Chemistry gives you the tools to think analytically, solve problems, and create novel materials with unusual properties that can be used in diverse fields in and out of science! A strong foundation in chemistry, coupled with a background in a variety of other disciplines (biology, geology, medicine, toxicology, engineering, physics, pharmacy—even art and business management) - can give you the confidence and flexibility to take on unusual and challenging careers.

Chemists are everywhere—you’ll find them in the chemical industry, biotechnology, pharmaceuticals, space industry, environmental technologies, medicine and health administration, forensic chemistry, textiles and plastics, cosmetics, toxicology, art restoration, management, chemicals, oil industry, art restoration, materials science and architecture, interior design, food industry (chemists make great chefs!), geological and archeological undertakings, and more!

The list is endless. Chemistry empowers you to use your imagination in creative ways and forge new ground.

**Bachelor of Science combined major/minor sequence (85-88 credits):**

The B.S. is the standard choice for chemistry majors. To obtain this degree, take the courses listed below and then choose an emphasis in either chemistry or forensic chemistry. Highly motivated students may also choose the B.S./M.S. program.

**Chm 20**  Gen Chemistry I (or CHM 130)

**Chm 21**  Gen Chemistry I (or CHM 130)

**Chm 24**  Gen Chemistry Lab I

**Chm 25**  Gen Chemistry II (or CHM 131)

**Chm 220**  Organic Chemistry

**Chm 221**  Organic Chemistry Lab I

**Chm 222**  Organic Chemistry Lab II

**Chm 223**  Organic Chemistry Lab III

**Chm 225**  Organic Chemistry Lab IV

**Chm 350**  Physical Chemistry

**Chm 351**  Physical Chemistry I

**Chm 352**  Physical Chemistry Lab

**Chm 420**  Inorganic Chemistry

**Mathematics (22 credits):**

**Mat 111**  Calculus I for Mat 111

**Mat 112**  Calculus II

**Mat 213**  Calculus III

**Physics (8 credits):**

**Phy 140**  Physics I

**Phy 145**  Physics Lab I

**Phy 150**  Physics II

**Phy 155**  Physics Lab II

**Physics (2 credits):**

**Phy B5**  General Physics I

**Phy B6**  General Physics Lab I

**Phy B8**  General Physics II

**Phy B9**  General Physics Lab II

**Physics (2 credits):**

**Phy B5**  General Physics I

**Phy B6**  General Physics Lab I

**Phy B8**  General Physics II

**Phy B9**  General Physics Lab II

**Bachelor of Arts combined major/minor sequence (65-68 credits):**

For this degree, take only the highlighted courses on the left and add the following:

**Chm 320**  Intro Physical Chemistry

**Chm 321**  Intro to Exp. Phys. Chem lab

**Chm 330**  Instrumental Analysis

Plus 6 credits in advanced chemistry, which includes at least 3 credits in courses other than Chm 424, Chm 425, and Chm 426

**Physics (14 credits):**

**Phy B5**  General Physics I

**Phy B6**  General Physics Lab I

**Phy B8**  General Physics II

**Phy B9**  General Physics Lab II

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