

UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 4
Fall 2022

--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.

Department	Proposed	Effective Date
<p>Business Revise requirements for minor in Entrepreneurship</p>	<p>Entrepreneurship</p> <p>Please see the Carson College of Business section of this Catalog for additional instructions. To be admitted into the Entrepreneurship minor, students must meet the following minimum requirements:</p> <ol style="list-style-type: none"> 1. Complete 27 credits. 2. WSU cumulative GPA of at least 2.50 and not on academic probation <p>The entrepreneurship minor requires 18 credits of coursework including:</p> <p>ACCTG 220 or 230</p> <p>ENTRP 426</p> <p>One management course: ENTRP 489, ENGR 404 <u>320</u>, or an approved substitute</p> <p>One marketing/communication course: ENTRP 490, COMSTRAT 380, or an approved substitute</p> <p>Two semesters of business plan courses (minimum 6 credits):</p> <ul style="list-style-type: none"> ▪ ENTRP 485 and 486 ▪ ENTRP 496 (6 credits of Special Topics) ▪ BIO ENG 410 and 411 ▪ <u>ENGR 420 and ENGR 421</u> ▪ or approved substitutes <p>Students must maintain an overall GPA of 2.50 in the entrepreneurship minor courses</p> <p>A minimum of 9 credits of upper-division coursework must be taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.</p> <p>To be admitted into this minor, students must meet with a business advisor and declare their interest. Students must ensure that they meet all course prerequisites before enrolling in any College of Business courses.</p>	<p>8-23</p>
<p>Design and Construction New undergraduate</p>	<p>Energy Conscious Construction</p> <p>The Energy Conscious Construction certificate is an interdisciplinary program in building science and focused on high-performing energy-efficient residential building design and construction. In addition to collaboration with the School of</p>	<p>8-23</p>

<p>certificate: Energy Conscious Construction (ECC)</p>	<p>Mechanical and Materials Engineering and the Department of Civil & Environmental Engineering, the certificate program leverages the expertise of the nationally-recognized WSU Extension Energy Program in Olympia, WA. Completion of the Energy Conscious Construction certificate requires a total of 15 credits. Required courses: ARCH 464 or 495, ARCH 493, ME 419, SDC 441, and SDC 451.</p>																									
<p>Electrical Engineering and Computer Science Revise graduation requirements for BS in Electrical Engineering</p>	<p>Electrical Engineering (124 Credits)</p> <p>Students are admitted to the Electrical Engineering major upon demonstrating they are calculus-ready and making their intention known to the department. Calculus-ready is defined as having an ALEKS math placement score of <u>8380%</u> or higher; or completion of MATH 108, and 171 or a higher calculus course with a grade of C or better; or completing the Math AP with a score of 2 (places the student in MATH 171), or 3 (credit is given for MATH 171).</p> <p>To remain in good standing students must complete CPT S 121 or 131, MATH 171, 172, 220, 273, and PHYSICS 201/211, each with a grade of C or better, and earn a cumulative WSU GPA of 2.5 or higher upon completion of the above courses.</p> <p>Alternate Pathway: Completion of ALL standard pathway benchmarks and additionally: ENGLISH 101, CHEM 105, PHYSICS 202/212, E E 261, 262, MATH 315, all with a grade of C or better, and a 2.5 cumulative WSU GPA (or transfer GPA if no WSU GPA exists). Everett and Bremerton applicants follow the alternate pathway.</p> <p>No courses listed in this schedule of study may be taken on a pass/fail basis. With the exception of E E 488, E E 499, and ENGR 489, 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. Students should also consult with an advisor regarding allowed course substitutions to the schedule of studies listed below.</p> <p>First Year</p> <table data-bbox="342 1360 1382 1904"> <thead> <tr> <th><i>First Term</i></th> <th><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>CHEM 105 [PSCI]</td> <td>4</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td>3</td> </tr> <tr> <td>ENGR 120</td> <td>2</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td>3</td> </tr> <tr> <td>MATH 171 [QUAN]</td> <td>4</td> </tr> <tr> <th><i>Second Term</i></th> <th><i>Credits</i></th> </tr> <tr> <td>CPT S 121 or 131</td> <td>4</td> </tr> <tr> <td>MATH 172</td> <td>4</td> </tr> <tr> <td>MATH 220</td> <td>2</td> </tr> <tr> <td>PHYSICS 201</td> <td>3</td> </tr> <tr> <td>PHYSICS 211</td> <td>1</td> </tr> </tbody> </table>	<i>First Term</i>	<i>Credits</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>Credits</i>	CPT S 121 or 131	4	MATH 172	4	MATH 220	2	PHYSICS 201	3	PHYSICS 211	1	<p>8-23</p>
<i>First Term</i>	<i>Credits</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>Credits</i>																									
CPT S 121 or 131	4																									
MATH 172	4																									
MATH 220	2																									
PHYSICS 201	3																									
PHYSICS 211	1																									

Second Year	
<i>First Term</i>	<i>Credits</i>
CPT S 122 or 132	4
E E 214	4
MATH 273	2
PHYSICS 202	3
PHYSICS 212	1
<i>Second Term</i>	<i>Credits</i>
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	
Third Year	
<i>First Term</i>	<i>Credits</i>
E E 311	3
E E 321	3
E E 331	3
E E 352 [M]	3
Engineering Science Elective ¹	3
<i>Second Term</i>	<i>Credits</i>
E E 302	3
E E 341	3
E E 361	3
STAT 360	3
Track Elective ^{2,3}	3
Fourth Year	
<i>First Term</i>	<i>Credits</i>
Diversity [DIVR]	3
E E 415	3
Engineering Science Elective ¹	3
ENGLISH 402 [WRTG]	3
Track Electives ^{2,3}	6
<i>Second Term</i>	<i>Credits</i>

	<p>300-400-level Track Electives^{2,3} 6</p> <p>Biological Sciences [BSCI] 3 or 4</p> <p>E E 416 [CAPS] [M] 3</p> <p>Humanities [HUM] 3</p> <p>Complete E E Exit Interview and Survey</p> <hr/> <p>Footnotes</p> <p>¹ Engineering Science Electives (6 credits): Choose from CE 211, ME 212, 301, MSE 302.</p> <p>² Track Electives: Students follow one of five tracks for an emphasis in their degree program. A total of 15 credits are required for each track. Any electives within a track must be chosen from the list of approved technical electives in footnote 3. Power Track: required: E E 362 [M], 491, at least 6 credits from E E 486, 489, 492, 493, 494, and remaining credits from list of approved technical electives; Microelectronics Track: required: E E 351, 476, at least two from E E 431, 434, 496, and one from E E 431, 434, 466, 488, 496, 499, ENGR 489 with a combined maximum of 3 credits total from E E 488 and ENGR 489 or E E 499; Systems Track: required: E E 464, 489, at least one from E E 432, 451, and one from E E 351, 431, 432, 451, 470, and remaining credits from list of approved technical electives; General Track: at least one from E E 324 [M], 351, 362 [M], 489; at least three 400-level E E letter graded course not used to meet other program requirements, and one course from the list of approved technical electives; or Computer Engineering Track: required: E E 434, 466, at least one from E E 324 [M], 334, 431, 476, CPT S 360, and remaining credits from list of approved technical electives and at least one 400-level E E letter graded course not used to meet other program requirements.</p> <p>³ Technical Electives approved for Power Track, Systems Track, General Track (minimum 9 credits 400-level E E courses), and Computer Engineering Track (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 304, 401, 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>History Revise requirements for minor in Modern Asia</p>	<p>Modern Asia</p> <p>Asia’s population, economic power, cultural influence, political volatility, environmental impacts, and military threats make it the world’s most dynamic region, and its importance will continue to grow in the coming generations. Learning about it is more critical than ever. The minor in Modern Asia is designed to deepen students’ appreciation of the complexity and diversity of the region encompassing East Asia, South Asia, and the Middle East. Students who focus on one country or region will also develop pan-Asian perspectives.</p> <p><u>A minor in Modern Asia requires 18 credits from the course list below, 9 of which must be in 300-400-level courses taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. A grade of C or better is required in all course work for the minor. Students who have completed 60 credits may be admitted to the minor in Modern Asia. The minor requires a 2.0 GPA and a minimum of 18 credits taken from</u></p> <p>ASIA 201, 301, 303; HISTORY/ASIA 270, 271, 272, 273, 275, 371, 372, 373, 374, 377, 378, 379, 387, 472, 473, 474, 475, 476, 477, 478, 479, 483, 499. These courses must be taken in residence at WSU, through WSU Global Campus, or through departmental approval of education abroad or educational exchange courses.</p>	<p>8-23</p>
<p>Psychology Add new BS in Psychology Option,</p>	<p>Psychology – Accelerated Pre-Pharmacy Option (132 Credits)</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</p>	<p>8-23</p>

Accelerated Pre-Pharmacy	<p>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>	
	First Year	
	<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 [BSCI]	4
	CHEM 106	4
	Diversity [DIVR]	3
	ENGLISH 101 [WRTG]	3
	PSYCH 210	3
	Second Year	
	<i>First Term</i>	<i>Credits</i>
	CHEM 345	4
	Communication [COMM] or Written Communication [WRTG]	3
	Humanities [HUM]	3
	PSYCH 311 ¹	4
	Focus Area PSYCH Electives ²	3
	<i>Second Term</i>	<i>Credits</i>
	BIOLOGY 315 or 354	4
	CHEM 348	4
	PSYCH 312	4
	Focus Area PSYCH Electives ²	6
	Complete Writing Portfolio ³	
	Third Year	
	<i>First Term</i>	<i>Credits</i>

	<p>Arts [ARTS] 3 M BIOS 303 4 Focus Area PSYCH Electives² 9</p> <p>Second Term Credits</p> <p>Arts [ARTS], Humanities [HUM], or Social Sciences [SSCI] 3 BIOLOGY 251 or 353 4 M BIOS 305 3 PSYCH [M] 3 Focus Area PSYCH Electives² 3</p> <p>Fourth Year</p> <p>First Term Credits</p> <p>PHARMACY and PHARDSCI coursework 16</p> <p>Second Term Credits</p> <p>CAPS course⁴ 3 Additional PHARMACY and PHARDSCI coursework 15 Complete Psychology Exit Interview and Survey</p> <hr/> <p>Footnotes</p> <p>¹ PSYCH 311 will meet the statistics pre-requisite for admission to the Doctor of Pharmacy program.</p> <p>² Focus Area Electives (21 credits): Students must complete at least 2 courses from each of the following areas: 1) Neuroscience/Cognition: PSYCH 265, 372, 384, 473, 490, 491, 492; 2) Social/Motivational PSYCH 230, 306, 307, 308, 309, 321, 328, 350, 403, 466, 470; and 3) Clinical/Counseling: PSYCH 110, 320, 324, 333, 342, 361, 363, 440, 442, 444, 464, 468. 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.</p> <p>³ 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.</p> <p>⁴ 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>	
<p>Sociology Revise requirements for minor in Workplace Diversity</p>	<p>Workplace Diversity</p> <p>Faculty coordinator: Dr. Sarah Whitley Wilson 204 Pullman, WA 99164-4020 509-335-4595 whitley@wsu.edu</p> <p>The Minor in Workplace Diversity program is designed specifically for students and/or professionals with the aim of preparing them for increasingly diverse and global workplaces. It increases their intercultural understanding and skills, as well as provides evidence of those skills (in the form of an academic minor) to prospective or current employers. Given the possibility of following a number of profession-specific tracks, the program is useful for individuals across majors or</p>	<p>8-23</p>

	<p>disciplines who are or expect to be in management positions, or work with diverse colleagues, clients, customers, patients, or students.</p> <p>The intent of this minor is to broaden and enhance knowledge and/or incorporate additional skills in the student’s academic preparation. The minor’s program of studies is designed by the student in collaboration with the coordinator and /or the advisor. Students may be admitted after completing 60 credits and/or admission into a major. A minimum of 18 credits is required and must include 9 credits of upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. All core courses must be taken at WSU. Not counting the SOC 341 course, no more than two courses with the same subject (or content, as in cross-listed courses) may be applied towards the minor. A maximum of 3 internship credits may count towards the minor’s electives, if approved by coordinator. For a selection of suggested electives, please consult with the minors’ faculty coordinator or the academic advisor for the Department of Sociology.</p> <p>Program of Study</p> <p>Core Courses (12 credits): SOC 341 PHIL 360 ANTH 203, CES 101 or WGSS 101 SOC 340 or CES 301</p> <p>Electives (69 credits) to be selected in collaboration with program director from: ANTH 316; ANTH/POL S/SOC 418; CES 244, 301, 440, 446; <u>CES/HISTORY 426</u>, <u>COMSOC 321, 421</u>; MGMT 315; PHIL <u>360, 365</u>; POL S 305, <u>340, 432</u>; PSYCH 309; SOC 334, <u>340, 390</u>; WGSS 385, 406.</p> <p>Learning Goals</p> <p>After completing the Workplace Diversity Minor Program, students will be able to:</p> <ul style="list-style-type: none"> Recognize how behavior and perspective are shaped by social structural factors such as economics, power, and institutionalized discrimination. Assess how their own and others’ cultural identity, filters and behaviors impact the work environment. Respond to bias in a proactive and transformational way. Utilize strategies to value and bridge differences among, and work more effectively with, people who differ from one another according to a wide variety of attributes. Demonstrate behaviors that contribute to a welcoming and respectful workplace. 	
<p>Strategic Communication Revise graduation requirements for BA in Strategic Communication -</p>	<p>Risk and Crisis Communication (120 Credits)</p> <p>Admission Requirements Students are admitted directly into their desired major in the College of Communication upon admission and enrollment at Washington State University. To remain admitted in any major in the College of Communication, a student must complete all required courses and have a minimum cumulative 2.0 GPA.</p>	<p>8-23</p>

<p>Risk and Crisis Communication</p>	<p>COM 300 must be completed with a C or better, and only two attempts are allowed and a “W” is counted as an attempt. With an appeal to the department chair, a student may request to take COM 300 for a 3rd attempt during a summer session. All pre-requisites must be met in order to move through the Murrow curriculum. If a student fails to complete the required curriculum, they will not be able to remain admitted in the Murrow College. If a student is failing to complete academic requirements in a reasonable timeline, an advisor will work with the student to identify another academic path. Students must remain in good academic standing in order to graduate with a degree from the Murrow College.</p> <p>Direct to Degree for Transfer Students Transfer students bringing in 30 or more semester credits from an outside institution, and a 3.0 or higher transfer GPA will be directly admitted into the Murrow College. After consulting with a Murrow Professional Academic Advisor, a student transferring with junior status (60 or more semester credits), with a 3.0 or higher transfer GPA, and who has completed COM 101 or COM 105 from another institution, will be allowed to take COM 300 in their first semester at WSU with all remaining 100-level required communication courses. All transfer students are required to consult with a Murrow Professional Academic Advisor prior to enrollment at WSU.</p> <p>Below is a detailed schedule of studies in a 4-year format. However, students will develop their own academic plan in consultation with their professional academic advisor through the Murrow Center for Student Success. The BA in Strategic Communication is broken down into four main categories as found in myWSU under your Academic Requirements:</p> <ol style="list-style-type: none"> 1. College Core Requirements: COM 101; 102; 105; 138; 210; and 300 (18 credits). 2. Strategic Communication Degree Requirements: COM 309; COMSTRAT 310; COMSTRAT 395 or MKTG 360; COMSTRAT 301; one Advanced Media and Society course from approved list (in footnotes); and one Specialization Elective course (in footnotes) (18 credits). 3. Major Requirements: Risk and Crisis Communication: COMSTRAT 324; COMSTRAR 326; COMSTRAT 483 or 478; COMSTRAT 477 or COM 490; COM 486 (15 credits). 4. Major Upper-Division Electives: (in footnotes) (9 credits). <p>First Year</p> <table data-bbox="342 1665 1382 1877"> <thead> <tr> <th><i>First Term</i></th> <th><i>Credits</i></th> </tr> </thead> <tbody> <tr> <td>Biological Sciences [BSCI] or Physical Sciences [PSCI]¹</td> <td>3</td> </tr> <tr> <td>COM 101</td> <td>3</td> </tr> <tr> <td>COM 138</td> <td>3</td> </tr> <tr> <td>Diversity [DIVR]</td> <td>3</td> </tr> </tbody> </table>	<i>First Term</i>	<i>Credits</i>	Biological Sciences [BSCI] or Physical Sciences [PSCI] ¹	3	COM 101	3	COM 138	3	Diversity [DIVR]	3
<i>First Term</i>	<i>Credits</i>										
Biological Sciences [BSCI] or Physical Sciences [PSCI] ¹	3										
COM 101	3										
COM 138	3										
Diversity [DIVR]	3										

ENGLISH 101 [WRTG]	3
<i>Second Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab) ¹	4
COM 102 [COMM]	3
COM 105 [HUM]	3
HISTORY 105 [ROOT]	3
Quantitative Reasoning [QUAN]	3
Second Year	
<i>First Term</i>	<i>Credits</i>
Arts [ARTS]	3
COM 210	3
COM 300 [M]	3
COMSTRAT 301	3
Social Sciences [SSCI]	3
<i>Second Term</i>	<i>Credits</i>
COMSTRAT 310	3
Major Elective ²	3
Specialization Course ³	3
Electives ⁴	6
Complete Writing Portfolio	
Third Year	
<i>First Term</i>	<i>Credits</i>
COM 309	3
COMSTRAT 324 [M]	3
COMSTRAT 326	3
Electives ⁴	6
<i>Second Term</i>	<i>Credits</i>
COMSTRAT 395 or MKTG 360	3
COMSTRAT 477 or COM 490	3
Major Elective ²	3
Electives ⁴	6
Fourth Year	
<i>First Term</i>	<i>Credits</i>
COMSTRAT 483 or 478	3
Integrative Capstone [CAPS]	3
Electives ⁴	9

<i>Second Term</i>	<i>Credits</i>
Advanced Media and Society Course ⁵	3
<u>COM 486</u>	<u>3</u>
COMSTRAT 485	3
Major Elective ²	3
Electives ⁴	5

Footnotes

¹ For a total of 7 credits—one Biological Sciences [BSCI] and one Physical Sciences [PSCI] course, including one lab course.

² Major Electives (9 credits): Select 300-400-level courses from COM, COMJOUR, COMSTRAT not used to meet other requirements, COM 495 internship credits, COM 497 or COMSTRAT 499 Special Projects credits in consultation with advisor. A maximum of 6 credits of 495/497/499 may apply towards major electives.

³ Specialization Course (3 credits): Any COM, COMJOUR, or COMSTRAT 475-490 not used to meet other requirements.

⁴ A maximum of 12 credits of COM/COMJOUR/COMSTRAT 495/497/499 allowed towards 120 credits required for graduation. Consult with a Murrow advisor.

⁵ Advanced Media and Society Course (3 credits): Select from COM 421, 440, 464, 471, or 479.