

Bachelor of Arts in Chemistry

University of Missouri-St. Louis

• General Education Requirements

Freshman Composition: _____

Advanced Expository Writing-Junior Level English Requirement (Eng 3100 or Eng 3160 preferred):

American History and Government Requirement: (1 course)

Cultural Diversity Requirement (1 course, see Bulletin for list):

Foreign Language (must fulfill College requirement):

1. _____

2. _____

3. _____

Communicating (2 courses or 6 hours):

Managing Information (1 course or 3 hours):

Valuing (1 course or 3 hours):

Social and Behavioral Sciences (3 course or 9 hours):

Humanities and Fine Arts (3 courses or 9 hours):

Mathematical and Life/Natural Sciences (4 three-hour courses
or 12 hours):

• Core Curriculum

- Chemistry 1111 Introductory Chemistry I (5)

- Chemistry 1121 Introductory Chemistry II (5)

- Chemistry 2223 Quantitative Analysis (3)

- Chemistry 3022 Intro. to Chemical Literature (1)

- Chemistry 3312 Physical Chemistry I (3)

- Chemistry 3322 Physical Chemistry II (3)

- Chemistry 3333 Physical Chemistry Laboratory I (2)

- Chemistry 3412 Basic Inorganic Chemistry (2)

- Chemistry 2612 Organic Chemistry I (3)

- Chemistry 2622 Organic Chemistry II (3)

- Chemistry 2633 Organic Chemistry Laboratory (2)

- Chemistry 4897 Seminar (1)

• Advanced Laboratory Requirement

(One laboratory course chosen from: Chemistry 4343, 4433, 3643, 4233 or 4733; lecture prerequisites required for 4433 and 4233)

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• Related Area Requirements:

- Math 1800 Analytical Geometry & Calculus I (5)

- Math 1900 Analytical Geometry & Calculus II (5)

- Math 2000 Analytical Geometry & Calculus III (5)

- Phys 2111 Physics: Mechanics and Heat (5)

- Phys 2112 Physics: Electricity, Magnetism & Optics (5)

• Major Field Achievement Test:

• Electives:

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