

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 2  
Fall 2018**

**--REQUIREMENTS--**

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

<b>Dept</b>	<b>Proposed</b>	<b>Effective Date</b>
<p><b>Business</b> Revise International Experience Requirements (IER) for all majors in the Carson College of Business</p>	<p><b>International Experience Requirement (IER)</b></p> <p>Learning Outcomes</p> <p>    Upon completing the IER, students should be able to:</p> <p>    Appreciate differences in the external environmental factors that affect global business</p> <p>    Identify the specific elements of the cultural environment that affect global business decisions</p> <p>    Evaluate the implications of the external environmental factors on global business decisions</p> <p>    Incorporate global economic, political and cultural factors when making global business recommendations</p> <p>Students can satisfy the IER requirements by completing one of the following:</p> <ol style="list-style-type: none"> <li>1. Study abroad for 6 or more credit hours. Two smaller study abroad programs may be cumulated to meet the entire 6 credit-hour requirement. International students in the Carson College of Business (not including WSU Global students) will meet their study abroad requirement through their study in the United States.</li> <li>2. Complete a major or minor in a foreign language.</li> <li>3. Students that demonstrate proficiency in a foreign language (e.g., STAMP test) will be deemed to have met the Carson College of Business International Experience Requirement. [Honors College students that meet their demonstrated proficiency in a foreign language will also be deemed to have met the Carson College of Business IER.]</li> <li>4. Complete a minimum of one year of international experience in any of the following areas: military service, Peace Corps, Volunteer work with an organization,</li> </ol>	<p align="center"><b>8-18</b></p>

missionary work, or other. Documentation must be submitted to the student's academic advisor for approval.

5. Complete two of the following:
  - a. The Global Leadership Certificate or other certificate with a major international component (e.g. The East Asia Program) as approved by the administrative head of the International Business Institute or Department of Marketing and International Business.
  - b. A brief study abroad program of at least 3 credit hours.
  - c. An “international non-business course”. Approved courses include: AMDT 413; ANTH 301, 306, 307, 309, 312, 316, 317, 320, 330, 350, 370, 405, 417, 418, 450, 469; ARCH 428; ASIA 302, 315, 373, 374, 477, 479; BIOLOGY 401; CES 301, 325, 372, 377, 379, 380, 401, 405, 421, 426, 470; COMSOC 321; CRM J 405; CROPS SCI 360; ECONS 427, 428, 430, 433, 453; ENGLISH 373, 410, 457; FINE ART 331; FOR LANG 410; H D 350, 403; HISTORY 331, 373, 374, 436, 464, 466, 473, 477, 479, 491, 492, 494, 495; HUMANITY 350; PHIL 314, 315; POL S 314, 424, 427, 435; RUSSIAN 410; SOC 331, 332, 375, 415; SOE 300, 312, 390, 412; SOIL SCI 360; TCH LRN 480, 487; WOMEN ST 316, 332, 340, 406.
  - d. An approved 300-400-level “international business or economics course”. Approved courses include: ACCTG 420; ECONS 327; FIN 481; I BUS 415, 416, 435, 453, 470, 482, 496; MIS 441.
  - e. At least 3 credits in a foreign language. Approved courses include: CHINESE 101, 102, 203; FRENCH 101, 102, 203; GERMAN 101, 102, 203; ITALIAN 101, 102; JAPANESE 101, 102, 203; LATIN 101, 102; RUSSIAN 101, 102, 203; SPANISH 101, 102, 203; ~~or as approved by advisor~~. Sign Language is not an approved foreign language to satisfy this requirement. Students who wish to request alternative foreign language courses to be used to satisfy this requirement must work through their academic advisor to prepare a formal request for approval to the International Business Institute.
  - f. An international internship approved by the Department of Marketing and International Business (maximum of 3 credit hours).

	<p>g. An accepted petition to the Department of Marketing and International Business to allow the use of extensive international travel experiences at the collegiate or corporate level for up to 3 credit hours towards the International Experience Requirement. Although petitions must be approved prior to the international travel, exceptional cases can be reviewed on a case-by-case basis. Normally such an experience will be at least three months in duration.</p> <p>h. A University course research project with an international business research focus that is a significant part of the course learning component, and that constitutes 40% or more of the class. The petition for allowing a project work to count towards the International Experience Requirement should be signed off by the course instructor, and the final approval will be made by the Department of Marketing and International Business for Pullman based students, and an IBUS Fellow or Area Director for urban campus students. *</p> <p>i. Participate as finalists in an international or global case competition (e.g., Global Case Competition conducted by WSU International Programs). The determination of whether a case competition can be counted towards the International Experience Requirement will be made through a petition to the Department of Marketing and International Business. Although only final round participants can be considered, exceptional cases that did not make it to the final round can also be considered on a case-by-case basis by the <u>International Business Institute or Department of Marketing and International Business</u>, which will make the final approval.</p> <p>* Students also need to obtain pre-approval from course instructor prior to start of project work on the petition form that is available with advisors at the respective campus locations.</p>							
<p><b>Chemical Engineering and Bioengineering</b> Revise graduation requirements for Bachelor of Science in Bioengineering, General Option</p>	<p><b>Bioengineering, General Option (120 Hours)</b></p> <p><b>Fourth Year</b></p> <table border="0"> <thead> <tr> <th><i>First Term</i></th> <th><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>BIO ENG 410 [M]</td> <td>3</td> </tr> <tr> <td>BIO ENG 440</td> <td>4</td> </tr> </tbody> </table>	<i>First Term</i>	<i>Hours</i>	BIO ENG 410 [M]	3	BIO ENG 440	4	<p><b>8-19</b></p>
<i>First Term</i>	<i>Hours</i>							
BIO ENG 410 [M]	3							
BIO ENG 440	4							

	<p>Communication [COMM] or Written Communication [WRTG] 3</p> <p>Technical Electives<sup>3</sup> 6</p> <p><b>Second Term</b> <b>Hours</b></p> <p>BIO ENG 411 [CAPS] 3</p> <p>Bioengineering Electives<sup>2</sup> 3</p> <p>Technical Electives<sup>3</sup> 6</p> <p>Elective 1</p> <p>Complete BIO ENG Exit Interview</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> 3 credit 300-400-level engineering course may be substituted for ENGR 120 by approval of advisor.</p> <p><sup>2</sup> Bioengineering Electives (6 credits): Must have a BIO ENG subject, selected from the following: BIO ENG 425, 435, 455, 476, or 481.</p> <p><sup>3</sup> Technical Electives (12 credits): May be either BIO ENG courses (not used to fulfill Bioengineering elective requirements) from Footnote 2, or other relevant engineering or science courses from the following: BIO ENG 488, 495, 499; BIOLOGY 106, 251, 301, 315, 340, 352, 353, 494; CE 315, 463; CHE 301, 334, 475, 476; CHEM 345, 348, 370; CPT S 121; E E 262; MBIOS 301, 303, 304, 305, 306, 401, 405/505, 413, 414, 426, 465, 478; ME 116, 212, 216, 301, 303, 310, 311, 401, 472, 473; MSE 201, 302, 401, 402, 403, 406, 413; NEUROSCI 301, 302, 305, 403 [M], 404, 425, 426, 430 [M]; PHIL 365; PHYSICS 466.</p>	
<p><b>Chemical Engineering and Bioengineering</b></p> <p>Revise graduation requirements for Bachelor of Science in Chemical Engineering - General</p>	<p><b>Chemical Engineering - General (127 Hours)</b></p> <p><b>Fourth Year</b></p> <p><b>First Term</b> <b>Hours</b></p> <p>CHE 432 [M] 3</p> <p>CHE 441 3</p> <p>CHE 450 3</p> <p>ENGLISH 402 [WRTG] [M] 3</p> <p>CHE Elective<sup>2</sup> 3</p> <p><b>Second Term</b> <b>Hours</b></p> <p>CHE 433 [M] 2</p> <p>CHE 451 [M] [CAPS] 3</p> <p>CHE 498 1</p> <p>CHE Elective<sup>2</sup> 6</p> <p>Technical Elective<sup>1</sup> 3</p> <p>Exit Interview</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> Technical Elective: Any 300-400-level BIO ENG, CHEM, CHE, CE, E E, ENGR, MATH, ME, MSE, or PHYSICS course as approved by advisor.</p> <p><sup>2</sup> CHE Electives (9 credits): Any 400-level course not used to fulfill major requirements, 461, 465, 475, 476, 481, 495, and 499. Of the total of 9 credits in</p>	<p><b>8-19</b></p>

	<p>chemical engineering electives, a cumulative total <u>maximum</u> of only 3 credits is allowed in CHE 488, 495 and 499 combined.</p>	
<p><b>Educational Leadership, Sport Studies, and Educational/Counseling Psychology</b> Drop Bachelor of Science in Kinesiology major: Health and Fitness Teacher Certificate</p>	<p><b>Discontinue</b> the following major:</p> <p><b><del>Health And Fitness Teacher Certificate (BS Kinesiology) 139 Hours</del></b></p> <p><del>This major program prepares individuals to teach physical education, health and fitness at the elementary and/or secondary levels. At all levels of instruction, individuals will acquire knowledge and skills necessary to maintain an active life involving movement, physical fitness and proper nutrition. Students will participate in activities that are designed to help them understand and value important health and fitness concepts and the contributions they make to a healthy lifestyle. Course work includes a kinesiology core with additional course work from Teaching and Learning, and the university core requirements.</del></p> <p><del>Minimum Criteria for Certification</del></p> <p><del>Because of the intensity and limited availability of the practicum teaching, the program admits a limited number of students....</del></p> <p><del>...</del></p>	8-18
<p><b>Environment</b> Drop minor in Rangeland Ecology and Management</p>	<p><b>Drop</b> the following minor:</p> <p><b><del>Rangeland Ecology and Management</del></b></p> <p><del>Minimum of 16-17 credit hours. Required courses: NATRS 455, 460, SOIL SCI 201, and SOIL SCI 368; plus one of BIOLOGY 462, ENVR SCI 444, or NATRS 430. 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.</del></p>	8-18
<p><b>General Studies</b> Remove obsolete program no longer offered from the catalog: General Studies - Teacher Training</p>	<p><b>Remove</b> from catalog:</p> <p><b><del>General Studies - Teacher Training</del></b></p> <p><del>Students who are preparing to teach at the secondary level may in some cases receive their degrees in general studies. Such students must fulfill the requirements for graduation of the College of Arts and Sciences. There are no further requirements if they complete their teaching major and minor and fulfill all the requirements for teaching certification. The degree awarded is Bachelor of Arts in</del></p>	8-18

	<p><del>Humanities, Bachelor of Arts in Social Sciences, or Bachelor of Science according to the endorsement granted in the student's major teaching field.</del></p> <p><del>The secondary teaching major in physical science will receive a Bachelor of Science degree.</del></p> <p><del>For further information on teaching certification, refer to the Department of Teaching and Learning.</del></p>																																															
<p><b>Languages, Cultures, and Race</b> Revise graduation requirements for Bachelor of Arts in Comparative Ethnic Studies - Comparative Ethnic Studies.</p>	<p><b>Comparative Ethnic Studies (120 Hours)</b></p> <p><b>First Year</b></p> <table border="0"> <thead> <tr> <th><i>First Term</i></th> <th><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>CES 201</td> <td>3</td> </tr> <tr> <td>Creative &amp; Professional Arts [ARTS]</td> <td>3</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td>3</td> </tr> <tr> <td>Quantitative Reasoning [QUAN]</td> <td>3 or 4</td> </tr> <tr> <td><b>Second Term</b></td> <td><b>Hours</b></td> </tr> <tr> <td>Communication [COMM] or Written Communication [WRTG]</td> <td>3</td> </tr> <tr> <td>Diversity [DIVR]</td> <td>3</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td>3</td> </tr> <tr> <td>Social Sciences [SSCI]</td> <td>3</td> </tr> <tr> <td><del>WOMEN ST 201</del></td> <td><del>3</del></td> </tr> <tr> <td><u>Electives</u></td> <td><u>3</u></td> </tr> </tbody> </table> <p><b>Second Year</b></p> <table border="0"> <thead> <tr> <th><i>First Term</i></th> <th><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>Biological Sciences [BSCI] with lab or SCIENCE 101 [SCI]<sup>1</sup></td> <td>4</td> </tr> <tr> <td>CES Elective <sup>2</sup></td> <td>3</td> </tr> <tr> <td>Foreign Language and/or Electives</td> <td>6</td> </tr> <tr> <td>Humanities [HUM]</td> <td>3</td> </tr> <tr> <td><b>Second Term</b></td> <td><b>Hours</b></td> </tr> <tr> <td>CES Elective<sup>2</sup></td> <td>3</td> </tr> <tr> <td>Creative &amp; Professional Arts [ARTS], Humanities [HUM], or Social Sciences [SSCI]</td> <td>3</td> </tr> <tr> <td>Foreign Language and/or Electives</td> <td>6</td> </tr> <tr> <td>Physical Sciences [PSCI] with lab or SCIENCE 102 [SCI]<sup>1</sup></td> <td>4</td> </tr> <tr> <td>Complete Writing Portfolio</td> <td></td> </tr> </tbody> </table>	<i>First Term</i>	<i>Hours</i>	CES 201	3	Creative & Professional Arts [ARTS]	3	ENGLISH 101 [WRTG]	3	Quantitative Reasoning [QUAN]	3 or 4	<b>Second Term</b>	<b>Hours</b>	Communication [COMM] or Written Communication [WRTG]	3	Diversity [DIVR]	3	HISTORY 105 [ROOT]	3	Social Sciences [SSCI]	3	<del>WOMEN ST 201</del>	<del>3</del>	<u>Electives</u>	<u>3</u>	<i>First Term</i>	<i>Hours</i>	Biological Sciences [BSCI] with lab or SCIENCE 101 [SCI] <sup>1</sup>	4	CES Elective <sup>2</sup>	3	Foreign Language and/or Electives	6	Humanities [HUM]	3	<b>Second Term</b>	<b>Hours</b>	CES Elective <sup>2</sup>	3	Creative & Professional Arts [ARTS], Humanities [HUM], or Social Sciences [SSCI]	3	Foreign Language and/or Electives	6	Physical Sciences [PSCI] with lab or SCIENCE 102 [SCI] <sup>1</sup>	4	Complete Writing Portfolio		<p><b>8-19</b></p>
<i>First Term</i>	<i>Hours</i>																																															
CES 201	3																																															
Creative & Professional Arts [ARTS]	3																																															
ENGLISH 101 [WRTG]	3																																															
Quantitative Reasoning [QUAN]	3 or 4																																															
<b>Second Term</b>	<b>Hours</b>																																															
Communication [COMM] or Written Communication [WRTG]	3																																															
Diversity [DIVR]	3																																															
HISTORY 105 [ROOT]	3																																															
Social Sciences [SSCI]	3																																															
<del>WOMEN ST 201</del>	<del>3</del>																																															
<u>Electives</u>	<u>3</u>																																															
<i>First Term</i>	<i>Hours</i>																																															
Biological Sciences [BSCI] with lab or SCIENCE 101 [SCI] <sup>1</sup>	4																																															
CES Elective <sup>2</sup>	3																																															
Foreign Language and/or Electives	6																																															
Humanities [HUM]	3																																															
<b>Second Term</b>	<b>Hours</b>																																															
CES Elective <sup>2</sup>	3																																															
Creative & Professional Arts [ARTS], Humanities [HUM], or Social Sciences [SSCI]	3																																															
Foreign Language and/or Electives	6																																															
Physical Sciences [PSCI] with lab or SCIENCE 102 [SCI] <sup>1</sup>	4																																															
Complete Writing Portfolio																																																

**Third Year**

<i>First Term</i>	<i>Hours</i>
CES 300 [M]	3
300-400-level CES Elective <sup>2</sup>	3
CES Sub-core <sup>3</sup>	3
Electives	7

<i>Second Term</i>	<i>Hours</i>
CES Sub-core <sup>3</sup>	3
300-400-level CES Electives <sup>2</sup>	6
300-400-level Electives	6

**Fourth Year**

<i>First Term</i>	<i>Hours</i>
300-400-level CES Elective <sup>2</sup>	3
Electives	12

<i>Second Term</i>	<i>Hours</i>
CES 489 [CAPS]	3
300-400-level Electives	12

**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 or SCIENCE 101 [SCI] and SCIENCE 102 [SCI]. SCIENCE 101 [SCI] is offered Fall semester and is a prerequisite for SCIENCE 102 [SCI]. SCIENCE 102 [SCI] is offered Spring semester.

<sup>2</sup> ~~Of the six CES Electives, four electives must be CES courses; one must be a WOMEN ST course; cross-listed courses between CES and WOMEN ST may count as either; - 18 credits including 12 credits of 300-400-level course work. CES electives and sub-core must include course work to meet the University requirement of 2 [M] courses. Approved courses include any unused sub-core courses may fulfill electives. CES Electives are: AMER ST 475; CES 111, 131, 151, 171, 209, 220, 240, 244, 254, 255, 260, 271, 280, 301 [M], 308 [M], 313, 314 [M], 325, 331, 332 [M], 335, 336, 338, 353 [M], 357, 358 [M], 373 [M], 379, 380, 405, 406, 407, 413, 426, 440, 444, 446, 465, 470, 491 [M]; CES /WOMEN ST 372; ~~CES /WOMEN ST 411; CES /WOMEN ST 454; WOMEN ST 211, 220, 308 [M], 309, 310 [M], 317, 332, 336, 338, 340, 363, 403, 406, 460, 464, 481 [M], 484, and 485 [M]; WOMEN ST/CES 120; WOMEN ST 302/CES 305; WOMEN ST 369/CES 309.~~~~

<sup>3</sup> CES Sub-core courses are (6 Credits): CES 301 [M], 325, 440, 446, and 491 [M]. CES Sub-core and Electives must include coursework to meet University requirement of 2 [M] courses.

<p><b>Languages, Cultures, and Race</b> New undergraduate certificate: Italian Language Certificate</p>	<p><b>Italian Language Certificate</b></p> <p>The Italian Language Certificate comprises four in-depth courses of basic communication skills in Italian by developing competency in basic to low-intermediate skills of speaking, listening, reading, writing, and culture. To earn this certificate, students must complete a total of 16 credit hours by taking each of these courses: ITALIAN 101, 102, 203, and 204. This certificate is designed for non-native speakers of Italian and is offered at the level of attaining a basic expertise and knowledge in Italian language skills and culture.</p> <p>No more than 4 hours earned at other institutions may apply towards the certificate and no more than 4 hours may be pass/fail. Courses earned at another institution or by AP credit will be determined by the school regarding course equivalencies and allowance in the certificate. All courses must be earned with a grade of C or better. The University undergraduate certificate fee will apply.</p> <p><b>Proficiency Exam Requirement</b></p> <p>Students who earn this certificate are also required to take an exit proficiency exam at the end of the academic term in which they complete the last course of the certificate. Students must pass the STAMP exam at the intermediate level in order to earn the certificate. This exam requires a fee.</p>	<p><b>8-18</b></p>
<p><b>Teaching and Learning</b> Remove the Specific Subject paragraph for Health and Fitness for the discontinuation of the Health and Fitness Teacher Certificate</p>	<p><b>Remove</b> the following paragraph from Specific Subject Teacher Certificate:</p> <p><del><b>Health and Fitness:</b> One from BIOLOGY 106, 140, 251; CHEM 101 or 105; KINES 361, 484, 393, 481, 483; KINES 199, 262, 264, 266, 311, 312, 361, 380, 393, 461, 462, 481, 483, 484; PE ACTIV 112, 114, 132, 120/121, individual team PE ACTIV; PSYCH 230.</del></p>	<p><b>8-18</b></p>