

Student Name: _____

Date _____

I. GENERAL EDUCATION CURRICULUM 44

CHE 1101, 1110, 1102, and 1120 fulfills the Science Inquiry Perspective. MAT 1110 fulfills Quantitative Literacy.

II. MAJOR REQUIREMENTS (Not including 12 s.h. already counted in I, above) 62-64

2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II. Minimum of 18 semester hours of courses taken to fulfill major requirements must be courses offered by Appalachian.

A. Chemistry (32 semester hours)

- CHE 1101 _____ (3) Introductory Chemistry I (Co: CHE 1110)
- CHE 1110 _____ (1) Introductory Chemistry I Lab (Co: CHE 1101)
- CHE 1102 _____ (3) Introductory Chemistry II (Pre: CHE 1101/1110; Co: 1120)
- CHE 1120 _____ (1) Introductory Chemistry II Lab (Co: CHE 1102)

Choose one 4 hour organic chemistry sequence:

- CHE 2101 _____ (3) Fundamentals of Organic Chemistry (Pre: CHE 1102/1120; Co: CHE 2102)
- CHE 2102 _____ (1) Fundamentals of Organic Chemistry Lab (Co: CHE 2101)

OR

- CHE 2201 _____ (3) Organic Chemistry I (Pre: CHE 1102/1120; Co: CHE 2203)
- CHE 2203 _____ (1) Organic Chemistry I Lab (Pre: CHE 1102/1120; Co: CHE 2201)

- CHE 2210 _____ (3) Quantitative Analysis (Pre: CHE 1102/1120; Co: CHE 2211)
- CHE 2211 _____ (1) Quantitative Analysis Lab (Co : CHE 2210)
- CHE 3000 _____ (1) Introduction to Chemical Research (Pre: CHE 2101 or 2202; CHE 2210)
- CHE 3301 _____ (3) Physical Chemistry I (Pre: CHE 2210/2211; MAT 1120; PHY 1151)
- CHE 3303 _____ (1) Physical Chemistry I Laboratory [WID] (Pre: ENG 2001; Pre/Co: CHE 3301)
- CHE 3404 _____ (3) Inorganic Chemistry (Pre: CHE 3301)
- CHE 4000 _____ (1) Chemistry Seminar [CAP] (Pre: CHE 3000, 3303)

Plus an additional 7 semester hours of chemistry courses: _____

B. Physics (10 semester hours)

- PHY 1150 _____ (5) Analytical Physics I (Pre: MAT 1110)
- PHY 1151 _____ (5) Analytical Physics II (Pre: MAT 1120)

C. Mathematics (8 semester hours)

- MAT 1110 _____ (4) Calculus with Analytic Geometry I (Pre: MAT 1025 w/min grade of C-)
- MAT 1120 _____ (4) Calculus with Analytic Geometry II (Pre: MAT 1110 w/min grade of C-)

D. Other Science (6-8 semester hours) An additional 6-8 semester hours selected from astronomy, biology, geology, or physics.

GLY 2301 may be used in General Education Perspectives.

_____ (Physics courses at the 1000 level and PHY 3350 are not accepted)

E. Individually Designed Concentration (18 semester hours)

A concentration to prepare the chemistry major to pursue other career opportunities may be developed in consultation with the chairperson of the Department of Chemistry and must be individually approved.

Course	Hours	Course	Hours	Course	Hours
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

III. MINOR (optional)

Student Signature: _____
Advisor Signature: _____
Chairperson Signature: _____
Date: _____ Date Sent to Dean's Office: _____

IV. ELECTIVES (taken to total 122 hours for the degree)..... 14-16

2 semester hours of free electives must be outside the major discipline.

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