

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 1
CORRECTIONS for 2018-2019, Fall 2019**

--REQUIREMENTS--

The requirements listed below reflect corrections and revisions for clarification of requirements for previously approved undergraduate and professional major curricular changes. All changes are underlined. Deletions are crossed out. If a description, semester, or footnote has been left off a schedule of studies presentation, then no changes were made. The column to the far right indicates the date each change becomes effective.

Dept	Proposed	Effective Date																								
<p>Business Correct Math 201 footnote in schedules of studies for all plans (majors) and subplans (options) in the College of Business to add missing Math 106 statement inadvertently left off footnote revisions in 2018-2019.</p>	<p>MATH 201 footnote revision: MATH 201 will be waived with an ALEKS score of 80% or higher, or the completion of MATH 202 or equivalent. <u>Math 106 will be accepted as an alternative to Math 201 for transfer students.</u></p>	<p align="center">8-20</p>																								
<p>Integrated Plant Sciences Correction: Add back footnote in schedule of studies for Bachelor of Science in Integrated Plant Sciences - Landscape Nursery, and Greenhouse Management: inadvertently removed from the listing. Add as FN 3. [upmcb 11 – Spr 2019]</p>	<p>Landscape, Nursery, and Greenhouse Management (120 Hours)</p> <p>Fourth Year</p> <table border="0"> <thead> <tr> <th align="left"><i>First Term</i></th> <th align="right"><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>Advanced Plant Science Elective²</td> <td align="right">3</td> </tr> <tr> <td>Horticulture Elective¹</td> <td align="right">3</td> </tr> <tr> <td>PL P 300 or 429</td> <td align="right">2 or 3</td> </tr> <tr> <td>Electives</td> <td align="right">6</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <th align="left"><i>Second Term</i></th> <th align="right"><i>Hours</i></th> </tr> <tr> <td>Advanced Plant Science Elective²</td> <td align="right">3</td> </tr> <tr> <td>HORT 416³</td> <td align="right">3</td> </tr> <tr> <td>HORT 425 [M] [CAPS]</td> <td align="right">3</td> </tr> <tr> <td>SOIL SCI 302 [M] or 441</td> <td align="right">3</td> </tr> <tr> <td>Electives</td> <td align="right">3</td> </tr> </tbody> </table> <p>Footnotes</p> <p>¹ Horticulture Electives (9 credits minimum): Approved courses include CROP SCI 301, 305, 401 [M], 443, HORT 310, 313, 320, 350, SOIL SCI 101, or as approved by advisor.</p> <p>² Advanced Plant Science Electives (6 credits): BIOLOGY 301, 332 [M], 372 [M], 409, 462, HORT 418 [M], 445 [M], 480, SOE 300, 450 [M], 454 [M], 464 [M], or as approved by advisor.</p> <p>³ <u>CROP SCI 411 [M] can be taken in the fall as an alternative to HORT 416.</u></p>	<i>First Term</i>	<i>Hours</i>	Advanced Plant Science Elective ²	3	Horticulture Elective ¹	3	PL P 300 or 429	2 or 3	Electives	6	 		<i>Second Term</i>	<i>Hours</i>	Advanced Plant Science Elective ²	3	HORT 416 ³	3	HORT 425 [M] [CAPS]	3	SOIL SCI 302 [M] or 441	3	Electives	3	<p align="center">8-19</p>
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<p>Mathematics and Statistics Correct grammar and list for certification requirements; add CS 115 to "CPT S 115 or STAT 115" in 1st yr, 1st term inadvertently left off in schedule of studies for Bachelor of Science in Data Analytics – Data Visualization Option. [upmcb 9 Spr 2019]</p>	<p>Data Analytics – Data Visualization Option (120 Hours)</p> <p>The following minimum criteria must be met for consideration for certification:</p> <ul style="list-style-type: none"> • 30 semester hours (credits) earned; • a grade of C, or higher, in each of the Required Certification Courses; • a Required Certification Courses GPA of 2.50 or higher; • completion of the following Required Certification Courses: MATH 171; MATH 172 or MATH 182; MATH 220; and one of the following for Program Design and Data Structure: <ul style="list-style-type: none"> ○ CS 121 and CS 122, or ○ CPT S 121 and CPT S 122, or ○ CPT S 131 and CPT S 132; • <u>Required Certification Courses GPA of 2.50 or higher;</u> <p>Certification Guarantee: Students who have completed the courses noted 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.</p> <p>First Year</p> <table border="0"> <thead> <tr> <th><i>First Term</i></th> <th><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>CPT S 115, or STAT 115, or CS 115</td> <td>3</td> </tr> <tr> <td>CPT S 121, 131, or CS 121</td> <td>4</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td>3</td> </tr> <tr> <td>MATH 171 [QUAN]</td> <td>4</td> </tr> </tbody> </table>	<i>First Term</i>	<i>Hours</i>	CPT S 115, or STAT 115, or CS 115	3	CPT S 121, 131, or CS 121	4	ENGLISH 101 [WRTG]	3	MATH 171 [QUAN]	4	<p>8-19</p>				
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<p>Women s, Gender, and Sexuality Studies Correct typo in 2nd yr, 2nd term, and amend footnote 6 for course number conversion and left out crosslist in schedule of studies for Bachelor of Arts in Women's Studies [upmcb 11 Spr 2019]</p>	<p>Women's Studies (120 Hours)</p> <p>Second Year</p> <table border="0"> <thead> <tr> <th><i>Second Term</i></th> <th><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>Arts [ARTS], Humanities [HUM], or Social Sciences [SSCI]</td> <td>3</td> </tr> <tr> <td>Foreign Language, if needed, or Electives^{4,5}</td> <td>3 or 4</td> </tr> <tr> <td>WOMEN ST 406, WOMEN ST 322-332/ANTH 317, or WOMEN ST 340</td> <td>3</td> </tr> <tr> <td>Women's Studies Interdisciplinary Elective^{2,6}</td> <td>3</td> </tr> <tr> <td>Electives⁴</td> <td>3</td> </tr> <tr> <td>Complete Writing Portfolio</td> <td></td> </tr> </tbody> </table> <p>[Amend footnote 6 for course number conversion and for WOMEN ST crosslist left out of list (See below)]</p>	<i>Second Term</i>	<i>Hours</i>	Arts [ARTS], Humanities [HUM], or Social Sciences [SSCI]	3	Foreign Language, if needed, or Electives ^{4,5}	3 or 4	WOMEN ST 406, WOMEN ST 322-332 /ANTH 317, or WOMEN ST 340	3	Women's Studies Interdisciplinary Elective ^{2,6}	3	Electives ⁴	3	Complete Writing Portfolio		<p>8-19</p>
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⁶ Women's Studies Interdisciplinary Electives (9 Credits): Approved courses include AMDT/WOMEN ST 422; AMER ST/DTC/ENGLISH 475; AMER ST/ENGLISH/HISTORY/WOMEN ST 216; ANTH/WOMEN ST 316; BIOLOGY ~~407~~307; CES 435, 454; CES/ANTH 312; CES/WOMEN ST 411; COM/WOMEN ST 464; ENGLISH/WOMEN ST 306 [M]; ENGLISH 483/WOMEN ST 382; FINE ART/WOMEN ST 308 [M], 310 [M]; HISTORY/CES 235; HISTORY/WOMEN ST 398, 399; MUS/WOMEN ST 363; PHIL/WOMEN ST 425; POL S 305/WOMEN ST 305; PSYCH/WOMEN ST 230, 324; SOC/WOMEN ST 251, 351, 384, 390; WOMEN ST/PHIL 462 [M].