

18_{REVD}



B.S. IN CHEMISTRY DEGREE REQUIREMENTS

With a Concentration in Material Science

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 REQTS FOR B.S. CHEM MAJORS

MATHEMATICS: 2010(4) 2020(4) 2030(4)

[NOTE: A math placement exam is required prior to enrolling in MAT 201. Contact the Testing Office (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.

BASIC ENGINEERING: 1300(3) 1310(1)

CHEMISTRY COURSES

GENERAL/ORGANIC CHEMISTRY:

1220(4) or 1225(3)/1230(1) or [1070(4) OR 1050(6) OR 1310(5) or 1410(5)]

1240(4)/1250(1) or [2240(4) OR 2310(4) or 1410(5)]

2220(4)/2230(1) or [2260(4)/2270(2) or 2320(4)/2270(2) or 1420(5)]

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]

5570(3)[W only]

INORGANIC CHEMISTRY:

3020(3)[W only]

5020(3)[F only]

PHYSICAL CHEMISTRY:

5420(4)[F only] or 5440(3) [W only]

Physical Lab:

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

BIOCHEMISTRY:

5600 (3)[F,W]

MATERIAL SCIENCE: CHM 6060 or MSE 5350 (3) [F only] MSE 5650 (3) [W only]

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. For additional information, consult the Department WebPage. 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 substitute 2 credits of an internship experience (CHM 6991).

B.S. WITH HONORS

Students wishing to earn a B.S. in Chemistry degree with Honors must see Dr. Fehl (469 Chemistry).