## UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 1

Fall 2021
--REQUIREMENTS-
Faculty Senate approved October 21, 2021
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 |
| :---: | :---: | :---: | :---: |
| \{S \} Animal Sciences Under B.S. in Animal Sciences, change name of option from "Animal Management" to "Animal Science, Technology, and Production" | Animal Management Science, Technology, and Production (120 Credits) |  | 8-22 |
| \{S\} Asia Program Drop Certificate in East Asian Studies for Business Majors |  |  | 8-22 |
| \{S\} Asia Program <br> Drop Certificate in East Asian Studies for Engineering and Architecture Majors |  |  | 8-22 |
| \{S \} Asia Program <br> Drop minor in Asian Studies |  |  | 8-22 |
| \{S\} Biological Sciences Under B.S. in Biology, drop Basic Medical Sciences Plan B |  |  | 8-22 |
| Business <br> Revise graduation requirements for BA in Business Administration - Accounting | Accounting (120 Credits) <br> First Year <br> First Term <br> B A 100 <br> Diversity [DIVR] <br> ECONS 101 [SSCI] or 102 [SSCI] ${ }^{1}$ <br> ENGLISH 101 [WRTG] or 105 [WRTG] ${ }^{1}$ <br> MATH $201^{2}$ <br> Second Term <br> B A 102 | Credits <br> Credits | 8-22 |



|  | ENGLISH 402 or 403 <br> MGTOP 340 <br> Complete Carson Career Amplifier Program Tier 3 <br> Fourth Year <br> First Term <br> Credits <br> ACCTG 433 [M] <br> I BUS 380 <br> 300-400-level Accounting or Business Elective ${ }^{8}$ <br> International Experience Requirement or Electives <br> Social Science or Humanities Elective ${ }^{7}$ <br> Second Term <br> ACCTG 438 [M] or ACCTG 439 [M] <br> MGMT 491 [CAPS] or ENTRP 492 [CAPS] <br> 300-400-level Accounting or Business Elective <br> International Experience Requirement or Electives <br> Complete Carson Career Amplifier Program Tier 4 <br> Footnotes <br> ${ }^{1}$ For Students in the Honors Program: ECONS 198 is an approved substitute for ECONS 101 and 102; COM 102/H D 205/MKTG 279 requirement is waived; HONORS 198 is an approved substitute for HBM 101; ENGLISH 198 is an approved substitute for ENGLISH 101; ACCTG 298 is an approved substitute for ACCTG 230 and 231. Honors students may need to enroll in elective coursework to meet University requirement of 120 credits. <br> ${ }^{2}$ MATH 201 will be waived with an ALEKS score of $80 \%$ or higher, or the completion of MATH 202 or equivalent. MATH 106 will be accepted as an alternative to MATH 201 for transfer students. <br> ${ }^{3}$ Alternative to MATH 202 is MATH 140 or 171. <br> ${ }^{4}$ For a total of 7 credits-one Biological Sciences [BSCI] and one Physical Sciences [PSCI] course, including one lab course. <br> ${ }^{5}$ All students must complete the International Experience Requirement. Options for completing the requirement can be found in the Carson College of Business Academic Unit section of the catalog under Business or Business Administration (Vancouver). Students should consult with their advisor to determine the best option. <br> ${ }^{6}$ MATH/STAT 212 will be accepted as alternative to MGTOP 215 for transfer students. <br> ${ }^{7}$ Social Science or Humanities Electives (6 credits): Any courses with the [SSCI] or [HUM] designation, or courses in ANTH, ASIA, CES, CRM J, DTC, ECONS, ENGLISH (excluding ENGLISH 402 or 403), FINE ART, FOR LANG, HISTORY, HONORS 270, 280, 370, 380, H D, HUMANITY, PHIL, POL S, PSYCH, SOC, and WOMEN ST not used to fulfill other (including UCORE) requirements. <br> ${ }^{8} 300-400-$ level Accounting ( 3 credits) and or Business Electives ( $6 \underline{3}$ credits): Students must take one Any 300-400-level three-credit ACCTG course, and an additional 300400 -level three-credit course offered by the Carson College of Business with the exception of courses from the CCB core, the set of required accounting courses, or any 498 Internships or 499 Special Fopies Problems courses. |  |
| :---: | :---: | :---: |
| Business | Entrepreneurship (120 Credits) | 8-22 |




|  | Academic Unit section of the catalog under Business (Pullman, Tri Cities) or Business Administration (Vancouver). Students should consult with their advisor to determine the best option. <br> ${ }^{6}$ MATH/STAT 212 will be accepted as alternative to MGTOP 215 for transfer students. <br> ${ }^{7}$ Electives: 300-400-level coursework as needed to meet University requirements of 120 credits and 40 upper-division credits. <br> ${ }^{8}$ Social Science or Humanities Electives (6 credits): Any courses with the [SSCI] or [HUM] designation, or courses in ANTH, ASIA, CES, CRM J, DTC, ECONS, ENGLISH (excluding ENGLISH 402 or 403), FINE ART, FOR LANG, HISTORY, HONORS 270, 280, 370, 380, H D, HUMANITY, PHIL, POL S, PSYCH, SOC, and WGSS not used to fulfill other (including UCORE) requirements. <br> ${ }^{9}$ ENTRP 496 is a year-long course that must be taken both fall and spring semesters. <br> ${ }^{10} 300-400$-level Business Electives ( 6 credits): Any 300-400-level course taught by CCB. May not include courses from the CCB core, the set of required ENTRP courses, or any 498 Internships or 499 Special Topics courses. |  |
| :---: | :---: | :---: |
| Business <br> Revise graduation requirements for BA in Business Administration - Finance | Finance (120 Credits) | 8-22 |
|  | First Year |  |
|  | First Term Credits |  |
|  | B A 1003 |  |
|  | Biological Sciences [BSCI] or Physical Sciences [PSCI] ${ }^{1}$ [ 3 |  |
|  | ECONS 101 [SSCI] or $102[\mathrm{SSCI}]^{2}$ [ 3 |  |
|  | ENGLISH 101 [WRTG] or 105 [WRTG] ${ }^{2} 3$ |  |
|  | MATH 2013 ${ }^{3}$ |  |
|  | Second Term Credits |  |
|  | B A 1021 |  |
|  | Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab) ${ }^{1}$ |  |
|  | ECONS 101 or $102^{2} 3$ |  |
|  | HBM $101^{2}$ ( 1 |  |
|  | HISTORY 105 [ROOT] 3 |  |
|  | MATH 202 [QUAN] ${ }^{4}$ 3 |  |
|  | Complete Carson Career Amplifier Program Tier 1 |  |
|  | Apply for Admission into the Major |  |
|  | Second Year |  |
|  | First Term Credits |  |
|  | ACCTG 230 3 |  |
|  | B A 201, 202, and 203, or B A 211 |  |
|  | $\underline{\text { B A 204, 205, and 206, or B A } 212}$ [ $\underline{3}$ |  |
|  | Humanities [HUM] 3 |  |
|  | MGTOP 215 ${ }^{5}$ |  |
|  | MIS 250 |  |



|  | Complete Carson Career Amplifier Program Tier 4 <br> Footnotes <br> ${ }^{1}$ For a total of 7 credits-one Biological Sciences [BSCI] and one Physical Sciences [PSCI] course, including one lab course. <br> ${ }^{2}$ For Sstudents in the Honors Program: ECONS 198 is an approved substitute for ECONS 101 and 102; COM 102/H D 205/MKTG 279 requirement is waived; HONORS 198 is an approved substitute for HBM 101; ENGLISH 198 is an approved substitute for ENGLISH 101; ACCTG 298 is an approved substitute for ACCTG 230 and 231. Honors students may need to enroll in elective coursework to meet University requirement of 120 credits. <br> ${ }^{3}$ MATH 201 will be waived with an ALEKS score of $80 \%$ or higher, or the completion of MATH 202 or equivalent. MATH 106 will be accepted as an alternative to MATH 201 for transfer students. <br> 4 Alternative to MATH 202 is MATH 140 or 171. <br> 5 MATH/STAT 212 will be accepted as alternative to MGTOP 215 for transfer students. <br> ${ }^{6}$ All students must complete the International Experience Requirement. Options for completing the requirement can be found in the Carson College of Business Academic Unit section of the catalog under Business or Business Administration (Vancouver). Students should consult with their advisor to determine the best option. <br> ${ }^{7}$ Social Science or Humanities Electives (6 credits): Any courses with the [SSCI] or [HUM] designation, or courses in ANTH, ASIA, CES, CRM J, DTC, ECONS, ENGLISH (excluding ENGLISH 402 or 403), FINE ART, FOR LANG, HISTORY, HONORS 270, 280, 370, 380, H D, HUMANITY, PHIL, POL S, PSYCH, SOC, and WGSS not used to fulfill other (including UCORE) requirements. <br> 8 300-400-level Business Elective (3 credits): ECONS 301 or 305, or any 300-400level course taught by CCB, which cannot be from the CCB core, the set of required Finance courses, or any 498 Internships or 499 Special Topics courses. <br> ${ }^{9}$ 300-400-level Finance Electives ( 6 credits): Any 300-400-level FIN course. May not include courses from the CCB Core, the set of required Finance courses, or any 498 Internships or 499 Special Topics courses. <br> ${ }^{10}$ Electives: 300-400-level coursework as needed to meet University requirements of 120 credits and 40 upper-division credits. |  |
| :---: | :---: | :---: |
| Business <br> Revise graduation requirements for BA in Business <br> Administration - International Business | International Business (120 Credits) | 8-22 |



## Complete Carson Career Amplifier Program Tier 3

## Fourth Year

First Term Credits
ENGLISH 402 or 403 ..... 3
Humanities [HUM] ${ }^{9}$ ..... 3
I BUS 480 ..... 3
300-400-level International Business Concentration ${ }^{8}$ ..... 3
Second Term Credits
Arts [ARTS] ..... 3
ECONS 327 or I BUS 470 ..... 3
MGMT 491 [CAPS] or ENTRP 492 [CAPS] ..... 3
300-400-level International Business Concentration ..... 3

Complete Carson Career Amplifier Program Tier 4

## Footnotes

${ }^{1}$ For Sstudents in the Honors Program: ECONS 198 is an approved substitute for ECONS 101 and 102; COM 102/H D 205/MKTG 279 requirement is waived; HONORS 198 is an approved substitute for HBM 101; ENGLISH 198 is an approved substitute for ENGLISH 101; ACCTG 298 is an approved substitute for ACCTG 230 and 231. Honors students may need to enroll in elective coursework to meet University requirement of 120 credits.
${ }^{2}$ Foreign Language Requirement: Approved courses include ARABIC 203-204; CHINESE 203-204; FRENCH 203-204; GERMAN 203-204; ITALIAN 203-204; JAPANESE 203-204; KOREAN 203-204; RUSSIAN 203-204; or SPANISH 203204. Foreign language competency can also be determined by testing out at the intermediate level (tests such as STAMP or LTI) or certification by a WSU faculty member who is a native speaker of the target language. May be taken as part of study abroad. Non-native English speakers and bilingual students should check with department regarding this requirement.
${ }^{3}$ MATH 201 will be waived with an ALEKS score of $80 \%$ or higher, or the completion of MATH 202 or equivalent. MATH 106 will be accepted as an alternative to MATH 201 for transfer students.
${ }^{4}$ Alternative to MATH 202 is MATH 140 or 171.
${ }^{5}$ For a total of 7 credits-one Biological Sciences [BSCI] and one Physical Sciences [PSCI] course, including one lab course.
${ }^{6}$ Study Abroad Requirement: Students must complete a minimum of one semester of at least 11 weeks in length and 12 transferable credits from a pre-approved study abroad program.
${ }^{7}$ MATH/STAT 212 will be accepted as alternative to MGTOP 215 for transfer students.
${ }^{8}$ 300-400-level International Business Concentration or Double Major (9 credits): Students choosing a concentration must complete 9 credits in one of the International Business concentrations: a) Global Trade: ECONS 320, 428, 430, I BUS 415 [M]; b) Sustainable Development: ECONS 320, 326, 427, 428; c) Entrepreneurship: ENTRP 426, 485 [M], 486 [M], 490 [M]; d) Finance: FIN 421, 427 [M], 481 [M]; e) Hospitality Business Management: HBM 381 [M], 490 or 491, 494 [M], I BUS 435; f) Management: MGMT 401 [M], 483 [M], 487; g) Management Information Systems: MIS 372 [M], 374, 420, 441; h) Marketing: I BUS 482 [M], MKTG 407,

|  | 468. Students choosing to double major in another business discipline shou required courses for their second major during this semester. <br> ${ }^{9}$ Humanities or Electives: 300-400-level coursework as needed to meet Univ requirements of 120 credits and 40 upper-division credits. | d take <br> ersity |  |
| :---: | :---: | :---: | :---: |
| Business <br> Revise graduation requirements for BA in Business Administration - Management Information Systems | Management Information Systems (120 Credits) |  | 8-22 |
|  | First Year |  |  |
|  | First Term | Credits |  |
|  | B A 100 | 3 |  |
|  | Biological Sciences [BSCI] or Physical Sciences [PSCI] ${ }^{1}$ | 3 |  |
|  | ECONS $101[\mathrm{SSCI}]$ or $102[\mathrm{SSCI}]^{2}$ | 3 |  |
|  | ENGLISH 101 [WRTG] or 105 [WRTG] ${ }^{2}$ | 3 |  |
|  | MATH 2013 | 3 |  |
|  | Second Term | Credits |  |
|  | B A 102 | 1 |  |
|  | Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab) ${ }^{1}$ | 4 |  |
|  | ECONS 101 or $102^{2}$ | 3 |  |
|  | HBM $101^{2}$ | 1 |  |
|  | HISTORY 105 [ROOT] | 3 |  |
|  | MATH 202 [QUAN] ${ }^{4}$ | 3 |  |
|  | Complete Carson Career Amplifier Program Tier 1 |  |  |
|  | Apply for Admission into the Major |  |  |
|  | Second Year |  |  |
|  | First Term | Credits |  |
|  | ACCTG $230^{2}$ | 3 |  |
|  | B A 201, 202, and 203, or B A 214 | 3 |  |
|  | B A 204, 205, and 206, or B A 212 | $\underline{3}$ |  |
|  | B LAW 210 | 3 |  |
|  | COM 102 [COMM], H D 205 [COMM], or MKTG 279 [COMM] ${ }^{2}$ | 3 or 4 |  |
|  | MIS 250 | 3 |  |
|  | Consider studying abroad this summer ${ }^{5}$ |  |  |
|  | Second Term | Credits |  |
|  | ACCTG $231{ }^{2}$ | 3 |  |
|  | Arts [ARTS] | $\underline{3}$ |  |
|  | B A 201, 202, and 203, or B A 211 | $\underline{3}$ |  |
|  | B A 204, 205, and 206, or B 1212 | 3 |  |
|  | Humanities [HUM] | 3 |  |



|  | HONORS 198 is an approved substitute for HBM 101; ENGLISH 198 is an approved substitute for ENGLISH 101; ACCTG 298 is an approved substitute for ACCTG 230 and 231. Honors students may need to enroll in elective coursework to meet University requirement of 120 credits. <br> MATH 201 will be waived with an ALEKS score of $80 \%$ or higher, or the completion of MATH 202 or equivalent. MATH 106 will be accepted as an alternative to MATH 201 for transfer students. <br> Alternative to MATH 202 is MATH 140 or 171. <br> All students must complete the International Experience Requirement. Options for completing the requirement can be found in the Carson College of Business Academic Unit section of the catalog under Business (Pullman, Tri-Cities) or Business Administration (Vancouver). Students should consult with their advisor to determine the best option. <br> 6 MATH/STAT 212 will be accepted as alternative to MGTOP 215 for transfer students. <br> ${ }^{107}$ Electives: 300-400-level coursework as needed to meet University requirements of 120 credits and 40 upper-division credits. <br> 78 Social Science or Humanities Electives (6 credits): Any courses with the [SSCI] or [HUM] designation, or courses in ANTH, ASIA, CES, CRM J, DTC, ECONS, ENGLISH (excluding ENGLISH 402 or 403 ), FINE ART, FOR LANG, HISTORY, HONORS 270, 280, 370, 380, H D, HUMANITY, PHIL, POL S, PSYCH, SOC, and WOMEN ST not used to fulfill other (including UCORE) requirements. <br> 89 300-400-level Business Electives ( 6 credits): Any 300-400-level courses taught by CCB. May not include courses from the business administration CCB core, the set of required MIS courses, or any 498 Internships or 499 Special Topics courses. include courses from the CCB Core, the set of required MIS courses, or any except 498 Internship or 499 Special Topics courses not used to fulfill major requirements. |  |
| :---: | :---: | :---: |
| \{S\} Business <br> Revise Requirements for MBA <br> International Business <br> Certificate | Certificate in International Business: <br> FIN 581, HBM 535, I BUS 580, I BUS 582, I BUS 600 | 8-22 |
| Civil and Environmental Engineering <br> Revise admission requirements for Bachelor of Science in Civil Engineering | Civil Engineering ( 128 Credits) <br> Admission to the Major Criteria <br> Students may be admitted to the Civil Engineering degree program either in the Department of Civil and Environmental Engineering, on the Pullman campus, or in the School of Engineering and Applied Sciences, on the Tri-Cities campus. There are different admissions benchmarks for incoming students based on their academic standing. <br> Inceming Freshmen whe are ready to take MATH 171 (Calculus 1) or higher are admitted to the major upon making their intentions known to the department. To remain in the major the student must initially pass MATH 171, MATH 172, PHYSICS 201/211, and CE 211 with a grade of $C$ or better and a cumblative WSU GPA of 2.5. Subsequently the student must maintain good academic standing (i.e. 2.0 or higher GPA each term and 2.0 or higher cumulative CE GPA). <br> Incoming Freshmen who are not ready to take MATH 171 | 8-22 |

(Calculus 1) are admitted to the major upen completing MATH 171, MATH 172, PHYSICS 201/211, and CE 211 with a grade of C or better while earning a cumblative WSU GPA of 2.5 or better; and making their intention know to the department. Subsequently, to remain in the major the student must maintain good academic standing (i.e. 2.0 or higher GPA each term and 2.0 or higher eumulative CE GPA).

Incoming transfer students are admitted to the major upon cempleting MATH 171, MATH 172, PHYSICS 201/211, and CE 211 with a grade of $C$ or better while earning a cummlative GPA of 2.5 or better at their previous institution; and making their intention know to the department. Subsequently, to remain in the major the student must maintain good academic standing (i.e. 2.0 or higher GPA each term and 2.0 or higher eumulative CE GPA).

Current WSU students seeking to change their major are admitted to the major upen completing MATH 171, MATH 172, PHYSICS 201/211, and CE 211 with a grade of $C$ or better; while earning a cumulative WSU GPA of 2.5 or better; and making their intention know to the department. Subsequently, to remain in the major the student must maintain good academic standing (i.e. 2.0 or higher GPA each term and 2.0 or higher cumulative CE GPA).

To be admitted to the Civil Engineering major, students must have one of the following:

- An $83 \%$ or higher ALEKS math placement score
- WSU enrollment in MATH 171 or equivalent credit earned with a ' C ' or higher grade
- An AP Calculus score of ' 2 ' or higher (AB or BC exam)

To remain in the Civil Engineering major, students must complete the following benchmarks:

- A grade of ' C ' or better in the following courses:
- MATH 171, MATH 172
- CE 211
- PHYSICS 201 and 211
- A cumulative GPA of 2.5 or higher (or transfer GPA if no WSU GPA exists upon completion of the above courses)

The admission to major benchmarks are the same on all campuses, but the application process may vary. Students should consult with their advisor about their readiness for admission to the major and apply during the semester in which admission requirements will be met.

The admission to the major is only valid for the current campus of
residence. Should a student decide to change campus after admission to the major, they will need to reapply for admission to the major for the campus to which they transfer.

Students who are deficient under the University's Academic Regulations or whose GPA in CE courses falls below 2.0 are subject to loss of eligibility of major. The undergraduate studies committee on each campus will determine the probation conditions for academically deficient students. Students must meet the conditions of their probation during the following semester to remain admitted to the major. Students failing to meet their probationary conditions during the following semester are released from the major.

## Experiential Requirement

To earn a B.S. degree in Civil Engineering, students must complete one of the following experiential requirements:

1. An internship of at least eight weeks duration, with at least one credit of CE 495.
2. A research position of at least eight weeks duration under the supervision of a departmental faculty member or approved mentor, with at least one credit of CE 499.
3. Study abroad for six or more credit hours. International students in the School of Engineering and Applied Sciences will meet this requirement through their study in the United States.
4. Participation in a recognized ROTC program. Veterans in the Department of Civil Environmental Engineering or in the School of Engineering and Applied Sciences will have met this requirement through their prior service in the armed forces.
5. A leadership or service experience of at least one semester, subject to departmental approval, with at least one credit of CE 499.

At least 50 of the total hours required for this degree must be in
 taken on a pass/fail basis. A grade of C or higher in all CE courses used to fulfill major requirements is required for graduation.

Students should consult with their advisor at their campus of residence for approved alternative course sequences and choices as well as allowed substitutions to the schedule of studies listed below. Transfer credit used to satisfy CE course graduation requirements in the major is limited to lower-division credit. All upper-division CE courses must be taken at WSU. However, an exception may be made if a student receives less than a $C$ grade in

|  | one CE course during their last semester at WSU. With approval of the department chair, a student can make up that one course enly at a different institution. At the time of admission to the CE program, all pre-existing upper-division CE coursework from previous institutions can be evaluated by the department for compliance with degree requirements on a case-by-case basis. Following admission to the CE program, all subsequent upperdivision CE courses must be taken at WSU. However, an exception may be made if a student receives less than a C grade in one CE course during their last semester at WSU. With approval of the department chair, a student can make up that one course only at a different institution. |  |
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| \{S\} Communication and Society <br> Drop Bachelor of Arts in Communication and Society, Science Communication |  | 8-21 |
| Economic Sciences <br> Revise graduation requirements for Bachelor of Science in Economic Sciences - Business Economics option | Business Economics (120 Credits) | 8-21 |



|  | 2 MATH 201 will be waived with an ALEKS score of $80 \%$ or higher, or the completion of MATH 202 or equivalent. Alternative to MATH 201 is MATH 106, 172 , or 220. <br> ${ }^{3}$ Alternative to MATH 202 is MATH 171. <br> ${ }^{4}$ ECONS courses not used to fulfill major requirement. <br> 5 Concentrated Area Courses - Completion of three courses from one of the following concentration areas: (1) Agribusiness: ECONS 351, 426, 451; (2) Marketing and Analytics: MKTG 360 , two $300-400-$ level MKTG courses ( 6 credits); (3) Management: MGMT 301, two 300-400-level MGMT courses (6 credits); (4) Supply Chain Management: ECONS 426, MGTOP 340, 452 one $300-400$-level MGTOP or MGMT course. <br> ${ }^{6}$ Minimum 3 credits required. |  |
| :---: | :---: | :---: |
| English <br> Revise requirements for undergraduate Editing and Publishing Certificate | Editing and Publishing Certificate <br> This career-oriented three-track program equips students in all disciplines with a working, practical knowledge in the creative and professional fields of editing and publishing. To earn the certificate, students must complete the following three core courses: DTC 201, ENGLISH 355, 357, and 405 ( 9 credits), plus one ( 3 credit) approved elective from their designated track, the following: ENGL $451,452,453$, or 477 either the digital track (DTC 330, 331, 336, 354, 355, or 475), literary track (ENGLISH 451, 452, or 453), or scholarly/popular track (ENGLISH 255, 363, $364,402,403$, or 495). Students must also complete three 1credit internships from a slate of approved editorial-based positions. The capstone course is a 1 -credit directed study approved by the student's advisor. Students must complete all eoursewerk with a 3.0 GPA or better. | 8-22 |
| Environment Revise requirements for minor in Earth Sciences | Earth Sciences <br> An Earth Sciences minor requires a minimum of $16 \underline{17}$ credits hours. Required courses: SOE 101 or 102, and SOE 210. Restricted electives: at least $12 \underline{9}$ credits hours from SOE 210, 230, $303,315,320,322,340,350,356,357,390,405,412,474,475$, 480. Credit hours for tThe minor must include 9 credits hours of 300-400-level course work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. | 8-21 |
| Environment <br> Revise requirements for minor in Environmental Science | Environmental Science <br> A minor in Environmental Science requires a minimum of 16 credits hours. Students must complete SOE 110, 444, and a minimum of $8 \underline{9}$ additional credits hours selected from SOE 230, $250,275,280,285,300,303,312,315,335,411,412,438,450$, 454 , and 483477 , or any advisor approved elective. Of these 16 credits hours, 9 eredit hours must be in upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. This minor is not open to | 8-21 |


|  | students majoring in Wildlife Ecology and Conservation Sciences or in Environmental and Ecosystem Sciences. |  |
| :---: | :---: | :---: |
| Environment <br> Revise requirements for minor in Forestry | Forestry <br> A minor in Forestry requires a minimum of $16 \underline{19}$ credits hours. Required courses: SOE 204, SOE 300 or BIOLOGY 372, SOE 301, and 305. Restricted electives: at least $5 \underline{6}$ credits hours selected from SOE 304, 306, 420, 435, 446, 450, 461, 464, 484, 485,486 SOLL SCI 368, 468. Credit hours The minor must include 9 credits hours of upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. | 8-21 |
| Environment Revise requirements for minor in Geospatial Analysis | Geospatial Analysis <br> The minor requires a minimum of 16 semester credits including the following core: SOIL SCI 368, 374, and SOIL SCI 468/568; and 6 credits from the following: AGTM 305, 405, CPT S 111, MIS 250, SOE 446, 464, 486 with a minimum GPA of at least 2.0 in the required courses. Exceptional students may take graduate-level courses with instructor permission. Courses used for the minor in geospatial analysis may not be used for the minor in soils sciences. At least 9 hours credits must be $300-400$-level work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. | 8-21 |
| Environment Revise requirements for minor in Wildlife Ecology | Wildlife Ecology <br> The minor in Wildlife Ecology requires a minimum of $19 \underline{17}$ credits hours. Required courses: SOE 310 and 435. Restricted electives: at least $4 \underline{9}$ credits hours from SOE $318,431,441,446$, and 450., and no more than-Electives may include one of BIOLOGY 423, 428, or 432 . Eredits heurs for $\mathfrak{t T h e}$ minor must include 9 credits hours taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. | 8-21 |

