### BASIC REQUIREMENTS

**Expository Writing I**
- (3)

**Expository Writing II**
- (3)

**Public Speaking**
- (2-3)

**Humanities: 4 courses**
- (11)
  1. **Fine Arts**
  2. **Philosophy (except Logic)**
  3. **Western Heritage**
  4. **Literary or Rhetorical Arts**

**Social Sciences: 4 courses**
- (12)
  1. **Life Science with Lab**
  2. **Physical Science with Lab**
  3. **Life or Physical Science**
  4. **Course w/ prereq in same department**

**Quantitative: (4-9)**
- 1. **Upper-division electives** from: BIOCH, CHM, BIOL, STAT, CIS, MATH, analytical geometry and calculus III, or differential equations (12 Credit Hours)
- 2. **International Overlay: 1 course**
- 3. **US Multicultural Overlay: 1 course**

**Retakes**
- 1. 4.
- 2. 5.
- 3. 6.

**Activity Hours - 4 - 8 hours**
- 1. 5.
- 2. 6.
- 3. 7.
- 4. 8.

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### Biochemistry

**Biochemistry Courses**
- BIOCH 110 - Biochemistry and Society
- BIOCH 521 - General Biochemistry
- BIOCH 522 - General Biochemistry Lab
- BIOCH 755 - Biochemistry I
- BIOCH 756 - Biochemistry I Laboratory
- BIOCH 765 - Biochemistry II
- BIOCH 775 - Molecular Biophysics

**Biochemistry Track**

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<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Grade</th>
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<tbody>
<tr>
<td>BIOCH 110 - Biochemistry and Society</td>
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<tr>
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<td>BIOCH 765 - Biochemistry II</td>
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<tr>
<td>BIOCH 775 - Molecular Biophysics</td>
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**Chemistry Courses**
- CHM 210 - Chemistry I
- CHM 230 - Chemistry II
- CHM 350 - General Organic Chemistry
- CHM 351 - General Organic Chemistry Lab
- CHM 371 - Chemical Analysis
- CHM 500 - General Physical Chemistry

**Mathematics Courses**
- MATH 220 - Analytic Geometry and Calculus I
- MATH 221 - Analytic Geometry and Calculus II

**Physics Courses**
- PHYS 114 OR PHYS 213 - General Physics I
- PHYS 214 - General Physics II

**Statistics Courses**
- STAT 703 - Intro to Statistical Methods

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**K-State 8**

- Aesthetic Interpretation
- Human Diversity within the U.S.
- Historical Perspectives
- Natural and Physical Sciences
- Global Issues and Perspectives
- Social Sciences
- Ethical Reasoning and Responsibility
- Empirical and Quantitative Reasoning

**Free Elective**

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**TRANSFER CREDITS PRESENTED**

Only 1/2 of the hours required for a KSU Degree can be applied from a two-year college.

### Graduation Requirements

**TOTAL hours required**
- 120

**KSU graded hours attempted**
- 

**KSU non-graded hours applied**
- 

**Transfer credit hours applied**
- 

**Below 100 level course**
- 

**Extra Activity Hours**
- 

**Overall KSU GPA**
- 

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**Arts and Sciences Basic Requirements:**
- [http://artsci.k-state.edu/student-resources/academics/advising_resources/Requirement%20sheets.pdf](http://artsci.k-state.edu/student-resources/academics/advising_resources/Requirement%20sheets.pdf)

**K-State 8 Course List:**
- [http://www.k-state.edu/kstate8/lists/](http://www.k-state.edu/kstate8/lists/)