style="text-align: right;"><u>3</u></td> </tr> </table>	BIOLOGY 140 [BSCI]	3	<u>Creative and Professional Arts [ARTS]</u>	<u>3</u>	ENGLISH 101 [WRTG]	3	<del>H D 201</del>	<del>3</del>	<u>H D 101 [SSCI]</u>	<u>3</u>	<del>PSYCH 105 [SSCI]</del>	<del>3</del>	Quantitative Reasoning [QUAN]	3 or 4	<i>Second Term</i>		<del>Creative &amp; Professional Arts [ARTS]</del>	<del>3</del>	Diversity [DIVR]	3	<del>H D 202</del>	<del>3</del>	<del>H D 204</del>	<del>3</del>	<u>ENGLISH 201 [WRTG]</u> <sup>1</sup>	<u>3</u>	<u>H D 200</u>	<u>2</u>	HISTORY 105 [ROOT]	3	<u>Humanities [HUM]</u>	<u>3</u>	<p><b>8-16</b></p>
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<u>Physical Science with lab [PSCI]</u>	<u>4</u>
<b>Second Year</b>	
<i>First Term</i>	<i>Hours</i>
AMDT Elective <sup>12</sup>	3
<del>ENGLISH 201 [WRTG], or Communication [COMM] or Written Communication [WRTG]</del>	<u>3</u>
<del>HD 203<sup>2</sup></del>	<u>3</u>
<u>H D 204</u>	<u>3</u>
<u>H D 220</u>	<u>3</u>
<u>H D 306</u>	<u>3</u>
<del>HBM 258</del>	3
<del>Humanities [HUM]</del>	3
<i>Second Term</i>	<i>Hours</i>
<u>HBM 258</u>	<u>3</u>
<u>H D 307</u>	<u>3</u>
<u>H D 310 [M]</u>	<u>3</u>
H D 302	3
<del>Physical Sciences [PSCI] with lab</del>	4
TCH LRN 301	3
<del>TCH LRN 317</del>	<u>2</u>
Complete Writing Portfolio	
<b>Third Year</b>	
<i>First Term</i>	<i>Hours</i>
<del>AG ED 440<sup>2</sup></del>	<u>2</u>
AMDT Elective <sup>12</sup>	3
H D 320 [M]	3
H D 350 [DIVR] <sup>2</sup>	3
H D 479 <sup>2</sup>	3
<u>TCH LRN 317</u>	<u>2</u>
<i>Second Term</i>	<i>Hours</i>
<del>H D 300, 301, or 408</del>	3
<del>H D 406</del>	3
<u>H D 410 [M]</u>	<u>3</u>
H D 480 <sup>3</sup>	3
<u>Integrative Capstone [CAPS]</u>	<u>3</u>
TCH LRN 464	3
TCH LRN 465	3

	<p>TCH LRN 466 2</p> <p><b>Fourth Year</b></p> <p><i>First Term</i> <span style="float: right;"><b>Hours</b></span></p> <p><u>AG ED 440</u> 2</p> <p>ED PSYCH 468 3</p> <p><u>H D 499</u> 3</p> <p><del>H D 410 [M]</del> 3</p> <p><del>Integrative Capstone [CAPS]</del> 3</p> <p>TCH LRN 467 [M] 3</p> <p>TCH LRN 469 2</p> <p>TCH LRN 470 3</p> <p><i>Second Term</i> <span style="float: right;"><b>Hours</b></span></p> <p>H D 407 8</p> <p>TCH LRN 415 8</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> <u>One from ENGLISH 201, 301, 302 [M] or 402 is required for admission to the Teacher Education Program. Students who take ENGLISH 302 will need to take an additional [WRTG] or [COMM] course.</u></p> <p><sup>2</sup> Select two from: AMDT 210, 211, or 417.</p> <p><sup>3</sup> <del>Courses are only offered Fall semester each year.</del></p> <p><sup>4</sup> <del>Courses are only offered Spring semester each year.</del></p>	
<p><b>Mechanical and Materials Engineering</b> Revise minor in Mechanical Engineering</p>	<p><b>Mechanical Engineering</b></p> <p>A minor in mechanical engineering requires 16 credits of 300-400-level ME courses, including two of the following four courses: ME 303, <del>304</del>, 348, <del>404</del>, 414. 9 hours of upper-division work must be taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.</p>	<p><b>8-15</b></p>
<p><b>Pharmacy</b> Revise graduation requirements for Doctor of Pharmacy Professional Curriculum</p>	<p><b>Professional Curriculum (134 Hours)</b></p> <p><b>First Year</b></p> <p>First Term <span style="float: right;">Hours</span></p> <p>PHARDSCI 502 4</p> <p>PHARDSCI 504 1</p> <p>PHARDSCI 508 3</p> <p>PHARDSCI 528 3</p> <p>PHARMACY 507 1</p> <p>PHARMACY 509 1</p>	<p><b>8-16</b></p>

PHARMACY 516	2
Second Term	Hours
PHARDSCI 510	2
PHARDSCI 512	4
PHARDSCI 518	2
PHARDSCI 519	1
PHARMACY 501	1
PHARMACY 513	1
PHARMACY 514	4
<del>PHARMACY 545</del>	3
Electives <sup>1</sup>	2
<b>Second Year</b>	
First Term	Hours
PHARDSCI 532	4
PHARMACY 530	2
PHARMACY 531	1
PHARMACY 533	3
PHARMACY 534	4
<u>PHARMACY 545</u>	<u>3</u>
PHARMACY 565	2
Electives <sup>1</sup>	2
Second Term	Hours
PHARDSCI 542	4
PHARMACY 541	1
PHARMACY 543	1
PHARMACY 544	4
PHARMACY 546	2
PHARMACY 558	2
PHARMACY 559	2
Electives <sup>1</sup>	2
<b>Third Year</b>	
First Term	Hours
PHARMACY 551	2
PHARMACY 553	3
PHARMACY 554	4
<u>PHARMACY 566</u>	<u>3</u>
PHARMACY 567	2
Electives <sup>1</sup>	<u>4</u>
Second Term	Hours
PHARMACY 555	4

	<p>PHARMACY 557 4  PHARMACY 561 2  PHARMACY 563 2  PHARMACY 564 3  <del>PHARMACY 566 3</del>  <u>Electives</u><sup>1</sup> 2</p> <p><b>Fourth Year</b></p> <p>First Term Hours  Advanced Pharmacy Practice Experiences (APPE)<sup>2</sup> 15</p> <p>Second Term Hours  Advanced Pharmacy Practice Experiences (APPE)<sup>2</sup> 15</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> Elective Courses: 10 credits of electives involving a minimum of 4 courses are required throughout the first three years of the curriculum. Select from: PHARMACY 499, <u>575</u> <del>576, 577, 578, 579,</del> <u>through 580, 588, 590, 591, 594, 596, 598, 599</u> or any other College approved electives.</p> <p><sup>2</sup> Advanced Pharmacy Practice Experiences (APPE) courses are: PHARMACY 581, 582, 583, 584, 585, 586, 587, 589.</p>	
<p><b>Politics, Philosophy, and Public Affairs</b>  Revise graduation requirements for Bachelor of Arts in Political Science – Pre-Law Option</p>	<p><b>Political Science - Pre-Law Option (120 Hours)</b></p> <p><b>Second Year</b></p> <p><i>First Term</i> <span style="float: right;"><i>Hours</i></span></p> <p>Creative &amp; Professional Arts [ARTS] 3  CRM J 101 (recommended) or Elective 3  PHIL 201 3  POL S 103 3  Electives 3</p> <p><i>Second Term</i> <span style="float: right;"><i>Hours</i></span></p> <p>ENGLISH 201 [WRTG], <del>or</del> ENGLISH 301 [WRTG], <u>or</u>  <u>PHIL 200 [WRTG]</u> 3  H D 205 [COMM] or COM 102 [COMM] 3 or 4  POL S 201 3  POL S 300 3  Electives 3  Complete Writing Portfolio</p>	<p><b>8-16</b></p>
<p><b>Politics, Philosophy, and Public Affairs</b>  Revise requirements for minor in Political Science</p>	<p><b>Political Science</b></p> <p>18 semester hours of political science coursework is required for the minor, 9 of which must be 300-400-level courses. <del>The courses may not be taken pass, fail.</del> Students must successfully complete POL S 101,</p>	<p><b>8-16</b></p>

	<p>102, and 103. At least 12 semester hours of political science must be earned at Washington State University. Three hours of POL S 497 or 499 may be applied to the minor. A minimum GPA of 2.0 in the political science courses is required.</p>	
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