

EAST TENNESSEE STATE UNIVERSITY — COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF CHEMISTRY
CHEMISTRY MAJOR—CHEMISTRY CONCENTRATION

Name: _____ E#: _____ Catalog Year: _____

TBR Requirements: See other check sheet

Chemistry Concentration Core Requirements (22 cr)

CHEM 1110: General Chemistry I Lec	(F/S)	4 cr
CHEM 1111: General Chemistry I Lab	(F/S)	0 cr
CHEM 1120: General Chemistry II Lec/Lab	(F/S)	4 cr
CHEM 1121: General Chemistry II Lab	(F/S)	0 cr
CHEM 2010: Organic Chemistry I Lecture	(F/S)	3 cr
CHEM 2011: Organic Chemistry I Lab	(F/S)	2 cr
CHEM 2020: Organic Chemistry II Lecture	(F/S)	3 cr
CHEM 2021: Organic Chemistry II Lab	(F/S)	2 cr
CHEM 2220: Quantitative Analysis Lecture	(F/S)	2 cr
CHEM 2221: Quantitative Analysis Lab	(F/S)	2 cr

Additional Required Courses (10 cr)

CHEM 3611: Introductory Integrated Lab	(F/S)	2 cr
PHYS 2010/11: General Physics I Lec/Lab	(F/S)	4 cr
PHYS 2020/11: General Physics II Lec/Lab	(F/S)	4 cr

Bachelor of Science Requirements (10 cr)

MATH 1910: Calculus I	(F/S)	4 cr
PHIL 2640: Science and the Modern World	(F/S)	3 cr
SPCH 2320: Argumentation and Debate		
PHIL 2030: Practical Reasoning	OR	(F/S) 3 cr

Pick one of the following (3 cr)

CHEM 3710: Principals of Physical Chemistry	(S)	3 cr
CHEM 3750: Physical Chemistry I	(F)	3 cr

Pick six credit hours from the following:

CHEM 3110: Descriptive Inorganic Chemistry	(F)	3 cr
CHEM 3550: Forensic Chemistry	(S)	3 cr
CHEM 3760: Physical Chemistry II	(S)	3 cr
CHEM 4010 Seminar in Chemistry	(F/S)	2 cr
CHEM 4110: Advanced Inorganic	(S)	3 cr
CHEM 4200: Principles of Instrumental Analysis	(F)	3 cr
CHEM 4611: Advanced Integrated Lab-Dynamics	(F/S)	2 cr
CHEM 4621: Advanced Integrated Lab-Structures	(S)	2 cr
CHEM 4631: Advanced Integrated Lab-Analytical	(F)	2 cr
CHEM 4817: Intro Industrial Chemistry	(F/S)	3 cr
CHEM 4900: Research in Chemistry	(F/S)	1-3 cr
CHEM 4957: Special Topics in Chemistry	(F/S)	1-6 cr

Choice 1:

Choice 2:

Choice 3 (if needed):

Minor Requirements

18-27 cr

Subject	Course #	Title	Hours

Elective Requirements

18-27 cr

Subject	Course #	Title	Hours

Student Signature: _____

Advisor Signature: _____

Advisor Printed Name: _____