

07REVD



B.A. IN CHEMISTRY DEGREE REQUIREMENTS

THIS SHEET APPLIES Winter 2007

Additional information can be found at www.chem.wayne.edu. Direct questions to a chemistry advisor at chem@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.A. CHEM MAJORS

FOREIGN LANGUAGE REQT:

ANY Foreign Language: 1010(4) 1020(4) 2010(4)

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)

UNIVERSITY GENERAL EDUCATION REQTS. & COLL OF SCIENCE GRP REQTS: see Univ. Advising

CHEMISTRY COURSES [Terms in which courses are normally offered are indicated in brackets.]

GENERAL/ORGANIC CHEMISTRY including laboratory:

1220(4)/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(3) or [2260(4) or 2320(4) or 1420(5)] 2230(2) or [2270(2)]

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)]

The above lecture/laboratory courses are designed as co-requisite courses.

BIOCHEMISTRY: 5600(3)

INORGANIC CHEMISTRY: 3020(3)[W only]

PHYSICAL CHEMISTRY: 5400(4)[W only] (OR 5420(3) OR 5440(4))

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.

5160(3)[F]; OR BOTH 5420(3) [F] (OR 5400 [W]) & 5440(4)[W]; OR 5510(2)[F]; OR 6640(3)[W] OR 5020(3) [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." (Consult an advisor and see below.)

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 2030- & either 2250 or 2350 or 2150, CHM 5160, 5420 5440; and two of the advanced laboratory courses: CHM 5510, 5570, 5990

B.A. WITH HONORS

Students wishing to earn a B.A. degree in chemistry with Honors must see Dr. Kodanko (267 Chemistry).