

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 12  
Spring 2019**

**--REQUIREMENTS--**

**Faculty Senate approved April 11, 2019**

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. The text under the heading titled *Proposed* will show strikethroughs for deletions, and underlines for additions, as needed. 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>Agricultural and Food Systems</b> Revise requirements for minor in Agricultural Systems</p>	<p><b>Agricultural Systems</b></p> <p>The minor in Agricultural Systems requires a minimum of 18 <del>hours</del> <u>credits</u>, 9 of which must be upper-division and taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. The requirements are 6 <del>hours</del> <u>credits</u> from ANIM SCI 101, AFS 101, CROP SCI/HORT 102, and SOIL SCI 101; 3 <del>hours</del> <u>credits</u> from CROP SCI/HORT 202, ECONS 101 and SOIL SCI 201; and 3 <del>hours</del> <u>credits</u> each from <u>approved courses in three of four areas: Biotic Influences on Crop Production (CROP SCI 305, ENTOM 343, PL P 429), Economic Aspects of Agricultural Systems (ECONS 350, 351, 352), Sustainability (AFS 336, AGTM 305, SOIL SCI 302, 441, SOIL SCI/AFS 445), and Production (CROP SCI 403, HORT 310, 313, 320, 357, 413, 418, 421).</u> <del>See department for an approved list of courses.</del></p>	<p align="center"><b>8-19</b></p>								
<p><b>Animal Sciences</b> Revise graduation requirements for Bachelor of Science in Animal Sciences - Animal Management</p>	<p><b>Animal Management (120 Hours)</b></p> <p><u>Honors students complete the Honors College requirements, which replace the UCORE requirements.</u></p> <p>A student may certify as an animal sciences major after completion of 24 semester hours, including ANIM SCI 101, and a cumulative GPA of 2.0 or better.</p> <p><b>First Year</b></p> <table border="0"> <tr> <td><b><i>First Term</i></b></td> <td align="right"><b><i>Hours</i></b></td> </tr> <tr> <td>ANIM SCI 101</td> <td align="right">3</td> </tr> <tr> <td>ANIM SCI 180</td> <td align="right">1</td> </tr> <tr> <td>CHEM 101 [PSCI] or 105 [PSCI]</td> <td align="right">4</td> </tr> </table>	<b><i>First Term</i></b>	<b><i>Hours</i></b>	ANIM SCI 101	3	ANIM SCI 180	1	CHEM 101 [PSCI] or 105 [PSCI]	4	<p align="center"><b>8-19</b></p>
<b><i>First Term</i></b>	<b><i>Hours</i></b>									
ANIM SCI 101	3									
ANIM SCI 180	1									
CHEM 101 [PSCI] or 105 [PSCI]	4									

HISTORY 105 [ROOT]	3
MATH Requirement <sup>1</sup>	<u>3 or 4</u>
<b>Second Term</b>	<b>Hours</b>
BIOLOGY 106 [BSCI]	4
CHEM 102 or 106	4
ENGLISH 101 [WRTG]	3
H D 205 [COMM] (recommended) or other [COMM] course	<u>3 or 4</u> or 3
<b>Second Year</b>	
<b>First Term</b>	<b>Hours</b>
Arts [ARTS]	3
BIOLOGY 107 [BSCI]	4
Lab Management Requirement <sup>2</sup>	1
MATH Requirement and /or Electives <sup>1</sup>	6
<b>Second Term</b>	<b>Hours</b>
<u>ANIM SCI 240</u>	<u>3</u>
<del>Business and Economics Course<sup>3</sup></del>	<del>3</del>
<u>Diversity [DIVR]</u>	<u>3</u>
ECONS 101 [SSCI]	3
<del>Humanities [HUM]</del>	<del>3</del>
STAT 212 [QUAN], 412, or PSYCH 311 [QUAN] <sup>43</sup>	3 or 4
Electives	3
Complete Writing Portfolio	
<b>Third Year</b>	
<b>First Term</b>	<b>Hours</b>
ANIM SCI 313	4
ANIM SCI 330	3
ANIM SCI 380	1
<del>ANIM SCI 399 or 499</del>	<del>1</del>
ANIM SCI Group 1 Elective <sup>54</sup>	2 or 3
Business and Economics Course <sup>35</sup>	3
<u>Electives</u>	<u>3</u>
<b>Second Term</b>	<b>Hours</b>
ANIM SCI 350	3
ANIM SCI 351	1
ANIM SCI Group 1 Elective <sup>54</sup>	<u>2 or 3</u>
<u>Business and Economics Course<sup>35</sup></u>	<u>3</u>
<del>Diversity [DIVR]</del>	<del>3</del>
<u>Humanities [HUM]</u>	<u>3</u>
<del>ENGLISH 301 or 402</del>	<del>3</del>

	<p>VET CLIN 361, 367, or VET PH 308 3 or 4</p> <p><b>Fourth Year</b></p> <p><b>First Term</b> <span style="float: right;"><b>Hours</b></span></p> <p>Ag Sciences Elective<sup>6</sup> 3</p> <p>ANIM SCI 464 [CAPS] [M] or 472 [CAPS] [M]<sup>7</sup> 3</p> <p>ANIM SCI Group 2 Electives<sup>8</sup> 6</p> <p>Electives<sup>9</sup> 3</p> <p><b>Second Term</b> <span style="float: right;"><b>Hours</b></span></p> <p>ANIM SCI Group 2 Electives<sup>8</sup> 6</p> <p>Integrative Capstone [CAPS] 3</p> <p>Electives<sup>9</sup> <u>117</u> or 8</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> MATH requirement may be satisfied by completing MATH 106 and 108, 140 [QUAN], <del>or 171 [QUAN], or 202 [QUAN].</del></p> <p><sup>2</sup> Lab Management Requirement courses include (One course): ANIM SCI 166, <del>178, 280 (Spring-only),</del> 172, or 174 (Fall-only), <u>178, 280 (Spring only).</u></p> <p><sup>3</sup> Students who have not yet completed a [QUAN] course should select STAT 212 or PSYCH 311.</p> <p><sup>4</sup> ANIM SCI Group 1 Electives <del>include</del> (Two courses): <u>include</u> ANIM SCI <u>205, 260, 266, 267, 274, 285, 314, 345, 346, 360,</u> and other courses as approved by advisor.</p> <p><sup>5</sup> <del>Approved</del> Business and Economics Electives <del>include</del> (Two courses): <u>include</u> ACCTG 230; B LAW 210; ECONS 330, 335, 350, 351, 352, 450, and other courses as approved by advisor.</p> <p><sup>6</sup> Ag Sciences Electives <del>are:</del> <u>Any level AFS, AFPM, AGTM, CROP SCI, ENTOM, FS, HORT, NATRS, and SOIL SCI</u> course. To meet University requirements for upper division coursework, students may need to select a 300-400 level course.</p> <p><sup>7</sup> ANIM SCI 474 [CAPS][M] may be taken as an alternative in Spring semester.</p> <p><sup>8</sup> ANIM SCI Group 2 Electives (Four courses) must include one [M] course. Students may choose any of the following courses that have not been used to fulfill <del>another</del> requirements: ANIM SCI 314, 345, 346, 360, 378, 408 [M], 440 [M], 451 [M], 454, 460, <u>464 [CAPS][M], 472[CAPS] [M], 473 [M], 474 [CAPS] [M], 478 [M], 485 [M], 488 [M],</u> and other courses as approved by advisor.</p> <p><sup>9</sup> <u>Elective courses should include sufficient credits and 300-400-level coursework to meet the University requirement of 120 credits and 40 credits of upper-division coursework.</u></p>	
<p><b>Animal Sciences</b> Revise graduation requirements for Bachelor of Science in Animal Sciences - Joint Program in Animal Sciences and Veterinary Medicine; change option name to "Accelerated Pre-Veterinary Option"</p>	<p><b><u>Joint Program in Animal Sciences – Accelerated Pre- and Veterinary Medicine Option (100127 Hours)</u></b></p> <p><u>NOTE: Students must complete a minimum of 90 undergraduate credits – including 30 credits of 300-400-level course work - and be accepted into the Veterinary Medicine program to complete this option.</u></p> <p>In order to meet the increasing demand for food-animal veterinarians, the Department of Animal Sciences and the College of Veterinary Medicine have created a combined program designed to train selected, highly qualified students to earn both a Bachelor of Science in Animal Sciences and a Doctor of Veterinary Medicine degree within a seven-year program. Students will take a three-year animal science program,</p>	<p><b>8-19</b></p>

completing all UCOREs, ~~the animal sciences core requirements,~~ and pre-veterinary medicine requirements. This program includes mathematics; chemistry, including organic and biochemistry; general biology; physics; and ~~the core of animal sciences courses,~~ including an introduction to ~~farm animals~~ livestock; then further education in animal ~~feeds and~~ nutrition, breeding and genetics, reproduction, and the economics of animal ~~production~~ management. Students will then enter the College of Veterinary Medicine and complete the requirements for total hours and 300-400-level hours before earning the BS in Animal Sciences. Students will continue the curriculum, leading to the DVM degree after a total of seven years of college work.

~~Students will enter the university under normal procedures and must be advised in the Department of Animal Sciences. Qualified students in the Department of Animal Sciences with high scholastic achievement and demonstrated experience and interest in working with livestock will be invited to apply for the accelerated program. High scholastic achievement and the promise of the same and demonstrated experience and interest in working with farm animals will be the primary criteria for initial invitation. Selected students will be identified and invited to apply for the AS-DVM program after the second semester of the first year. Selected students would then declare animal sciences as a are certified in the major in the first semester of the sophomore year and enter the joint program in that year. The ~~procedures for~~ Application and acceptance procedures for into the DVM program ~~will be~~ are the same as those for other applicants. Successful participants will complete the three-year animal sciences program and begin the veterinary medicine curriculum in their fourth year of study. If the student is not accepted or withdraws from the AS-DVM program, the student is required to complete additional undergraduate course work to ~~could~~ earn the BS in Animal Sciences and/or apply to the College of Veterinary Medicine under normal procedures.~~

~~Fourth-Seventh Years~~

~~Those students finishing all required classes would complete only the DVM curriculum from this point on. Most students will meet these requirements after one year of the DVM program. Successful completion of the College of Veterinary Medicine program will earn the Doctor of Veterinary Medicine.~~

**First Year**

<i>First Term</i>	<i>Hours</i>
ANIM SCI 101	3
ANIM SCI 172, 174, or 178	1

ANIM SCI 180	1
CHEM 105 [PSCI]	4
HISTORY 105 [ROOT]	3
MATH 107 or 140	4
<u>MATH Requirement<sup>1</sup></u>	<u>4</u>
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
BIOLOGY 106 [BSCI]	4
CHEM 106	4
COM 102 [COMM] or H D 205 [COMM]	3
Arts [ARTS]	3
ENGLISH 101 [WRTG]	3
<u>H D 205 [COMM] or Communication [COMM]/[WRTG]</u>	<u>3 or 4</u>
<u>MATH Requirement or Electives<sup>1</sup></u>	<u>2 or 3</u>
<b>Second Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
ANIM SCI Elective <sup>2</sup>	3
BIOLOGY 107	4
CHEM 345	4
Diversity [DIVR]	3
Humanities [HUM]	3
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
<u>ANIM SCI 240</u>	<u>3</u>
<u>Arts [ARTS]</u>	<u>3</u>
ECONS 101 [SSCI]	3
MBIOS 301	4
STAT 212 [QUAN]	4
<del>VET PH 308</del>	4
Complete Writing Portfolio	
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
ANIM SCI 313	4
ANIM SCI 330	3
ANIM SCI 380	1
ANIM SCI 440 [M], 464 [CAPS] [M], 472 [CAPS] [M], or 488 [M] <sup>3</sup>	3
<u>CHEM 370 or MBIOS 303</u>	<u>3 or 4</u>
<del>ECONS 350</del>	3
<del>MBIOS 303</del>	4
<b><i>Second Term</i></b>	<b><i>Hours</i></b>

	ANIM SCI 350 3 ANIM SCI 351 1 ANIM SCI 408 [M], 451 [M], 473 [M], or 474 [CAPS] [M], or 485 [M] <sup>3</sup> 3 ANIM SCI 499 3 ANIM SCI Electives <sup>2</sup> 6 Integrative Capstone [CAPS] 3 PHYSICS 101 4  <b>Fourth Year</b>  <i>First Term</i> <i>Hours</i> <u>DVM coursework</u> 15  <i>Second Term</i> <i>Hours</i> <u>DVM coursework</u> 15  <hr/> <b>Footnotes</b> <sup>1</sup> <u>MATH requirement may be satisfied by completing MATH 106 and MATH 108, MATH 140 [QUAN], or 171 [QUAN].</u> <sup>2</sup> <u>ANIM SCI Electives (9 credits): Any 300-400-level ANIM SCI course not S, F-graded and not used to fulfill other requirements, or as approved by advisor.</u> <sup>3</sup> <u>To fulfill UCORE [CAPS] requirement, must include one of the following courses: ANIM SCI 464 [CAPS], 472 [CAPS], or 474 [CAPS].</u>	
<b>Animal Sciences</b> Revise graduation requirements for Bachelor of Science in Animal Sciences - Pre-Veterinary Medicine/Science	<b>Pre-Veterinary Medicine/Science (120 Hours)</b>  <b>First Year</b>  <i>First Term</i> <i>Hours</i> ANIM SCI 101 3 ANIM SCI 180 1 CHEM 105 [PSCI] 4 HISTORY 105 [ROOT] 3 MATH Requirement <sup>1</sup> 3 or 4  <i>Second Term</i> <i>Hours</i> BIOLOGY 106 [BSCI] 4 CHEM 106 4 ENGLISH 101 [WRTG] 3 MATH Requirement, <u>and/or</u> Electives <sup>1</sup> <del>5</del> 4  <b>Second Year</b>  <i>First Term</i> <i>Hours</i> Arts [ARTS] 3 BIOLOGY 107 4	<b>8-19</b>

CHEM 345	4
COM 102 [COMM] or H D 205 [COMM]	3 or 4
<u>H D 205 [COMM] (recommended) or Communication [COMM]/[WRTG]</u>	<u>3 or 4</u>
<u>Lab Management Requirement</u> <sup>2</sup>	<u>1</u>
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
<u>ANIM SCI 240</u>	<u>3</u>
<u>CHEM 370 or MBIOS 303</u>	<u>3 or 4</u>
Humanities [HUM]	3
<del>Lab Management Requirement</del> <sup>2</sup>	<del>1</del>
<del>MBIOS 303</del>	<del>4</del>
STAT 212 [QUAN], 412, or PSYCH 311 [QUAN] <sup>3</sup>	3 or 4
Electives	3
Complete Writing Portfolio	
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
ANIM SCI 313	4
ANIM SCI 330	3
ANIM SCI 380	1
MBIOS 301	4
200-300-level ANIM SCI Electives <sup>4</sup>	<u>2 or 3</u>
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
ANIM SCI 350	3
ANIM SCI 351	1
Diversity [DIVR]	3
ECONS 101 [SSCI]	<del>4</del> <u>3</u>
PHYSICS 101	4
200-300-level ANIM SCI Electives <sup>4</sup>	<u>2 or 3</u>
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
ANIM SCI 464 [CAPS] [M]; or <u>472 [CAPS][M]</u> <sup>5</sup> , or <del>474 [CAPS][M]</del>	3
ENGLISH 301 or 402 [M]	3
400-level ANIM SCI Electives <sup>5,6</sup>	<u>5 or 6</u>
Electives <sup>7</sup>	<del>3</del> <u>7</u>
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
<del>ANIM SCI 399 or 499</del>	<del>1</del>
BIOLOGY 324, VET CLIN 361, or VET PH 308	3 or 4
Integrative Capstone [CAPS], if needed, or Electives	3

	<p>400-level ANIM SCI Electives [M]<sup>56</sup> 3  300-400-level Electives<sup>7</sup> 79</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> MATH requirement may be satisfied by completing MATH 106 and 108, 140 [QUAN], or 171 [QUAN].</p> <p><sup>2</sup> Lab Management Requirement courses <del>include</del> (One course) include: ANIM SCI 166, <u>172, 174 (Fall only), 178, 280 (Spring only), 172, or 174 (Fall only)</u>.</p> <p><sup>3</sup> Students who have not yet completed a [QUAN] course should select STAT 212 or PSYCH 311.</p> <p><sup>4</sup> <u>200-300-level ANIM SCI Electives:</u> Select two courses from: ANIM SCI 205, 260, 266, <u>267, 274</u>, 285, 314, 345, 346, 360, or as approved by advisor.</p> <p><sup>5</sup> <u>Students may substitute ANIM SCI 474 [CAPS] [M] in the spring.</u></p> <p><sup>56</sup> <u>400-level ANIM SCI Electives:</u> Select three courses from ANIM SCI 408 [M], 440 [M], 451 [M], 454, 460, 464 [M], 472 [M], 473 [M], 474 [M], 478 [M], <u>481, 485 [M], or 488 [M]</u> not used to fulfill a major requirement, or as approved by advisor. Students are required to complete two [M] courses to meet University requirements.</p> <p><sup>7</sup> <u>Elective courses should include sufficient credits and 300-400-level course work to meet the University requirement of 120 credits and 40 credits of upper-division course work.</u></p>	
<p><b>Business</b>  Revise requirements for Master of Business Administration Programs and Certificates; add new certificate in General Business Administration.</p>	<p><b>Master of Business Administration</b></p> <p><b>[Programs:</b> Online Master of Business Administration (OMBA), Online Executive Master of Business Administration (EMBA)</p> <p><b>Certificates:</b> Finance; Hospitality and Tourism; International Business; Marketing; General Business Administration]</p> <p><b>OMBA Program</b></p> <p>The OMBA curriculum is divided into three sections: Foundation, Core, and Electives.</p> <p><b>OMBA Foundation:</b></p> <p>OMBA candidates begin with a foundation in business before taking core coursework. The foundation coursework includes the <del>following</del> <u>following</u> courses <u>listed below</u> <del>or their equivalents</del>. Previous coursework in business may permit the waiving of some or all of these foundation courses: <u>based on course equivalency evaluations.</u></p> <p>ACCTG 550  B A 500  B A 501  B A 502</p>	<p><b>8-19</b></p>



B A 503

B A 504

ECONS 555

(Note that for any course with a non-B A prefix, its course description is listed under the department that offers the course.) Students who complete the foundation curriculum at WSU with the required GPA are eligible to receive a certificate in General Business Administration. See the certificate requirements for specific information.

**OMBA Program Curriculum (~~32~~ 36 Credits)**

A minimum cumulative GPA of 3.0 is required for the MBA degree.

**Core Curriculum (~~23~~ 27 credits)**

ACCTG 533

B A 514

FIN 526

MIS 580

MKTG 506

MGMT 590

MGMT 593

B A 579 (~~3~~ 4credits)

B A 599 (1 credit)

B A 600 (1 credit)

~~B A 702 (2 credits)~~

**Electives (9 credits):** ~~Students are encouraged~~ may choose to take an array of electives or to concentrate in a one of the following specific areas. Approved courses include BA 595, 597, FIN 521, 527, 528, 581, HBM 535, 581, 582, I BUS 580, 582, 600, MKTG 507, 561, 565, 577. Each elective course in the concentration area must be passed with a 3.0 or better GPA ~~*Business Analytics:* MKTG 555; MGMT 556; MIS 557. *Finance:* FIN 521; FIN 527; FIN 528; FIN 581. *Hospitality and Tourism:* HBM 535; HBM 581; HBM 582. *International Business:* FIN 581; I BUS 580; I BUS 582; I BUS 600. *Marketing:* I BUS 582; MKTG 507; MKTG 561; MKTG 565;~~

~~MKTG 577. *Stakeholder Leadership*: ACCTG 541; ACCTG 542; ACCTG 546; B A 520; MGMT 585; MGMT 587; MGMT 589; MKTG 565. *Technology Management*: ENTRP 501; MIS 580; MGTOP 540; MGTOP 581; MGMT 589; MKTG 561.~~  
Students who complete a concentration qualify for a certificate in that area. Not all courses or concentrations areas are available on all campuses at all times.

## **EMBA Program**

### **EMBA Program (44 ~~42~~ credits)**

A minimum cumulative GPA of 3.0 is required for the Executive MBA degree. Foundation courses are not required for the Executive MBA. ~~The EMBA curriculum offers the following courses, all of which are required. No electives are offered.~~

ACCTG 533

B A 514

FIN 526

I BUS 580

I BUS 600, ~~or~~ MGTOP 587, B A 595 or 597

MIS 572

MIS 580

MKTG 506

MGMT 588

MGMT 590

MGMT 593

MGTOP 581

B A 579 (6 credits)

B A 599 (1 credit)

B A 600 (1 credit)

B A 702 (2 credits)

## **Certificates**

The Carson College of Business offers certificates for graduate, professional, and MBA students concentrating in specific areas.

	<p><u>Admissions to the elective certificates is the same as admission to the MBA program. Students must complete a minimum of 9 credits (except for the General Business certificate, which requires seven courses) and earn a cumulative 3.0 GPA with no grades below C in the concentration to earn a certificate. The elective series in the OMBA may be used to earn a certificate.</u></p> <p><b><u>Certificate in Finance:</u></b>  <u>FIN 521, FIN 527, FIN 528, FIN 581</u></p> <p><b><u>Certificate in Hospitality and Tourism:</u></b>  <u>HBM 535, HBM 581, HBM 582</u></p> <p><b><u>Certificate in International Business:</u></b>  <u>FIN 581, I BUS 580, I BUS 582, I BUS 600</u></p> <p><b><u>Certificate in Marketing:</u></b>  <u>I BUS 582, MKTG 507, MKTG 561, MKTG 565, MKTG 577</u></p> <p><b><u>Certificate in General Business Administration:</u></b>  <u>ACCTG 550, B A 500, 501, 502, 503, 504, ECONS 555 (Students with previous coursework in statistics and/or economics may not be required to complete B A 500 and/or ECONS 555)</u></p>	
<p><b>Chemical Engineering and Bioengineering</b>  Revise graduation requirements for Bachelor of Science in Chemical Engineering - General option</p>	<p><b>Chemical Engineering – General (127 <u>124</u> Hours)</b></p> <p>At least <del>66</del> <u>63</u> of the total hours required for this degree must be in 300-400-level courses.</p> <p><b>Criteria for Certification – Chemical Engineering Program</b></p> <ol style="list-style-type: none"> <li>1. In September of each year, the faculty of the School of Chemical Engineering and Bioengineering will establish the total number of students (January, June, and August) to be certified into the chemical engineering program.</li> <li>2. Each student will be considered for certification during the semester after <del>she/he has completed</del> all of the following courses <u>are completed</u>: MATH 171, MATH 172, MATH 273; CHEM 105, CHEM 106, CHEM 345, PHYSICS 201, CHE 201.</li> </ol>	<p><b>8-19</b></p>

3. To be certified, each student must meet the following ~~minimum requirements~~ requirements:
  - a. 2.0 cumulative GPA.
  - b. A “C” grade or better in each of the courses listed in 2) above.
  - c. Be in good academic standing (semester GPA 2.00 or higher) at the time they are being considered for certification.
4. Certification decisions will be made at the end of Fall, Spring, and Summer terms. Those being certified at the end of Fall term will be notified by January 15, those being certified at the end of Spring term will be notified by June 1, and those being certified at the end of Summer term will be notified by August 15.
5. If the number of students seeking certification exceeds the program capacity, as determined in 1) above, additional criteria will be used to select those who are certified. Those criteria include:
  - a. grade received in CHE 201;
  - b. average GPA in the courses listed in 2) above;
  - c. the GPA earned during the previous semester;
  - d. cumulative GPA.
6. Students who have completed all the courses listed in 2) above, but who are not certified will be notified of the decision according to the time table described in 4) above. Such students who are not certified may appeal the decision. The appeal should describe any special circumstances which should be considered. A faculty committee will consider the appeal, the special circumstances described, and trends in the grades (e.g. trends in grades and/or withdrawals, typical course load attempted and typical course load completed) and make a final decision regarding certification. The appeal must be submitted within 2 weeks of the notification described in 4) above. The appeal will be considered and a decision made by February 15, July 1, and September 15, ~~depending on the term.~~
7. Students who are deficient under the University’s ~~Educational Policies and Procedures~~ Academic Regulations are subject to decertification. Recertification will be granted only under rare, extenuating conditions.
8. Certification Guarantee: Students who have completed the courses noted in 2) above with an average GPA of at least 3.2, who have an overall GPA of at least 3.2 in the courses that have been taken that are required in the major, and who have not repeated any required course, are guaranteed certification.

**Graduation Requirements**

No Washington State University courses listed in this schedule of study may be taken on a pass/fail basis. With the exception of CHE 488, 495, 498, 499 and ENGR 489, all listed CHE courses, required electives, and the prerequisites to these courses must be completed with a grade of C or better.

**First Year**

<i>First Term</i>	<i>Hours</i>
<u>CHE 101</u>	<u>1</u>
CHEM 105 [PSCI]	4
Diversity [DIVR]	3
ECONS 101 [SSCI] or 102 [SSCI]	3
HISTORY 105 [ROOT]	3
MATH 171 [QUAN]	4

<i>Second Term</i>	<i>Hours</i>
BIOLOGY 106 [BSCI], 107 [BSCI], or 110 [BSCI]	3 or 4
CHE 110	2
CHEM 106	4
ENGLISH 101 [WRTG]	3
MATH 172	4

**Second Year**

<i>First Term</i>	<i>Hours</i>
CHE 201	3
CHEM 345	4
Humanities [HUM]	3
MATH 273	2
PHYSICS 201	4

<i>Second Term</i>	<i>Hours</i>
CHE 211	3
CHEM 348 or MBIOS 303	4
MATH 220	2
MATH 315	3
PHYSICS 202	4
Complete Writing Portfolio	

**Third Year**

<i>First Term</i>	<i>Hours</i>
Arts [ARTS]	3
CHE 301	3
CHE 310	3

	<p>CHEM 331 3</p> <p>CHEM 333 or 334 [M] 1 or 2</p> <p><u>CHE or Technical Elective<sup>1,2</sup></u> 3</p> <p><del>Technical Elective<sup>+</sup></del> 3</p> <p><b><i>Second Term</i></b> <b><i>Hours</i></b></p> <p>CHE 321 3</p> <p>CHE 332 3</p> <p>CHE 334 3</p> <p><del>CHE 352</del> 3</p> <p>CHE 498 1</p> <p><u>ENGLISH 402 [WRTG] [M]</u> 3</p> <p>STAT 423 3</p> <p><b>Fourth Year</b></p> <p><b><i>First Term</i></b> <b><i>Hours</i></b></p> <p><u>CHE 352</u> 3</p> <p>CHE 432 [M] 3</p> <p>CHE 441 3</p> <p>CHE 450 3</p> <p><u>ECONS 101 [SSCI] or 102 [SSCI]</u> 3</p> <p><del>ENGLISH 402 [WRTG] [M]</del> 3</p> <p><del>CHE Elective<sup>2</sup></del> 3</p> <p><b><i>Second Term</i></b> <b><i>Hours</i></b></p> <p>CHE 433 [M] 2</p> <p>CHE 451 [M] [CAPS] 3</p> <p><del>CHE 498</del> 4</p> <p>CHE Elective<sup>1</sup> 6</p> <p><u>CHE or Technical Elective<sup>1,2</sup></u> 3</p> <p><del>Technical Elective<sup>+</sup></del> 3</p> <p>Exit Interview</p> <hr/> <p>Footnotes</p> <p><sup>1</sup> CHE Electives (9 credits): Any 400-level course not used to fulfill major requirements. A maximum of 3 credits is allowed in CHE 488, 495, and 499 combined.</p> <p><sup>2</sup> Technical Elective (3 credits): <u>MSE 201 or a</u>Any 300-400-level BIO ENG, CHEM, CHE, CE, E E, ENGR, MATH, ME, MSE, or PHYSICS course as approved by advisor.</p>	
<p><b>Design and Construction</b> Revise requirements for minor in Architectural Studies</p>	<p><b>Architectural Studies</b></p> <p>The minor in architectural studies requires a minimum of 18 <del>hours</del> <u>credits</u> of which at least 9 must be upper-division and taken in residence at WSU or through WSU-approved education abroad or</p>	<p><b>8-19</b></p>

	<p>educational exchange courses. To be eligible to apply for the minor a student must have <del>ARCH 101</del> <u>completed SDC 120</u> and <u>have a minimum cumulative GPA of 2.50 3.00</u>. <del>The minor is limited to 10 students per year.</del> <u>The required courses are</u> <u>Additional requirements include: ARCH 103, 209, 309, 201 or 324, SDC 140, 250, 350;</u> and <u>6 3 hours credits of upper-division architectural-emphasis 300-400-level ARCH coursework.</u></p>																									
<p><b>English</b> Convert the Linguistics plan (major) under the Bachelor of Arts in Humanities to a Linguistics sub-plan (option) under the Bachelor of Arts in English and revise the graduation requirements for the Linguistics option.</p>	<p><del><i>Humanities-English - Linguistics Major Option (120 Hours)</i></del> <del>L. Gordon N. Bell, Coordinator</del></p> <p>A student in the <del>BA</del> <u>Bachelor of Arts in Humanities English - Linguistics major option</u> may expect a broad liberal education in literature, anthropology, mathematics, and philosophy around a core of language. The student will gain a substantial familiarity with several languages and types of linguistic structure and will become conversant with formal theories of linguistic analysis. Students who <u>complete the major option</u> in linguistics will earn a Bachelor of Arts in <u>Humanities English</u> degree.</p> <p>The <del>major in</del> <u>linguistics option</u> requires <u>40-45 credits hours</u>, variously distributed in the following sequence, depending upon the special emphasis which the student and advisor <u>select together select</u>.</p> <p><b>First Year</b></p> <table data-bbox="472 1266 1369 1524"> <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>ENGLISH 101 [WRTG]</td> <td>3</td> </tr> <tr> <td>Humanities [HUM]</td> <td>3</td> </tr> <tr> <td>Quantitative Reasoning [QUAN]</td> <td>3</td> </tr> <tr> <td>Electives</td> <td>3</td> </tr> </tbody> </table> <table data-bbox="472 1556 1369 1850"> <thead> <tr> <th><i>Second Term</i></th> <th><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>Communication [COMM] or Written Communication [WRTG]</td> <td>3</td> </tr> <tr> <td><u>ENGLISH 256 [SSCI]</u></td> <td><u>3</u></td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td>3</td> </tr> <tr> <td><del>Linguistics Elective<sup>2</sup></del></td> <td><del>3</del></td> </tr> <tr> <td>Physical Sciences [PSCI] with lab or SCIENCE 102 [SCI]<sup>1</sup></td> <td>4</td> </tr> </tbody> </table> <p><b>Second Year</b></p>	<i>First Term</i>	<i>Hours</i>	Biological Sciences [BSCI] with lab or SCIENCE 101 [SCI] <sup>1</sup>	4	ENGLISH 101 [WRTG]	3	Humanities [HUM]	3	Quantitative Reasoning [QUAN]	3	Electives	3	<i>Second Term</i>	<i>Hours</i>	Communication [COMM] or Written Communication [WRTG]	3	<u>ENGLISH 256 [SSCI]</u>	<u>3</u>	HISTORY 105 [ROOT]	3	<del>Linguistics Elective<sup>2</sup></del>	<del>3</del>	Physical Sciences [PSCI] with lab or SCIENCE 102 [SCI] <sup>1</sup>	4	<p><b>8-19</b></p>
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<b><i>First Term</i></b>	<b><i>Hours</i></b>
Arts [ARTS]	3
<u>Diversity [DIVR]</u>	<u>3</u>
<u>Linguistics MATH, CPT S, PSYCH, or STAT Elective</u> <sup>32</sup>	3
Linguistics <u>PHIL</u> Elective <sup>2</sup>	3
<del>Social Sciences [SSCI]</del>	<del>3</del>
Foreign Language, if necessary <u>needed</u> , or Elective <sup>3,4</sup>	3 or 4
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
Arts [ARTS], Humanities [HUM], or Social Sciences [SSCI]	3
<u>ENGLISH 444</u>	<u>3</u>
Linguistics <u>Core</u> Electives <sup>25</sup>	<u>6</u> <u>3</u>
<del>PHIL</del> Elective	<del>3</del>
Foreign Language, if necessary <u>needed</u> , or Elective <sup>3,4</sup>	3 or 4
<u>Electives</u> <sup>4</sup>	<u>3</u>
Complete Writing Portfolio	
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
<u>ENGLISH 456 [M]</u>	<u>3</u>
<del>Linguistics</del> Elective <sup>2</sup>	<del>3</del>
300-400-level FOR LANG Elective <sup>32</sup>	3
<u>Linguistics</u> Emphasis Elective <sup>2</sup>	3
Electives <sup>5</sup>	6
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
<del>[M]</del> Course	<del>3</del>
<del>Diversity [DIVR]</del>	<del>3</del>
ENGLISH 443 <del>OR 444</del>	3
300-400-level FOR LANG <del>Elective</del> Elective <sup>32</sup>	3
<u>Linguistics</u> Emphasis Elective <sup>2</sup>	<u>3</u>
<del>Emphasis</del> Electives <sup>34</sup>	<del>4</del> <u>6</u>
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Hours</i></b>
<u>PHIL 443</u> [M] <del>Course</del>	3
<del>ENGLISH 443 OR 444</del>	<del>3</del>
<u>Linguistics</u> Core Elective <sup>5</sup>	<u>3</u>
300-400-level Electives <sup>4</sup>	9
<b><i>Second Term</i></b>	<b><i>Hours</i></b>
<u>ENGLISH 457</u>	<u>3</u>



	<p>Integrative Capstone [CAPS] 3</p> <p><u>Linguistics Emphasis Elective<sup>2</sup></u> 3</p> <p>300-400-level Electives<sup>4</sup> 127</p> <hr/> <p><b>Footnotes</b></p> <p><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.</p> <p><sup>2</sup> <u>Linguistics Electives: minimum 19 21 credits required, with a minimum of 12 credits from 300-400-level courses. Coursework must include: a) a minimum of 3 credits selected from CPT S 111, 121, 401, 440, 443, MATH 140, 171, 172, 182, 202, 273, 283, PSYCH 311, STAT 205, 212, 360, 443; in MATH, CPT S, or STAT; b) minimum of 3 credits in PHIL 201, 401, 499; and c) minimum of 6 credits in Foreign Language 300-400 level FOR LANG courses; and d) Emphasis Electives: Remaining courses should be taken in an area of emphasis and chosen in consultation with an advisor to include sufficient upper division 300-400-level coursework to meet the 40-credit University requirements. Approved courses include any unused Linguistics Elective or Linguistics Core Elective. COMSOC 321, 421, CPT S 111, 121, 401, 440, 443; ENGLISH 546, any 300-400-level unused FOR LANG course, MATH 106 and 108, 140, 151, 171, 172, 182, 202, 206, 273, 283, MATH/STAT 205, 212, 360, 443; PHIL 201, 401, 443, 499; PSYCH 490, 492; SHS 371; TCH LRN 333, and TCH LRN 414.</u></p> <p><sup>3</sup> <u>Two years of high school foreign language or at least two semesters of college-level foreign language are required by the College of Arts and Sciences for graduation.</u></p> <p><sup>4</sup> <u>Electives: Students in this major are encouraged to pursue a second major, minor, or certificate and should speak to their advisor about complementary options.</u></p> <p><sup>4</sup> <u>Choose from ENGLISH 456, PHIL 443, SOC 317.</u></p> <p><sup>2,5</sup> <u>Linguistics Core Electives: 15 hours or more minimum of 6 credits to be selected from ANTH/FOR LANG 350, ANTH 450, 499; ENGLISH 112, 255, 256, 454, 456, 457, 458, 499, FOR LANG 101.</u></p>	
<p><b>Human Development</b> Revise requirements for certificate in Human Services Case Management and Administration</p>	<p><b>Human Services Case Management and Administration</b></p> <p>The Certificate in Human Services Case Management and Administration, administered by the Department of Human Development, is designed to assist students in building a theoretical and applied understanding of working with people in a variety of human service settings including, but not limited to, social service agencies, health care agencies, non-profits, and educational institutions. Students are able to concentrate on either case management, which is focused on those wanting to work with clients, or administration, which is developed for those interested in managerial and supervisory roles.</p> <p>To be admitted into the Certificate Program, students must be (1) certified in their WSU major or be a non-degree-seeking student, (2) have at least a cumulative GPA of 2.0, and (3) completed 60 semester credits. The certificate is awarded based upon successful completion</p>	<p><b>8-19</b></p>

	<p>of 9 credits of core courses: <u>H D 301 or 403, H D 385, H D 430, MGMT 301 or PSYCH 308, and 9 credits of either Case Management or Administration focus electives. Case Management focus electives: CRM J 365/SOC 367, CRM J 403, H D 300, 350, 360, 410, 498, POL S 436, PSYCH 110, 333, 444. Administration focus electives: ACCTG 230, 231, H D 334, 479, 498, MGMT 401, 450, MKTG 379, POL S 436, 442, 445, PSYCH 308, 309.</u><del>6 courses (at least 3 credits each for a total of 18 semester credit hours). A final grade of “C” or better is required for each course to be applied to the certificate and 15 of the 18 credits must be taken. Credit hours for the certificate must include at least nine hours of upper division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. Students must obtain approval of their course selections from the program chair in Human Development.</del></p>	
<p><b>Teaching and Learning</b> New undergraduate certificate in Education Technology</p>	<p><b>Certificate in Education Technology</b></p> <p>The WSU College of Education undergraduate certificate in Education Technology allows students to develop skills and obtain documentation that will help them obtain positions that require knowledge of and experience with education technology. The course work comprises 15 credits that address International Society for Technology in Education (ISTE), TESOL, and disciplinary standards, and it focuses on developing knowledge and skills for working with diverse students and communities. The required course work emphasizes research, theoretical, and practical issues concerning effective uses and affordances of technologies and the implementation of appropriate classroom teaching techniques.</p> <p>To earn the certificate, students must complete 12 credits of required course work and one elective for a total of 15 credits. Required courses include: TCH LRN 445 or 466; 416, 417, 419; and 1 credit of TCH LRN 499. Approved elective courses include DTC 201, 206, 354, ENGLISH 342 and SPEC ED 495, or as approved by department. The prerequisite for TCH LRN 445 and 466 is admission</p>	<p><b>8-20</b></p>

	<p>to the teacher education program or an undergraduate program in the College of Education or status as an in-service teacher/teacher education program graduate. TCH LRN 445 or 466 are prerequisites for all other required TCH LRN courses.</p>	
<p><b>Undergraduate Education</b> Revise requirements for Global Leadership Certificate</p>	<p><b>Global Leadership Certificate</b></p> <p>Undergraduate Education offers the Global Leadership Certificate, in partnership with the Office of International Programs. The Global Leadership Certificate is structured around coursework and co-curricular experiences that empower students to analyze, adapt, communicate, problem-solve, and empathize in a variety of professional and personal networks. Taken together, the academic and co-curricular components build self-reliance, leadership and team skills in a global framework.</p> <p><b><u>Requirements for the Global Leadership Certificate (4 sections, 15 credits total):</u></b></p> <p>1) <i>Four (4) Courses (12 credits)</i> A minimum of four globally-related courses (twelve credits) may be applied to fulfill the academic coursework requirement for the Global Leadership Certificate. At least six credits must be taken at the 300-400 level. Approved courses include but are not limited to ANTH 203, 316, 418, COM 105, COMSOC 321, ECONS 101, <del>ENVR S 101</del>, FINE ART 202, I BUS 380, POL S 103, <del>418, 427</del>, <u>SOE 110</u>, WOMEN ST 332; or as approved by advisor. Courses taken during an education abroad experience may also be applied, as well as up to four credit hours of foreign language at or above the 200 level.</p> <p>2) <i>Leadership in a Global Context (1 credit, UNIV 497)</i> <u>All students will complete the section of UNIV 497, Peer Leadership, specifically designed to fulfill requirements for the Global Leadership Certificate.</u></p> <p>23) <i>Experiential Learning (1 credit; <del>UNIV 490</del>, UNIV 493)</i> <u>Experiential global learning may occur “at home or abroad.” This course enables students to develop skills to extend and apply that learning to enhance global self-awareness, intercultural competency, and professional preparation.</u></p> <p><del>Students will fulfill the experiential requirement in one of two ways:</del></p>	<p><b>8-19</b></p>

~~A. **Intensive** An intensive experience is one in which students are immersed in an international or domestic globally related program or project for a specific period of time. These experiences include but are not limited to participation in education abroad, international or domestic academic research/internship/service learning, or an alternative spring break program. The intensive experience must be at least one week in duration and engage the student in a minimum of 45 hours.~~

~~B. **Sustained** A sustained experience is one in which students participate “at home” over the course of one semester in globally related service learning that engages them in a complex global issue such as poverty, hunger, health, economic development, or sustainability. Student may also fulfill the sustained experience through an approved globally related internship or volunteer experience. Sustained experiences must be a minimum of 45 hours occurring within one semester.~~

~~3) *Leadership in a Global Context (1 credit, UNIV 497)*~~

~~All students will complete the section of UNIV 497, Peer Leadership, specifically designed to fulfill requirements for the Global Leadership Certificate.~~

~~4) *Integrative Capstone (1 credit, UNIV 491)*~~

~~Completion of the Integrative Capstone course enables the student to plan and design a project that advances their global leadership knowledge, experiences, and skills.~~

~~**For additional information, contact the Director department of Global Learning in the Office of International Programs.**~~