B.S. IN BIOCHEMISTRY & CHEMICAL BIOLOGY
DEGREE REQUIREMENTS

THIS SHEET APPLIES FALL 2018
Additional information can be found at www.chem.wayne.edu. (TRANSFER STUDENTS: You must earn a minimum of 15 chemistry credits at WSU. Check transferred chemistry courses with an advisor to prevent problems at graduation.)

NON-CHEMISTRY REQUIREMENTS

MATHEMATICS: □ 2010(4) □ 2020(4) □ 2210(4)
[NOTE: A math placement exam is required prior to enrolling in MAT 2010. Contact the Testing Office (577-3400).]

PHYSICS: math 2020 coreq □ 2170(4) □ 2171(1) □ 2180(4) □ 2181(1)
ALL students who transfer in less than 10 hrs of physics should check with Dr. Zibuck (101 Chemistry Bldg.)

CHEMISTRY & BIOLOGY COURSES

GENERAL/ORGANIC CHEMISTRY:
□ 1220(4) or 1225(3)/1230(1) or [1070(4) or 1050(6) or 1310(5) or 1410(6)]
□ 1240(4)/1250(1) or [2240(4) or 2310(4) or 1410(6)]
□ 2280(3)/2290(2) or [1080(5) and 3120(4) or 1320(5)]

INORGANIC CHEMISTRY: □ 3000(3)/F]

PHYSICAL CHEMISTRY: □ 5400(4)/W]

BIOCHEMISTRY: □ 6620(3)/F] □ 6640(3)/W/Prereq: 6620
□ 6610(3)/W, F/Prereq: 6620 & Coreq: 6635 □ 6635(3)/W/Prereq: 6620 & Coreq: 6610

BIOLOGY: □ 1510(4) □ 2200(5) (BIO 2600 and BIO 3070 are required prerequisites for some biology advanced electives.)

ADVANCED ELECTIVES: Students must complete three elective courses from one of the following options:

<table>
<thead>
<tr>
<th>Bioorganic Option</th>
<th>Bioinorganic Option</th>
<th>Bioanalytical Option</th>
<th>Health Science Option**</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 5510 (3) /F/</td>
<td>CHM 6070 (3) /W/</td>
<td>CHM 5160 (3) /F/</td>
<td>BIO 5280 (3)</td>
</tr>
<tr>
<td>CHM 6270 (3) /F/</td>
<td>CHM 5020 (3) /F/</td>
<td>CHM 5570 (3) /W/</td>
<td>BIO 5330 (3)</td>
</tr>
<tr>
<td>CHM 6070 (3) /W/</td>
<td>CHM 6270 (3) /F/</td>
<td>CHM 6170 (3)</td>
<td>BIO 5640 (3)</td>
</tr>
</tbody>
</table>

** Registration for non-chemistry electives require approval from the department that is offering the course. Students need to receive permission from a chemistry advisor prior to taking any 7000 level electives.

RESEARCH IN CHEMISTRY: □ 5999(min. 2; max 4) or □ 5900 (2) [NOTE: Start Research Project no later (sooner the better) than the 1ST SEMESTER OF SENIOR YR.] To sign up for research e-mail Dr. Fehl at charlie.fehl@wayne.edu to set up an advising appointment. You must file an Undergraduate Research Form and present a written report signed by the Chairman of the Department of Chemistry in order to obtain a final grade for your work. With prior approval, students may be allowed to substitute 2 credits of an internship experience (CHM 6991) in place of research.

B.S. WITH HONORS
Students wishing to earn a B.S. in Biochemistry & Chemical Biology degree with Honors must see Dr. Fehl (469 Chemistry).

WSU Rev. 09/18