

Bachelor of Science - Chemistry

CHEM 1410, 1420 General Chemistry I & II
 CHEM 2430 Quantitative Analysis
 CHEM 3410, 3420 Organic Chemistry I & II
 CHEM 3431, 3432 Physical Chemistry I & II
 CHEM 3441 Biochemistry I
 CHEM 4101 Literature Seminar
 CHEM 4480 Inorganic Chemistry

any two from:

CHEM 3350 Organic Structure Analysis
 CHEM 3440 Environmental Chemistry
 CHEM 3442 Biochemistry II
 CHEM 4440 Instrumental Methods of Analysis

supporting courses:

PHYS 1410, 1420 General Physics I & II
 or PHYS 2510, 2520 or University Physics I & II
 MATH 2421, 2322 Calculus I & II
 MATH 3351 Statistics

Total hours: 62-65 (minor is NOT required)

Bachelor of Science - Biochemistry

CHEM 1410, 1420 General Chemistry I & II
 CHEM 2430 Quantitative Analysis
 CHEM 3410, 3420 Organic Chemistry I & II
 CHEM 3441, 3442 Biochemistry I & II
 CHEM 4101 Literature Seminar

any one from:

CHEM 3360 Biophysical Chemistry
 CHEM 3431 Physical Chemistry

any one from:

CHEM 3350 Organic Structure Analysis
 CHEM 3432 Physical Chemistry II
 CHEM 4440 Instrumental Methods of Analysis
 CHEM 4480 Inorganic Chemistry

any one from:

BIOL 3410 Microbiology
 BIOL 3460 Genetics

supporting courses:

PHYS 1410, 1420 General Physics I & II
 or PHYS 2510, 2520 or University Physics I & II
 MATH 2421, 2322 Calculus I & II
 BIOL 1301 Unicellular Organisms
 BIOL 4320 Molecular & Cellular Biology
 BIMS 4120 Molecular & Cellular Lab

Total hours: 61-65 (minor is NOT required)

Bachelor of Arts - Chemistry

CHEM 1410, 1420 General Chemistry I & II
 CHEM 3410, 3420 Organic Chemistry I & II
 CHEM 3441 Biochemistry I
 CHEM 4101 Literature Seminar
 CHEM 4480 Inorganic Chemistry

any one from:

CHEM 3360 Biophysical Chemistry
 CHEM 3431 Physical Chemistry I

any one from:

CHEM 2430 Quantitative Analysis
 CHEM 3440 Environmental Chemistry

supporting courses:

PHYS 1410, 1420 General Physics I & II
 MATH 2421, 2322 Calculus I & II

Total hours: 47-48 (minor IS REQUIRED)

minor - chemistry

CHEM 1410, 1420 General Chemistry I & II
 CHEM 2430 Quantitative Analysis

any two from:

CHEM 3410, 3420 Organic Chemistry I & II
 CHEM 3431, 3432 Physical Chemistry I & II

Total hours: 20

minor - biochemistry

CHEM 1410, 1420 General Chemistry I & II
 CHEM 3410, 3420 Organic Chemistry I & II
 CHEM 3441, 3442 Biochemistry I & II

Total hours: 24