B.A. IN CHEMISTRY
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) □ 2030(4)
NOTE: A math placement exam is required prior to enrolling in MAT 2010. Contact the Testing Office (577-3400) for dates and arrangements.

PHYSICS: coreq Math 2020 □ 2170(4) □ 2171(1) □ 2180(4) □ 2181(1)
ALL students who transfer less than 10 hrs of physics should check with a chemistry advisor.

CHEMISTRY COURSES

GENERAL/ORGANIC CHEMISTRY:
□ 1220(4)/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)]

BIOCHEMISTRY: □ 5600(3)/F,W]

INORGANIC CHEMISTRY: □ 3020(3)/W only]

PHYSICAL CHEMISTRY: □ 5400(4)/W only] or 5420(3)/F 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.
□ 5020(3)/F]; or 5160(3)/F]; or 5440(4)/W]; or 5510(3)/F]; or 6070 (3)[W];
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: It is recommended that individuals who are considering the possibility of entering a graduate chemistry program or accepting an industrial position in chemistry should ALSO complete CHM 5160 and BOTH 5420 & 5440. Such individuals may also wish to consider completing the additional requirements for obtaining "Certification by the American Chemical Society." ]

ACS CERTIFICATION OPTION:
Individuals obtaining the B.A. degree with a major in chemistry may qualify for Certification by the American Chemical Society (the national professional society for chemists) by completing the following additional reqts: MAT 2250 or 2350 or 2150, CHM 5160, 5420, 5440; and two of the advanced laboratory courses: CHM 5510, 5570, 5999.

B.A. WITH HONORS
Students wishing to earn a B.A. degree in chemistry with Honors must see Dr. Fehl (469 Chemistry).