

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 3**  
**Fall 2012**

**Faculty Senate Approved November 8, 2012**

**---REQUIREMENTS---**

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All changes are underlined. Deletions are crossed out. The column to the far right indicates the date each change becomes effective.

<b>Department</b>	<b>Proposed</b>	<b>Effective Date</b>
<b>Molecular Biosciences</b> Revise requirements for Minor in Molecular Biology	<p><b>Molecular Biology</b></p> <p>A minor in molecular biology requires 20 hours including the following courses: MBIOS 301, 305, 303, <u>304</u>; MBIOS 401 <u>or</u> <u>450</u>; <del>MBIOS 304, 402, or 454</del>; MBIOS 404, 413, or <del>426</del> <u>440</u>. A grade of C or better is required in all course work for the minor. Credit hours for the minor must include 9 hours of upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. A student whose major is in the School of Molecular Biosciences cannot be granted a minor in molecular biology.</p>	<p align="center"><b>8-13</b></p>
<b>Molecular Biosciences</b> Revise requirements for Minor in Genetics and Cell Biology	<p><b>Genetics and Cell Biology</b></p> <p>A minor in genetics and cell biology requires 16 hours under the genetics and cell biology degree program at the 300-400-level, including MBioS 301, 401, and <u>423</u>. Additional credits may be selected from BIOLOGY <del>321</del><u>325</u>, MBIOS 402, 404, <del>423, 425</del>, 426, 427, 478, <u>PHIL 365</u>. 9 hours of upper-division work must be taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. A grade of C or better is required in all course work for the minor.</p>	<p align="center"><b>8-13</b></p>
<b>Molecular Biosciences</b> Revise requirements for Minor in Biochemistry	<p><b>Biochemistry</b></p> <p>A minor in biochemistry requires <u>17</u> <del>20</del> hours including CHEM <del>345, 346</del> <u>348</u>; MBIOS 303, 304, 413; MBIOS 414, <del>or</del> <u>465</u>, <u>or</u> <u>CHEM 331</u>. A grade of C or better is required in all courses used in the minor. None of these courses may be taken pass/fail. Credit hours for the minor must include 9 hours of upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.</p>	<p align="center"><b>8-13</b></p>

<p><b>Molecular Biosciences</b> Revise requirements for Minor in Microbiology</p>	<p><b>Microbiology</b></p> <p>A minor in microbiology requires a minimum of <del>16</del>17 credit hours including MBIOS 305, <del>304</del> <u>and</u> 306, and the remaining <del>at the 300-400-level</del> selected from: MBIOS 342, <del>404</del>, 410, 411, 426, 430, 440, 442, 444, 445, 446, <del>448</del>, 450, 454, <del>498</del>, <del>499</del> <u>548</u>, FS 416. 9 hours of upper-division work must be taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. A grade of C or better is required in all course work for the minor.</p>	<p><b>8-13</b></p>
<p><b>Pharmacy</b> Revise admissions requirements for Professional Pharmacy Program</p>	<p><b>Pharmacy Prerequisites for Admission to the Professional Pharmacy Program</b></p> <p>Written Communication I - 3 credits</p> <p>Written Communication II - 3 credits</p> <p>Philosophy - Logic, Critical Thinking or Ethics - 3 credits</p> <p>Microeconomics - ECONS 101 - 3 credits</p> <p>Introductory Psychology - PSYCH 105 - 3 credits</p> <p>Calculus - MATH 140 or 171 or 202 - 4 credits</p> <p>Statistics - STAT 212 - 3 credits</p> <p>Introductory Biology - BIOLOGY 106 and 107 - 8 credits</p> <p>Principles of Chemistry - CHEM 105 and 106 - 8 credits</p> <p>Organic Chemistry - CHEM 345 and <del>346</del> <u>348</u>- 7 credits</p> <p>Microbiology - MBIOS 305 - 3 credits</p> <p>Human Anatomy with lab - BIOLOGY 315 - 4 credits</p> <p>Mammalian Physiology - BIOLOGY 353 - 4 credits</p> <p>Biochemistry - MBIOS 303 - 4 credits</p> <p><u>Microbiology and Molecular Biology Laboratory - MBIOS 304 - 3 credits</u></p>	<p><b>8-14</b></p>
<p><b>Psychology</b> Revise requirements for Bachelor of Science in Psychology</p>	<p><b>Footnotes</b></p> <p><sup>1</sup> The PSYCH courses listed above under Groups I and II are recommended for that semester. Some are only offered in the fall or the spring. Group I FALL: PSYCH <u>350</u>, 372, 384, 390, 401, 470, 490 and Group I SPRING: PSYCH <u>350</u>, 384, 401, 470, 473. Group II FALL: PSYCH 321, 324, 333, <del>350</del>,</p>	<p><b>8-12</b></p>

	361, 363, 440 and Group II SPRING: PSYCH 321, 324, 333, <del>350</del> , 361, 363, 412, 440, 464.	
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