Draft of comparison charts between old majors and new majors in Biosciences

Notes:

1. The official 20-21 GA has not yet been published as of the creation of this draft, so everything in here is unofficial and subject to correction in the official 20-21 GA. Please compare any course choices you make to the GA once it is published.

2. The first set of comparisons, color-coded blue, are given in terms of the new course codes and numbers for Biosciences courses where the old EBIO and BIOC course codes have been replaced by BIOS course codes. In some cases, the course number has also changed to avoid conflicts between two existing courses.

3. The second set of comparisons, color-coded green, are given in terms of the old course codes and numbers so you can see how the courses you have already taken fit into the major concentrations.
### Comparison between current and F2020 BioSciences majors (version 4/6/2020, see F2020 GA for most accurate requirements)

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<tr>
<th>Category</th>
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<td>Math/Stat</td>
<td>MATH 101 MATH 102 MATH 211</td>
<td>MATH 101 MATH 102 MATH 102 STAT 305</td>
<td>MATH 101 MATH 102 MATH 102 STAT 305</td>
<td>MATH 101 MATH 102 EBIO 338 or MATH 211 or STAT 305</td>
<td>MATH 101 MATH 102 STAT 305</td>
<td>MATH 101 MATH 102 STAT 305</td>
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<tr>
<td>Physics</td>
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<td>Intro Bio</td>
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<td>Labs</td>
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<td>Upper Level Elective Lecture Courses in Major Area (≥3 credit hours)</td>
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<td>BIOS 301 BIOS 341 BIOS 332 BIOS 334 2 BIOC 300/400 level 1 BIOC 300/400 level BIOS 312</td>
<td>BIOS 332 BIOS 334 BIOS 338 BIOS 338 5 elective lectures from constrained elective list (see GA) BIOS 312</td>
</tr>
<tr>
<td>Broadening Elective Lecture Courses</td>
<td>2 NSCI/ENGI ≥ 300 (≥ 3 credit hours) 1 NSCI/ENGI ≥200 (≥ 3 credit hours)*</td>
<td>1 NSCI/ENGI ≥200 (≥ 3 credit hours)*</td>
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</tr>
<tr>
<td>Senior Capstone</td>
<td>1 BIOC 400 level (≥ 3 credit hours)</td>
<td>1 400-level capstone from Biochemistry conc. capstone list</td>
<td>1 400-level capstone from Cell Biology &amp; Gen conc. capstone list</td>
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<td>1 400-level capstone from Integrative Biology conc. capstone list</td>
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Notes for those switching from current majors: * In the new curriculum, the NSCI/ENGI elective now includes 200-level courses, therefore you may also use courses like CHEM 212 (Orgo II) or MATH 211 (DiffEQ) to fulfill this requirement. ** BIOS 341 (Cell) and BIOS 344 (Genetics) are among the elective lectures for the Biochemistry concentration. ***BIOS 302 (Biochemistry II) and BIOS 352 (P-Chem) are among the constrained electives for the Cell Biology and Genetics concentration. [These notes also apply to the BS degrees on the next page.]
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<tr>
<td>Math/Stat</td>
<td>MATH 101, MATH 102, MATH 211</td>
<td>MATH 101</td>
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<td>MATH 101</td>
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<td>Physics</td>
<td>PHYS 125, PHYS 126</td>
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<tr>
<td>Intro Chem</td>
<td>CHEM 121/123, CHEM 122/124</td>
<td>CHEM 121/123</td>
<td>CHEM 121/123</td>
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<tr>
<td>Orgo Chem</td>
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<tr>
<td>Intro Bio Labs</td>
<td>BIOS 201, BIOS 202</td>
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<td>Biology</td>
<td>BIOS 211, BIOS 311, BIOS 311</td>
<td>BIOS 211</td>
<td>BIOS 211</td>
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<td>BIOS 211</td>
<td>BIOS 213</td>
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<td>Research</td>
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<td>9 total credits of research w/ at least 3 credit per sem</td>
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Red text indicates difference between BA and BS in new majors

Comparison charts with the old course codes are available on the next pages.
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