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)

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

- **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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