

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 6
Spring 2013**

---COURSES---

The courses listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All new and revised courses are printed in their entirety under the headings Current and Proposed, respectively. The column to the far right indicates the date each change becomes effective.

| Prefix | Course Number | New Revise Drop | Current | Proposed | Effective Date |
|------------------------------|----------------------|--------------------------------|---|---|-----------------------|
| AFS | 336 | Revise | [S] Agriculture, Environment, and Community 3 Course Prerequisite: 3 credits [S] or [K] GER, or [SSCI] UCORE; sophomore standing. Examines interdependencies between farming/ranching, the natural environment and human communities including perspectives on sustainable agriculture. | (CRS)[SSCI] Agriculture, Environment, and Community 3 Course Prerequisite: 3 credits [S], [K] , or [SSCI]; sophomore standing. <u>Sociological perspectives on major agrifood trends, alternative agrifood movements, and impacts on human communities and the natural environment.</u> | 8-13 |
| AMDT | 310 | Revise | Advanced Assembly Techniques 3 (0-6) Course Prerequisite: AMDT 211; certified in Apparel Design. Advanced assembly techniques for a range of textiles and multi-layer garments; emphasis of high-quality execution on final products. | (410) Advanced Apparel Assembly 4 (1-6) Course Prerequisite: AMDT 211; certified in Apparel Design. Advanced assembly techniques for a range of materials and multi-layer garments; emphasis of high-quality execution on final products. | 8-13 |
| BIOLOGY/ ENVR_SCI | 469 | Revise | Ecosystem Ecology and Global Change 3 Historic and current factors controlling the function of ecosystems and their responses to natural and human caused global change. (Crosslisted course offered as BIOLOGY 469, ENVR SCI 469, BIOLOGY 569, ENVR SCI 569). Credit not granted for both BIOLOGY 469 and 569, or ENVR SCI 469 and 569. Offered at 400 and 500 level. | Ecosystem Ecology and Global Change 3 Historic and current factors controlling the function of ecosystems and their responses to natural and human caused global change. (Crosslisted course offered as BIOLOGY 469, ENVR SCI 469, BIOLOGY 569, ENVR SCI 569). Credit not granted for both BIOLOGY 469 and 569, or ENVR SCI 469 and 569. Offered at 400 and 500 level. <u>Cooperative: Offered to UI</u> | 8-15 |

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| | | | | <u>degree-seeking students.</u> | |
| ECE | 316 | New | --N/A-- | Nanotechnology for Semiconductor and Renewable Energy Applications 3 Course Prerequisite: CHEM 105; PHYSICS 202. Scaling laws, nanofabrication, nanomaterials, nanoscale characterization; nanotechnology in semiconductor industry, critical dimension, solar cells, fuel cells, energy storage, batteries, energy efficiency and energy savings. | 8-13 |
| ECE | 466 | New | --N/A-- | Semiconductor Material and Device Characterization 3 Course Prerequisite: ECE 349. Modern semiconductor material and device characterization techniques; electrical, optical, and physical characterization methods commonly used in semiconductor industry. | 8-13 |
| ENGR | 420 | Revise | Multidisciplinary Engineering Design I 3 (1-4) Course Prerequisite: Senior standing; certified engineering major. Needs analysis and conceptualization of technological products and business plan for target market; multidisciplinary team development. | Multidisciplinary Engineering Design I 3 (1-4) Course Prerequisite: Senior standing; certified engineering major. Needs analysis and conceptualization of technological products and business plan for target market; multidisciplinary team development. <u>Offered at 400 and 500 level.</u> | 8-13 |
| ENGR | 421 | Revise | [T,M] Multidisciplinary Engineering Design II 3 (1-4) Course Prerequisite: Senior standing; certified engineering major. Prototype solution developed and evaluated and business plan completed; presentation to stake holders; team development and assessment. | [T,M] Multidisciplinary Engineering Design II 3 (1-4) Course Prerequisite: Senior standing; certified engineering major. Prototype solution developed and evaluated and business plan completed; presentation to stake holders; team development and assessment. <u>Field trip required.</u> <u>Offered at 400 and 500 level.</u> | 8-13 |
| GEOLOGY | 408 | Revise | [M] Field Geology 3 (0-9) Course Prerequisite: GEOLOGY 307; GEOLOGY 340; | (308) [CAPS][M] Field Geology 3 (0-9) Course Prerequisite: GEOLOGY 307; | 5-13 |

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| | | | GEOLOGY 350. Advanced field problems and methods; interpretation of field data, preparation of reports based on field observations and interpretations. Cooperative course taught jointly by WSU and UI (GEOL 490). | GEOLOGY 340; GEOLOGY 350; <u>senior standing</u> . Advanced field problems and methods; <u>data interpretation and report preparation</u> . Cooperative: Open to UI degree-seeking students. | |
| GEOLOGY | 490 | Revise | Undergraduate Research V 1-3 Course Prerequisite: GEOLOGY 101; GEOLOGY 210. Research and advanced laboratory experience with a geology faculty member; oral presentation and written thesis. | Undergraduate Research V 1-3 <u>May be repeated for credit; cumulative maximum 6 hours.</u> Course Prerequisite: GEOLOGY 101; GEOLOGY 210. Research and advanced laboratory experience with a geology faculty member; oral presentation and written thesis. | 5-13 |
| PHARMACY | 554 | Revise | Pharmacotherapy IV 3 -Course Prerequisite: PHARMACY 544. Fourth in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. | Pharmacotherapy IV 4 Course Prerequisite: PHARMACY 544. Fourth in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. | 8-13 |
| PHARMACY | 557 | Revise | Pharmacotherapy V 3 -Course Prerequisite: PHARMACY 544. Fifth in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. | Pharmacotherapy V 4 Course Prerequisite: PHARMACY <u>554</u> . Fifth in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. | 8-13 |
| PHARMACY | 580 | New | --N/A-- | Practical Politics and Pharmacy 1 Course Prerequisite: PHARMACY 505. Study of government and legislation to better assist patients in navigating the political process. | 1-14 |
| PHYSICS | 408 | Revise | {P} Physics and Society 3 Interactions of physics with society; energy; air and water pollution; recycling; communications and computers; physics and war; physics and art. | (380) [CAPS] Physics and Society 3 Course Prerequisite: <u>Junior Standing</u> . Interactions of physics with society; energy; air and water pollution; recycling; communications and computers; physics and war; physics and art. | 8-13 |
| UCOLLEGE | 199 | New | --N/A-- | Introduction to Directed | 5-13 |

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|-----------------|------------|---------------|--|--|-------------|
| | | | | Research V 1-3 May be repeated for credit; cumulative maximum 12 hours. Course Prerequisite: By permission only. Introduction to independent research, scholarship, reading analysis, creative project, or field experiences. | |
| UCOLLEGE | 496 | New | --N/A-- | Experiences in Health Care V 1-3 May be repeated for credit; cumulative maximum 6 hours. Course Prerequisite: By permission only. Work or shadowing experience under supervision of a qualified professional in a clinic. S, F grading. | 5-13 |
| WOMEN_ST | 101 | Revise | {S,D} Gender and Power: Introduction to Women's Studies 3 Analysis of gender and power in contemporary society from perspectives of different racial, ethnic and socioeconomic groups. | (200) [DIVR] Gender and Power: Introduction to Women's Studies 3 Analysis of gender and power in contemporary society from perspectives of different racial, ethnic and socioeconomic groups. | 8-13 |

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---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.

| Unit | Proposed | Effective Date |
|---|---|-----------------------|
| Business Change graduation requirements in Accounting | Fourth Year Second Term <div style="text-align: right;"><i>Hours</i></div> 400-level ACCTG course, MGMT 487, or 300-400-level MIS or FIN course. ² 3 <u>ACCTG 438 [M] or ACCTG 439 [M]</u> 3 ENGLISH 402 or 403 3 MGMT 491 or ENTRP 492 3 Elective 1 | 8-13 |
| Communication Revise certification requirements | Certification Requirements <p>To certify a major in communication, a student must meet the following minimum requirements: (1) Complete COM 101, and 105, <u>and 138</u>; (2) Sophomore standing (transfer students should have at least 15 graded credits from courses in residence at WSU); (3) Complete a proctored English grammar and writing exam administered by the College of Communication <u>in COM 138</u>. Students will be placed in rank order based on their cumulative WSU gpa. The top students who successfully passed the writing exam and <u>are certified based on the number of spots available that semester. Students transferring into the College with 55 or more hours should complete the certification requirements within two semesters. All students should certify before earning 90 credit hours.</u></p> | 8-13 |
| Communication Revise graduation requirements in Communication and Society | Communication and Society(120 Hours) Certification Requirements <p>To certify a major plan in communication, a student must meet the following minimum requirements: (1) Complete COM 101 and 105; (2) Sophomore standing (transfer students should have at least 15 graded units from courses in residence at WSU. (3) Complete a proctored English grammar and writing exam administered by the College of</p> | 8-13 |

~~Communication:~~

~~Students will be placed in rank order based on their cumulative WSU GPA. The top students who have successfully passed the writing exam are certified based on the number of spots available that semester. Students transferring into the College with 55 or more hours should complete the certification requirements within two semesters. All students should certify before earning 90 credit hours.~~

All majors require a minimum of 48 semester hours in communication. Honors students complete Honors requirements in place of UCOREs.

First Year

First Term ***Hours***

COM 101 3

~~COM 138~~ ~~1~~

Diversity [DIVR] 3

ENGLISH 101 [WRTG] 3

HISTORY 105 [ROOT] 3

Quantitative Reasoning [QUAN] 3

Second Term ***Hours***

Biological Sciences [BSCI] or SCIENCE 101 [SCI]¹ 3 or 4

COM 102 [COMM] 3

COM 105 3

Social Sciences [SSCI] 3

Electives 3

Apply for and Certify in Major

~~Take Writing Certification Exam~~

Second Year

First Term ***Hours***

COM 210 3

COM 295 3

Humanities [HUM] 3

Major Specialization² 3

Physical Sciences [PSCI] or SCIENCE 102 [SCI]¹ 3 or 4

Second Term ***Hours***

COMSOC 301 3

Creative & Professional Arts [ARTS] 3

Electives 9

Complete Writing Portfolio

| | | |
|--|---|-------------|
| | <p>Third Year</p> <p><i>First Term</i> <i>Hours</i></p> <p>COMSOC 321 3</p> <p>COMSOC 324 [M] 3</p> <p>Electives 9</p> <p><i>Second Term</i> <i>Hours</i></p> <p>300-400-level Major Elective or COMSOC 495² 3</p> <p>COM 420 3</p> <p>Electives 9</p> <p>Fourth Year</p> <p><i>First Term</i> <i>Hours</i></p> <p>300-300-level Major Elective or COMSOC 495² 3</p> <p>300-400-level Electives 3</p> <p>COMSTRAT 409 3</p> <p>Integrative Capstone [CAPS] 3</p> <p>Major Specialization³ 3</p> <p><i>Second Term</i> <i>Hours</i></p> <p>300-400-level Major Elective or COMSOC 495² 3</p> <p>COM 470 3</p> <p>Major Specialization³ 3</p> <p>Electives <u>6.5</u></p> | |
| <p>Communication Revise graduation requirements in Journalism and Media Production.</p> | <p>Journalism and Media Production(120 Hours)</p> <p>Certification Requirements</p> <p>To certify a major plan in communication, a student must meet the following minimum requirements: (1) Complete COM 101 and 105; (2) Sophomore standing (transfer students should have at least 15 graded units from courses in residence at WSU; and (3) Complete a proctored English grammar and writing exam administered by the College of Communication.</p> <p>Students will be placed in rank order based on their cumulative WSU GPA. The top students who have successfully passed the writing exam are certified based on the number of spots available that semester. Students transferring into the College with 55 or more hours should complete the certification requirements within two semesters. All students should certify before earning 90 credit hours.</p> <p>All majors require a minimum of 48 semester hours in communication. Honors students</p> | <p>8-13</p> |

complete Honors requirements in place of UCOREs.

First Year

First Term ***Hours***

COM 101 3

COM 138 1

Diversity [DIVR] 3

ENGLISH 101 [WRTG] 3

HISTORY 105 [ROOT] 3

Quantitative Reasoning [QUAN] 3

Second Term ***Hours***

Biological Sciences [BSCI] or SCIENCE 101 [SCI]¹ 3 or 4

COM 102 [COMM] 3

COM 105 3

Social Sciences [SSCI] 3

Electives 3

Apply for and Certify in Major

~~Take Writing Certification Exam~~

Second Year

First Term ***Hours***

COM 210 3

COM 295 3

Creative & Professional Arts [ARTS] 3

Humanities [HUM] 3

Electives 3

Second Term ***Hours***

COMJOUR 350 3

Physical Sciences [PSCI] or SCIENCE 102 [SCI]¹ 3 or 4

Electives 9

Complete Writing Portfolio

Third Year

First Term ***Hours***

300-400-level Electives 3

COMJOUR 333 [M] 3

COMJOUR 390 or COMJOUR 355 3

Electives 6

Second Term ***Hours***

300-400-level Major Elective or COMJOUR 495 ² 3

COM 415 3

| | | |
|--|--|------|
| | <p>COMJOUR 335 3</p> <p>Electives 6</p> <p>Fourth Year</p> <p>First Term Hours</p> <p>300-400-level Major Elective or COMJOUR 495² 3</p> <p>COM 440 3</p> <p>COMJOUR 425 [M] 3</p> <p>Integrative Capstone [CAPS] 3</p> <p>Electives 3</p> <p>Second Term Hours</p> <p>300-400-level Major Elective or COMJOUR 495² 3</p> <p>COMJOUR 475 3</p> <p>Specialization course³ 3</p> <p>Electives <u>6.5</u></p> | |
| <p>Communication</p> <p>Revise graduation requirements in Strategic Communication</p> | <p>Strategic Communication(120 Hours)</p> <p>Certification Requirements</p> <p>To certify a major plan in communication, a student must meet the following minimum requirements: (1) Complete COM 101 and 105; (2) Sophomore standing (transfer students should have at least 15 graded units from courses in residence at WSU. (3) Complete a proctored English grammar and writing exam administered by the College of Communication.</p> <p>Students will be placed in rank order based on their cumulative WSU GPA. The top students who have successfully passed the writing exam are certified based on the number of spots available that semester. Students transferring into the College with 55 or more hours should complete the certification requirements within two semesters. All students should certify before earning 90 credit hours.</p> <p>All majors require a minimum of 48 semester hours in communication. Honors students complete Honors requirements in place of UCOREs.</p> <p>First Year</p> <p>First Term Hours</p> <p>COM 101 3</p> <p><u>COM 138</u> <u>1</u></p> <p>Diversity [DIVR] 3</p> | 8-13 |

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|--|--------------|
| ENGLISH 101 [WRTG] | 3 |
| HISTORY 105 [ROOT] | 3 |
| Quantitative Reasoning [QUAN] | 3 |
| Second Term | Hours |
| Biological Sciences [BSCI] or SCIENCE 101 [SCI] ¹ | 3 or 4 |
| COM 102 [COMM] | 3 |
| COM 105 | 3 |
| Social Sciences [SSCI] | 3 |
| Electives | 3 |
| Apply for and Certify in Major | |
| Take Writing Certification Exam | |
| Second Year | |
| First Term | Hours |
| COM 210 | 3 |
| COM 295 | 3 |
| Creative & Professional Arts [ARTS] | 3 |
| Humanities [HUM] | 3 |
| Physical Sciences [PSCI] or SCIENCE 102 [SCI] ¹ | 3 or 4 |
| Second Term | Hours |
| COMSTRAT 310 | 3 |
| MKTG 360 | 3 |
| Electives | 9 |
| Complete Writing Portfolio | |
| Third Year | |
| First Term | Hours |
| 300-400-level Electives | 3 |
| 300-400-level Major Elective or COMSTRAT 495 ² | 3 |
| COMSTRAT 381 [M] | 3 |
| Specialization Course ³ | 3 |
| Electives | 3 |
| Second Term | Hours |
| 300-400-level Major Elective or COMSTRAT 495 ² | 3 |
| COMSTRAT 409 | 3 |
| Specialization Course ³ | 3 |
| Electives | 6 |
| Fourth Year | |
| First Term | Hours |
| 300-400-level Major Elective or COMSTRAT 495 ² | 3 |

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|---|--|------|
| | Integrative Capstone [CAPS] 3 Specialization Course ³ 3 Electives 6 <i>Second Term</i> <i>Hours</i> 300-400-level Major Elective or COMSTRAT 495 ² 3 Specialization Course ³ 3 Electives <u>9 8</u> | |
| Music Revise name for Jazz Studies | Music Performance - Percussion, Saxophone, String Bass, and Trumpet, <u>Guitar, and Keyboard</u> (Jazz Studies) | 8-13 |