

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 8  
Spring 2024**

**--REQUIREMENTS--**

Faculty Senate approved April 4, 2024

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>Department</b>	<b>Proposed</b>	<b>Effective Date</b>
<p><b>Design and Construction</b> Revise requirements for BS in Construction Management</p>	<p><b>Construction Management Program (120 Credits)</b></p> <p>Construction Management (CM) is a four-year program structured into one year of pre-professional coursework and three years of major (professional) coursework. Professional program courses begin in second year fall. Due to the sequential nature of courses there are no spring admits.</p> <p>To be considered for admission into the CM program, a student must have completed at least 31 semester hours of pre-professional coursework including the following courses (or their approved equivalents): CST M 102, Communication [COMM], ECONS 101 and 102 [SSCI], ENGLISH 101 [WRTG], SOE 101 [PSCI], HISTORY 105 [ROOT], Humanities [HUM] or Diversity [DIVR], MATH 171 [QUAN], and SDC 100 [ARTS], each with a grade of C or better and an overall GPA of 3.3 or higher.</p> <p>Students not meeting the admission to major criteria above will be considered until enrollment limits are reached. Average enrollment limit into the second year of the construction management major is 50 students. Completion of all pre-professional coursework does not guarantee acceptance into the professional program. Students are encouraged to work with SDC advisors to identify an alternate major should they not be admitted to their primary choice of major.</p> <p>Transfer Students A limited number of transfer students are considered each year. Requirements include completion of the pre-professional courses (or approved equivalents). Emphasis is given to cumulative GPA.</p> <p>Schedule of Studies The plan below is a suggested path to completion of the construction management degree. Students will meet with an advisor each semester to confirm academic schedule and monitor progress towards graduation.</p> <p>Students are required to earn a grade of C or better in all major courses required</p>	<p><b>5-24</b></p>

for the degree (CST M 102, 201, 202, 222, 252, 254, 332, 333, 356, 362, 368, 370, 371, 451, 460, 462, 473, 475, 483; ARCH 351, 352, 463)

**First Year**

<i>First Term</i>	<i>Credits</i>
Pre-Professional Program (1st Year)	
Communication [COMM]	3
ECONS 101 [SSCI]	3
HISTORY 105 [ROOT]	3
SDC 100 [ARTS]	3
SOE 101 [PSCI]	4

<i>Second Term</i>	<i>Credits</i>
CST M 102 <sup>1</sup>	2
ECONS 102	3
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
UCORE Inquiry <sup>2</sup>	3

**Second Year**

<i>First Term</i>	<i>Credits</i>
Professional Program (2nd - 4th Years)	
ARCH 351	3
CST M 222	2
CST M 201	3
CST M 254	2
PHYSICS 101 OR 201	3
PHYSICS 111 OR 211	1

<i>Second Term</i>	<i>Credits</i>
ACCTG 220	3
ARCH 352	3
B LAW 210	3
CST M 202	3
CST M 252	4
Complete Writing Portfolio	

**Third Year**

<i>First Term</i>	<i>Credits</i>
C E 302	2
CST M 332	3
CST M 362 [M]	3

	<p>CST M 370 3</p> <p>CST M 451 3</p> <p><b>Second Term Credits</b></p> <p>CST M 333 3</p> <p>CST M 356 3</p> <p>CST M 368 3</p> <p>CST M 371 3</p> <p>CST M 483 3</p> <p><b>Fourth Year</b></p> <p><b>First Term Credits</b></p> <p>ARCH 463 3</p> <p>CST M 460 3</p> <p>CST M 462 3</p> <p>MGMT 301 3</p> <p>300-400-level CST M Elective 3</p> <p><b>Second Term Credits</b></p> <p>CST M 473 3</p> <p>CST M 475 [CAPS] [M] 3</p> <p>UCORE Inquiry<sup>2</sup> 6</p> <p>300-400-level Business Elective<sup>3</sup> 3</p> <p>Complete Senior Exit Survey</p> <hr/> <p>Footnotes</p> <p><sup>1</sup> Transfer students from community colleges or institutions outside WSU may test out of CST M 102 via an application from the School of Design and Construction.</p> <p><sup>2</sup> Must complete 3 of these 4 UCORE designations: BSCI, DIVR, EQJS, HUM.</p> <p><sup>3</sup> Business Elective: Any 300-400-level ACCTG, B LAW, ECONS, ENTRP, FIN, <del>HBM</del>, I BUS, MGMT, MGTOP, MIS, or MKTG course. Another course may be approved in consultation with Construction Management Program Head.</p>	
<p><b>Economic Sciences</b></p> <p>Revise requirements for minor in Business Economics</p>	<p><b>Business Economics</b></p> <p>To be admitted to the business economics minor, students must have a cumulative 2.0 GPA. A minor in Business Economics requires 18 credits of ECONS courses, nine of which must be at the 300-400 level and taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. Specific course requirements are ECONS 101 and 102 (or <u>ECONS 198 and 181</u> a <del>300-400-level ECONS course</del>); one of ECONS 305, 321, or 323; one of ECONS 320, or 404; one of ECONS 326 or 327; and one of ECONS 352, or MGTOP 470. A 2.0 GPA is required in the minor and no courses may be taken pass/fail.</p>	<b>8-24</b>
<p><b>Economic Sciences</b></p>	<p><b>Economics</b></p>	<b>8-24</b>

<p>Revise requirements for minor in Economics</p>	<p>To be admitted to the economics minor, students must have a cumulative 2.0 GPA. A minor in Economics requires 18 credits of ECONS courses, nine of which must be at the 300-400-level taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. ECONS 101 and 102 (or <u>ECONS 198 and 181</u> <del>a 300/400-level ECONS courses</del>), and 302 or 320 are required. In addition, ECONS 301 or 305, and two 300-level or higher ECONS electives are required (only three hours of ECONS 497 or 499 may be used to fulfill the upper-division ECONS electives requirement). A 2.0 GPA is required in the minor and no courses may be taken pass/fail.</p>	
<p><b>Economic Sciences</b> Revise requirements for minor in Sustainable Development</p>	<p><b>Sustainable Development</b></p> <p>The program offers a minor in sustainable development. The minor is comprised of ECONS 326, one course from each of the following four aspect areas: policy, history, and theory (HISTORY 409, 494, PHIL 370, POL S 430, PSYCH 466, SOE 335 <del>[M]</del>, or 438); environmental (ARCH 490, 494, BIOLOGY 330, 372 <del>[M]</del>, CE 401, CROP SCI 360, SOE 110, 285, 300, 303, or 483); social/cultural (ANTH 203, 309, ANTH/SOC 418, SOC 331, 332, 415, 430, SOE 312, WGSS 332, or WGSS 460); economic (ECONS 330, 427, 428, 430, 431, <u>or I BUS 380, or I BUS 496</u>); and one additional course from any of the aspect areas. The minor requires 18 credits, with at least 9 credits at the 300-400 level taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. A 2.0 GPA is required in the minor and no courses may be taken pass/fail. Students wishing to apply for the minor may do so with the School of Economic Sciences.</p>	<p><b>8-24</b></p>
<p><b>Languages, Cultures, and Race</b> Revise requirements for BA in Comparative Ethnic Studies</p>	<p><b>Comparative Ethnic Studies (120 Credits)</b></p> <p>The BA in Comparative Ethnic Studies offers a unique opportunity to study the social, economic, and political forces that have shaped the historic experience of diverse ethnic communities in the United States over the past 500 years and that continue to determine our future. CES embraces interdisciplinary, comparative, and transnational approaches to studying race relations and the intersectionality of race, gender, class, sexuality, and globalization. The program offers a major and two minors; it is preparatory for careers and future study in teaching, social work, law school, community development and nonprofit work.</p> <p>Students must complete a minimum of 36 credits in the major, as outlined in the program of studies. An overall 2.0 major GPA is required. <u>Students must complete CES Foundational courses and a series of CES Comparative courses from the list of offerings outlined below.</u> <del>A list of approved CES Sub-core and CES Electives are outlined below.</del> Students must also satisfy the <u>University's Writing and UCORE requirements</u>, College of Arts and Sciences graduation requirements, and take at least 40 of the total 120 semester credits in 300 – 400 level courses. Students are admitted to the Comparative Ethnic Studies major upon making their intentions known to the School of Languages, Cultures, and Race.</p> <p><b>First Year</b></p>	<p><b>8-24</b></p>

<b><i>First Term</i></b>	<b><i>Credits</i></b>
Arts [ARTS]	3
CES 201	3
ENGLISH 101 [WRTG]	3
Quantitative Reasoning [QUAN]	3 or 4
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
Communication [COMM] or Written Communication [WRTG]	3
Diversity [DIVR]	3
Equity and Justice [EQJS]	3
HISTORY 105 [ROOT]	3
Social Sciences [SSCI]	3
<b>Second Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
Biological Sciences [BSCI] with lab <sup>1</sup>	4
CES <del>Elective</del> <u>Foundational</u> <sup>2</sup>	3
Foreign Language and/or Electives	6
Humanities [HUM]	3
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
CES <del>Elective</del> <u>Foundational</u> <sup>2</sup>	3
Foreign Language and/or Electives	6
Physical Sciences [PSCI] with lab <sup>1</sup>	4
Electives	3
Complete Writing Portfolio	
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
CES 301 [M]	3
<u>CES Comparative</u> <sup>3</sup>	<u>3</u>
<u>CES Foundational</u> <sup>2</sup>	<u>6</u>
<del>300-400-level CES Elective</del> <sup>2</sup>	<del>3</del>
<del>CES Sub-core</del> <sup>3</sup>	<del>6</del>
Electives	4
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
<u>CES Comparative</u> <sup>3</sup>	<u>3</u>
<u>CES Comparative (300-400-level)</u> <sup>3</sup>	<u>6</u>
<del>CES Sub-core</del> <sup>3</sup>	<del>3</del>
<del>300-400-level CES Electives</del> <sup>2</sup>	<del>6</del>
300-400-level Electives	6

	<p><b>Fourth Year</b></p> <p><i>First Term</i></p> <table border="0"> <tr> <td></td> <td style="text-align: right;"><b>Credits</b></td> </tr> <tr> <td><u>CES 462</u></td> <td style="text-align: right;"><u>3</u></td> </tr> <tr> <td>300-400-level CES Elective<sup>2</sup></td> <td style="text-align: right;">3</td> </tr> <tr> <td>Electives</td> <td style="text-align: right;">12</td> </tr> </table> <p><i>Second Term</i></p> <table border="0"> <tr> <td></td> <td style="text-align: right;"><b>Credits</b></td> </tr> <tr> <td><u>CES 440 [CAPS]</u></td> <td style="text-align: right;"><u>3</u></td> </tr> <tr> <td><u>CES 489 [CAPS]</u></td> <td style="text-align: right;"><u>3</u></td> </tr> <tr> <td>300-400-level Electives</td> <td style="text-align: right;">12</td> </tr> </table> <hr/> <p>Footnotes</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.</p> <p><sup>2</sup> <u>CES Foundational (12 credits) selected from: CES 111, 131, 151, 171, 204, 211, 235, 240, 254, 255, 291, 313, 314, 330, 331, 335, 336, 338, 353, 357; 358, 359, 372, 373, 379, 411, 413, 435, 436, 454, 470. Coursework must include a total of two CES [M] courses and sufficient 300-400-level coursework to meet the University requirement of 40 upper division. CES Electives: 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 AMER-ST 475; CES 111, 131, 151, 171, 209, 220, 240, 244, 254, 255, 260, 271, 280, 308, 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, 454, 465, 470, 491 [M]; CES 372/ANTH 312; CES /WGSS 411.</u></p> <p><sup>3</sup> <u>CES Comparative (12 Credits) selected from: CES 101, 207, 209, 216, 220, 222, 244, 260, 264 280, 308, 325, 380, 405, 406, 407, 426, 444, 461, 463, 465. Coursework must include a total of two CES [M] courses and sufficient 300-400-level coursework to meet the University requirement of 40 upper division. CES Sub-core courses are (9 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.</u></p>		<b>Credits</b>	<u>CES 462</u>	<u>3</u>	300-400-level CES Elective <sup>2</sup>	3	Electives	12		<b>Credits</b>	<u>CES 440 [CAPS]</u>	<u>3</u>	<u>CES 489 [CAPS]</u>	<u>3</u>	300-400-level Electives	12	
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300-400-level Electives	12																	
<p><b>Mechanical and Materials Engineering</b> Revise requirements for BS in Materials Science and Engineering</p>	<p><b>Materials Science and Engineering (123 Credits)</b></p> <p>Admission Requirements</p> <p><del>To be admitted into Materials Science and Engineering major, students must have 83% or higher ALEKS placement score (MATH) or Completion of Math 106 and 108, 171 or higher calculus course, with “C” or better or Calc AP score of 2.</del></p> <p><u>To be admitted into the Materials Science Engineering major, students must have scored 83% or higher on the ALEKS math placement exam, or received a score of 2 or higher on an AP Calculus exam, or completed MATH 106 and 108 with a C or better, or completed MATH 171 or a higher-level calculus course with a C or better.</u></p> <p>Transferring students must satisfy all of the above admission requirements. Students must earn a 2.6 GPA in transferred major courses and have earned a “C” or better in all transferred courses required for the MSE degree.</p> <p>Benchmarks to Maintain Major in MSE Status</p>	<p><b>8-24</b></p>																

To keep their status as Materials Science Engineering majors, students must: (1) maintain 2.6 average GPA in major courses required for MSE degree, (2) obtain grade “C” or better in all courses required for MSE degree. No more than one repeat per course is allowed in all ME and MSE courses required for MSE degree.

Major courses required for MSE degree include all engineering and computer science courses, in addition to ME, MSE, physics, chemistry, and math courses listed in the schedule of studies.

**Graduation Requirement**

~~Maintain a minimum 2.6 average GPA in major courses requirement for the MSE degree.~~ Receive a letter grade of C or better in all major courses.

Any further questions should be addressed to the Undergraduate Student Services office located in Sloan 205 or contact an MME academic advisor.

**First Year**

<i>First Term</i>	<i>Credits</i>
CHEM 105 [PSCI]	4
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
ME 116	2
MSE 201	3

<i>Second Term</i>	<i>Credits</i>
CHEM 106	4
HISTORY 105 [ROOT]	3
MATH 172	4
MSE 202	3
Technical Elective <sup>1</sup>	3

**Second Year**

<i>First Term</i>	<i>Credits</i>
MATH 220	2
MATH 273	2
ME 220	1
MSE 316	3
PHYSICS 201	3
PHYSICS 211	1
UCORE Inquiry <sup>2</sup>	3

<i>Second Term</i>	<i>Credits</i>
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MATH 315	3
MSE 241	3
MSE 331, 332, or 333 <sup>3</sup>	3
PHYSICS 202	3
PHYSICS 212	1
UCORE Inquiry <sup>2</sup>	3
Complete Writing Portfolio	

### **Third Year**

#### ***First Term*** ***Credits***

ECONS 102 [SSCI]	3
MSE 302	3
MSE 321	3
MSE 323	2
MSE 413	3
STAT 370	3

#### ***Second Term*** ***Credits***

MSE 318	3
MSE 320 [M]	3
MSE 331, 332, or 333 <sup>3</sup>	3
UCORE Inquiry <sup>2</sup>	3
Technical Elective <sup>1</sup>	3

### **Fourth Year**

#### ***First Term*** ***Credits***

ENGLISH 402 [WRTG] [M]	3
ME 312	3
ME 416 [CAPS]	3
MSE Electives <sup>4</sup>	6

#### ***Second Term*** ***Credits***

MSE 425; or MSE 488 and ENGR 489	3
MSE Elective <sup>4</sup>	3
Technical Elective <sup>1</sup>	3
UCORE Inquiry <sup>2</sup>	3
Complete Exit Survey	

#### **Footnotes**

<sup>1</sup> Technical Elective (Minimum of 9 credits, of which 3 must be upper-division or 500 level): Any upper-division CE, CH E, CHEM, CPT S, E E, MATH, ME, MSE, or PHYSICS course not used to fulfill other requirements (excluding ME 416), CE 211, and 215, EE 261, and 262, ME 212 and 216.

<sup>2</sup> Must complete 4 of these 5 UCORE designations: ARTS, BSCI, DIVR, EQJS, HUM.



	<p><sup>3</sup> Choose two courses from MSE 331, 332, or 333.</p> <p><sup>4</sup> MSE Elective (9 credits): Any 300, 400, or 500-level MSE course except MSE 499 not used to fulfill other requirements.</p>	
<p><b>Mechanical and Materials Engineering</b> Revise requirements for BS in Mechanical Engineering</p>	<p><b>Mechanical Engineering (124 Credits)</b></p> <p><b>Admission Requirements</b></p> <p><del>To be admitted into the Mechanical Engineering major, students must have earned an 83% or higher ALEKS placement score (MATH), or completed MATH 106 and 108, 171 or higher calculus course, with “C” or better, or Calc AP score of 2.</del></p> <p><u>To be admitted into the Mechanical Engineering major, students must have scored 83% or higher on the ALEKS math placement exam, or received a score of 2 or higher on an AP Calculus exam, or completed MATH 106 and 108 with a C or better, or completed MATH 171 or a higher-level calculus course with a C or better.</u></p> <p>Transferring students must satisfy all of the above admission requirements. Students must earn a 2.6 GPA in transferred major courses and have earned a “C” or better in all transferred courses required for the ME degree.</p> <p>Students transferring to degree-completion programs in Bremerton and Everett branches must have 2.6 average GPA in the following or equivalent courses, each completed with grade “C” or better: CE 211, CE 215, CHEM 105, CPT S 121 or 131, E E 221, ENGLISH 101, MATH 171, MATH 172, MATH 220, MATH 273, MATH 315, ME 116, ME 212, ME 241, PHYSICS 201 and 211, PHYSICS 202 and 212.</p> <p><b>Benchmarks to Maintain Major in ME Status</b> To keep their status as Mechanical Engineering majors, students must: (1) maintain a 2.6 average GPA in major courses required for ME degree, (2) obtain a grade of C or better in all courses required for the ME degree. No more than one repeat per course is allowed in all ME and MSE courses required for the ME degree.</p> <p>Major courses required for the ME degree include all engineering and computer science courses, in addition to ME, MSE, physics, chemistry, and math courses listed in the schedule of studies.</p> <p><b>Graduation Requirement</b> <del>Maintain a minimum 2.6 average GPA in major courses required for the ME degree.</del> Receive a letter grade of C or better in all major courses.</p> <p><b>Concentrations for BS in Mechanical Engineering</b> Students follow a General Path, or seek a concentration in Thermo-fluids, Manufacturing, or Autonomous Systems.</p> <p>Students are encouraged to consult with their advisor at their campus of</p>	<p><b>8-24</b></p>

residence for approved alternative course sequences as well as allowed substitutions to the schedule studies.

**First Year**

<i>First Term</i>	<i>Credits</i>
CHEM 105 [PSCI]	4
ENGR 120	2
HISTORY 105 [ROOT]	3
MATH 171 [QUAN]	4
UCORE Inquiry <sup>1</sup>	3

<i>Second Term</i>	<i>Credits</i>
ECONS 102 [SSCI]	3
ENGLISH 101 [WRTG]	3
MATH 172	4
ME 116	2
UCORE Inquiry <sup>1</sup>	3

**Second Year**

<i>First Term</i>	<i>Credits</i>
CE 211	3
CPT S 121, 131, or ME 241	3 or 4
MATH 220	2
MATH 273	2
PHYSICS 201	3
PHYSICS 211	1
STAT 370	3

<i>Second Term</i>	<i>Credits</i>
CE 215	3
MATH 315	3
ME 212	3
ME 216	2
ME 220	1
PHYSICS 202	3
PHYSICS 212	1
Complete Writing Portfolio	

**Third Year**

<i>First Term</i>	<i>Credits</i>
E E 261	3
E E 262	1

	ME 301	3	
	ME 303	3	
	ME 313	3	
	MSE 201	3	
	<b><i>Second Term</i></b>	<b><i>Credits</i></b>	
	ENGLISH 402 [WRTG]	3	
	ME 304	3	
	ME 306	2	
	ME 316	3	
	ME 348	3	
	Restricted Elective <sup>2</sup>	3	
	<b>Fourth Year</b>		
	<b><i>First Term</i></b>	<b><i>Credits</i></b>	
	ME 415 [M]	3	
	UCORE Inquiry <sup>1</sup>	3	
	Concentration Courses <sup>3,4</sup>	6	
	Restricted Elective <sup>2</sup>	3	
	<b><i>Second Term</i></b>	<b><i>Credits</i></b>	
	ME 406 [M]	3	
	ME 416 [CAPS]	3	
	UCORE Inquiry <sup>1</sup>	3	
	Concentration Course <sup>3,4</sup>	3	
	Complete Exit Survey		
	Complete Fundamentals of Engineering Exam		
	<b>Footnotes</b>		
	<sup>1</sup> Must complete 4 of these 5 UCORE designations: ARTS, BSCI, DIVR, EQJS, HUM.		
	<sup>2</sup> Restricted Electives (at least 6 credits): Choose from ME 310 and 311 or ME 312, ME 401, ME 405.		
	<sup>3</sup> Concentration Paths (9 credits): General Concentration: Three technical electives which may include the remaining restricted elective. Thermo Fluids Concentration: Must take ME 405, and either ME 312 or 401 from the restrictive electives; two courses from ME 419, 431, 436, and 439; and one additional technical elective. Manufacturing Concentration: Must take ME 312, and either ME 401 or 405 from the restrictive electives; ME 474 and 475; and one more technical elective. Autonomous Systems Concentration (must complete CPT S 121, 131, or ME 241 prior to beginning this concentration): Must take ME 401, and either ME 312 or 405 from the restrictive electives; two courses from CPT S 122 or 132, and ME 481; and one technical elective.		
	<sup>4</sup> Technical Electives for concentrations: Any 400-500-level ME, MSE, E E, or CPT S course not listed as a major requirement, MSE 318, 331, 332, and 333, and BIO ENGR 425. Additionally, a combined maximum of 3 credits total from ME 488 and ENGR 489 as part of an internship or practicum may be earned towards a Technical Elective.		
<b>Molecular Biosciences</b> Revise requirements for	<b>Microbiology – Honors Accelerated Pre-Veterinary Option (120 126 Credits)</b>		<b>8-24</b>

BS in  
Microbiology -  
Honors  
Accelerated Pre-  
Veterinary Option

This option has been established for admission of highly academically qualified students to the Doctor of Veterinary Medicine (D.V.M.) program at the Washington State University College of Veterinary Medicine (CVM). The program of study consists of three years of undergraduate coursework that fulfills the pre-veterinary microbiology requirements followed by the four-year D.V.M. Program. Satisfactory completion of this 7-year curriculum leads to the Bachelor of Science (B.S.) in Microbiology and Doctor of Veterinary Medicine (D.V.M.) degrees.

All students who qualify for admission to the WSU Honors College are eligible to apply for pre-admission to the College of Veterinary Medicine after one year of Honors pre-veterinary microbiology curriculum. Interested applicants should identify themselves to the Honors College as soon as they decide to enroll at the University because the number of available seats in the B.S./D.V.M. Program is limited. Early admission to the D.V.M. Program requires approval of the CVM Admissions Committee. Accepted students are pre-admitted directly to the D.V.M. program. To maintain pre-admission into the D.V.M. Program, accepted students must achieve an overall grade point average of 3.50 or better in all undergraduate coursework.

Students may be admitted to the Microbiology – Accelerated Pre-Veterinary option after completing a minimum of 30 semester credits in residence at WSU with a 2.5 cumulative GPA, and a grade of C or better in each of the following courses: BIOLOGY 106; BIOLOGY 107; CHEM 105; CHEM 106 or 116. Completion of the degree requires completion of Honors curriculum; a minimum of 90 undergraduate credits including 30 upper-division credits; and one year of DVM coursework.

A grade of C or better is required in all MBIOS courses taken to meet graduation requirements. None of these courses may be taken pass/fail. Completed core requirements may not be used to satisfy lecture or lab electives.

**First Year**

<i>First Term</i>	<i>Credits</i>
BIOLOGY 106	4
CHEM 105	4
ENGLISH 298	4
<u>MBIOS 138</u>	<u>1</u>
Foreign Language (if needed) <sup>1</sup>	0-4

<i>Second Term</i>	<i>Credits</i>
BIOLOGY 107	4
CHEM 106 or 116 <sup>2</sup>	4
HONORS 270	3
<u>MBIOS 201</u>	<u>3</u>
Foreign Language (if needed) or Elective <sup>1</sup>	2-4

<b><i>Third Term</i></b>	<b><i>Credits</i></b>
(Summer) MATH 140 or 171	4
<b>Second Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
CHEM 345	4
HONORS 280	3
MBIOS 301	4
STAT 212	4
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
HONORS 290 <sup>2</sup>	3
MBIOS 303	4
MBIOS 304	3
<u>MBIOS 360 [M]</u>	<u>2</u>
PHYSICS 101 or 201	3
PHYSICS 111 or 211	1
Complete Writing Portfolio	
<b><i>Third Term</i></b>	<b><i>Credits</i></b>
(Summer) MBIOS 305	3
<b>Third Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
HONORS 370	3
HONORS 380	3
HONORS 398 <sup>3</sup>	0 or 1
MBIOS 404	3
MBIOS 494 [CAPS] [M]	3
PHYSICS 102 or 202	3
PHYSICS 112 or 212	1
<b><i>Second Term</i></b>	<b><i>Credits</i></b>
HONORS 390	3
HONORS 450	1
MBIOS 410	3
MBIOS 411 [ <del>M</del> ]	3
MBIOS 450	3
<b>Fourth Year</b>	
<b><i>First Term</i></b>	<b><i>Credits</i></b>
VET MED 511 <sup>4</sup>	5

	<p>VET MED 535<sup>5</sup> 3</p> <p>Additional DVM coursework<sup>6</sup> 7</p> <p><b>Second Term</b> <b>Credits</b></p> <p>VET MED 534<sup>7</sup> <u>53</u></p> <p>Additional DVM coursework<sup>6</sup> <u>1012</u></p> <p>Exit Survey</p> <hr/> <p><b>Footnotes</b></p> <p><sup>1</sup> The Foreign Language requirement may be satisfied in one of the following ways: 1) Satisfactory completion of the STAMP test 2) Satisfactory completion of a foreign language 204-level course 3) Completion of a minor in a foreign language 4) Earning the Honors College Certificate of Global Competencies 5) Students with a native language that is not English and who come to the United States after 8th grade can be exempted from the foreign language requirement with approval of an Honors advisor</p> <p><sup>2</sup> Students who complete CHEM 116 fulfill the Honors College HONORS 290 requirement and another 3-credit course can be substituted.</p> <p><sup>3</sup> HONORS 398 is an optional thesis-preparation course.</p> <p><sup>4</sup> VET MED 511 satisfies the <del>Laboratory Elective</del> <u>MBIOS 460 requirement</u> for the B.S. in Microbiology.</p> <p><sup>5</sup> VET MED 535 satisfies the Virology requirement (MBIOS 442) for the B.S. in Microbiology</p> <p><sup>6</sup> Additional D.V.M. courses required in the first year of the D.V.M. program to satisfy the Microbiology elective requirement for the B.S. in Microbiology. Students must complete a minimum of 30 credits in 500-level (professional or graduate) courses, while pursuing the subsequent D.V.M. degree in order to complete the requirements for this accelerated bachelor's degree.</p> <p><sup>7</sup> VET MED 534 satisfies the Immunology requirement (MBIOS 440) for the B.S. in Microbiology.</p>	
<p><b>Psychology</b> Revise requirements for minor in Addiction Studies (Vancouver only)</p>	<p><b>Addiction Studies (Vancouver only)</b></p> <p>A minor in addiction studies requires 19 or <del>22</del> <u>21</u> credits. Track 1 (professional certification, <del>22</del> <u>21</u> credits): comprises coursework primarily in the Department of Psychology and is aimed at preparing students for certification as <del>chemical dependency</del> <u>substance use disorder professionals (CDP SUDP)</u> in Washington State. Track 2 (addictions research, 19 credits): geared toward students preparing for graduate study in research careers in clinical and health psychology, as well as public policy emphasizing the study of addictive behaviors. <del>Credit hours for</del> <u>The minor must include 9 hours credits</u> of upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.</p> <p><b>Track 1:</b> This track comprises coursework based primarily in the Department of Psychology. It aims to prepare students for certification as <del>chemical dependency</del> <u>substance use disorder professionals (CDP SUDP)</u> in Washington State. The minor provides theoretical and practical training in the diagnosis and treatment of addictive behaviors. It is important to note that courses in Track 1, taken by themselves, address only a subset of these competencies. To obtain certification requires additional coursework and relevant practicum experience.</p> <p>Track 1 requires a minimum of <del>22</del> <u>21</u> semester credits, which must include the following:</p>	<p><b>8-24</b></p>

**Required Courses (16 15 credits):**

- PSYCH 110
- PSYCH 265
- PSYCH 333
- PSYCH 342
- PSYCH 442

**Elective Courses (choose two of the following; ~~six~~ 6 credits):**

- PSYCH 320
- PSYCH ~~340~~ 390
- PSYCH 440
- PSYCH 444
- PSYCH 468
- CRM J 428
- SOC 368

**Track 2:**

This track prepares students for graduate training in research careers emphasizing the empirical study of addictive behaviors (e.g., clinical and health psychology, public health and policy). To ensure completion, students must commit to this track no later than the beginning of their junior year (i.e., with 4 semesters remaining at WSUV). Track 2 culminates in an independent research project under the supervision of a Psychology faculty member.

Track 2 requires a minimum of 19 semester credits, which must include the following:

**Required Courses (16 credits)**

- PSYCH 265
- PSYCH 312
- PSYCH 333
- PSYCH 498: Must work in at least one research lab for a minimum of 2 semesters.
- PSYCH 499 (2 credits min.): Student will produce a final independent product (e.g., grant application, review paper, research project) related to addiction or related topics. Student must identify a mentor willing to work with them no later than the end of their junior year.

**Electives (3 credits)**

- PSYCH 342
- PSYCH ~~304~~ 390
- PSYCH 468
- CRM J 428
- SOC 368