THIS SHEET APPLIES WINTER 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)or1225(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)]

□ 2220(4)/2230(1) or [2260(4)/2270(2) or 2320(4)/2270(2) or 1420(6)]

**GENERAL/ANALYTICAL CHEMISTRY:** if you have taken 1080 but not 3120, please see an advisor

□ 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 □ 6660(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>
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</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>
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<tr>
<td>CHM 6270 (3) /F</td>
<td>CHM 5020 (3) /F</td>
<td>CHM 5570 (3) /W</td>
<td>BIO 5330 (3)</td>
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<tr>
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<td>CHM 6270 (3) /F</td>
<td>CHM 6170 (3)</td>
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<td>BIO 6100 (3)</td>
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** 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. Linz at tlinz@chem.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. Linz (367 Chemistry).

(see back for sample schedule and additional graduation requirements)