### BASIC REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expository Writing I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Expository Writing II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Public Speaking</td>
<td>(2-3)</td>
<td></td>
</tr>
<tr>
<td>Humanities: 4 courses</td>
<td>(11)</td>
<td></td>
</tr>
<tr>
<td>1. Fine Arts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Philosophy (except Logic)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Western Heritage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Literary or Rhetorical Arts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Science: 4 courses</td>
<td>(12)</td>
<td></td>
</tr>
<tr>
<td>1. Fine Arts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Philosophy (except Logic)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Western Heritage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Literary or Rhetorical Arts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural Sciences: 4 courses</td>
<td>(14)</td>
<td></td>
</tr>
<tr>
<td>1. Life Science with Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Physical Science with Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Life or Physical Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Course w/ prereq in same department</td>
<td>(4-9)</td>
<td></td>
</tr>
<tr>
<td>Quantitative:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Overlay: 1 course</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>US Multicultural Overlay: 1 course</td>
<td>(3)</td>
<td></td>
</tr>
</tbody>
</table>

**Microbiology**

Block A:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 220 - Analytical Geometry &amp; Calculus</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHM 210 - Chemistry I</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHM 230 - Chemistry II</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHM 350 - General Organic Chemistry</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHM 351 - General Organic Chemistry Lab</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>BIOCH 521 - General Biochemistry</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHYS 113 - General Physics I</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYS 114 - General Physics II</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Block B:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 198 - Principles of Biology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BIOL 450 - Modern Genetics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BIOL 455 - General Microbiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BIOL 541 - Cell Biology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BIOL 670 - Immunology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BIOL 675 - Genetics of Microorganisms</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BIOL 687 - Microbial Ecology</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Block C:

Students must take an additional 10 hours from courses listed. 5 to 10 hours from List 1 can be taken. Up to 5 hours from List 2 can be taken. At least 5 of the 10 hours must be lab credits. List 1: AGRON 645, 646; BIOL 365, 410, 495 OR 697, 520, 530, 545, 546, 604, 609, 625, 671, 676, 690, 698, 705, 707, 730, 731; FDSCI 600, 601. List 2: ASI 540, 720; BIOCH 522, 571, 576, 676, 677, 775; DMP 705, 706, 708, 754, 770; PLPTH 500, 585, 610.

### 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**

KSU graded hours attempted

KSU non-graded hours attempted

Transfer credit hours applied

Less:

KSU hours of F

Below 100 level course

Extra Activity Hours

**Total:**

**CURRENT SEMESTER:**

**REMAINING HOURS:**

**REMAINING 300+ HOURS:**

**OVERALL KSU GPA**