

# 18<sub>REV D</sub>



## B.S. IN CHEMISTRY DEGREE REQUIREMENTS

### THIS SHEET APPLIES FALL 2018

Additional information can be found at [www.chem.wayne.edu](http://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 REQTS FOR B.S. CHEM MAJORS

**MATHEMATICS:**     2010(4)     2020(4)     2030(4)     2250(3) OR 2350(3) OR 2150(4)

[NOTE: A math placement exam is required prior to enrolling in MAT 201. Contact the Testing Office (PH: 577-3400) for dates and arrangements. Both MAT 2250& 2350 are recommended.]

**PHYSICS:** math 2020 coreq     2170(4)     2171(1)     2180(4)     2181(1)

ALL students who transfer in less than 10 hrs physics should check with a chemistry advisor.

### CHEMISTRY 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) 1410(6)]

2220(4)/2230(1) or [2260(4)/2270(2) or 2320(4)/2270(2) OR 1420(6)     5510(3)[F only] Adv. Org Lab

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)]

5160(3)[F only]

Analytical Lab:

5570(3)[W only]

#### BIOCHEMISTRY:

5600(3)[F, W]

#### INORGANIC CHEMISTRY:

3020(3)[W only]

5020(3)[F only]

#### PHYSICAL CHEMISTRY:

5420(3)[F only]

5440(4)[W only]

Physical Lab:

5550(2)[F, W] "Coreq or Prereq: Chem 54X0"

**ADV. CHEM. ELECTIVE:** Complete one of the following courses or another advanced chemistry course with prior written approval by a chemistry department advisor.

6060(3)[I]; or 6070(3)[W]; or 6170 [I]; or 6240(3)[W]; or 6270(3)[F]; or 6440(3)[I];  
or 6620(3)[F]; or 6635(3)[W]; or 6640(3)[W];

[NOTE: Graduate courses at the 7000 level may be taken only with departmental permission.]

**RESEARCH IN CHEMISTRY:**     5999(min. 2; max 4)[All][NOTE: Start Research Project no later (sooner the better) than the 1ST SEMESTER OF SENIOR YR.] To sign up for research, make an appointment with Dr. Fehl in 469 Chemistry. Email him at [charlie.fehl@wayne.edu](mailto:charlie.fehl@wayne.edu). 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 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 Chemistry degree with Honors must see Dr. Fehl (469 Chemistry).