18 REVD

B.S. IN CHEMISTRY

DEGREE REQUIREMENTS

With a Concentration in Biochemistry

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.

CHEMISTRY & BIOLOGY 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]
- 5400 (4) [W only] or 5420 (3) [F only]

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

Physical Lab:

BIOCHEMISTRY:
- 6620 (3) [F]
- 6640 (3) [W]

Biochemistry Lab:

BIOLOGY:
- 1510 (4)
- 2200 (5)
- 3070 (4)

MISCELLANEOUS:
- CHM 5510 (3) or MAT 2250 (3) or 2350 (3) or 2150 (4)

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. 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).