## UTEP College of Science: Bachelor of Science Degree Plan

### MICROBIOLOGY

**UNIVERSITY CORE CURRICULUM for this MAJOR**

A maximum of 66 hours may be transferred from two-year institutions to UTEP degree programs.

### A General Education

**COURSE NAME**

<table>
<thead>
<tr>
<th>UTEP</th>
<th>EPCC</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Minimum &quot;C&quot; grades required)</td>
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</tbody>
</table>

#### 6 American History (6 credits) - must take both

- History of the U.S. to 1865
  - UTEP: HIST 1301
  - EPCC: HIST 1301
- History of the U.S. since 1865
  - UTEP: HIST 1302
  - EPCC: HIST 1302

#### 7 Government/Political Science (6 credits)**

- Introduction to Politics
  - UTEP: POLS 2310
  - EPCC: GOVT 2305
- American Government & Politics
  - UTEP: POLS 2311
  - EPCC: GOVT 2306

#### 8 Social and Behavioral Sciences (3 credits) - choose 1 course

- Intro to Physical Anthropology & Archaeology
  - ANTH 1301
- Intro to Social & Cultural Anthropology
  - ANTH 1302
- Cultural Geography
  - ANTH 1310
- Introduction to Linguistics
  - ANTH 2320
- Economics for Engineers and Scientists
  - CE 2326
- Interpersonal Communication
  - COMM 2350
- Mass Media and Society
  - COMM 2372
- Principles of Macroeconomics
  - ECON 2303
- Principles of Microeconomics
  - ECON 2304
- Introduction to Educational Psychology
  - EDPC 1301
- Action Research in Classrooms
  - EDU 1342
- Introduction to Linguistics
  - ENGL 2320
- Cultural Geography
  - GEOG 1310
- An Introduction to Linguistics
  - LING 2320
- Language Inside and Out: Select Topics
  - LING 2340
- Introduction to Psychology
  - PSYC 1301
- Introduction to Sociology
  - PSYC 2301
- Cultural Geography
  - SOCI 1310

#### 9 Component Area Option (6 credits) - choose 2 courses

- Introduction to Global Business
  - BUSN 1301
- Public Speaking
  - COMM 1301
- Business/Professional Communication
  - COMM 1302
- Intro-Computational Thinking
  - CS 1310
- Computer Programming Sci/Eng
  - CS 1320
- Scientific Inquiry
  - SCI 1301
- Seminar/Critical Inquiry
  - UNIV 1301

### IMPORTANT

1. It is recommended that both Political Science courses be completed at EPCC then transferred to UTEP or both be completed at UTEP.
2. All courses used to satisfy the core curriculum must be completed with a grade of "C" or better. This also applies to courses transferred from EPCC.
3. No substitutions will be allowed in the Core Curriculum.
<table>
<thead>
<tr>
<th>LOWER DIVISION COURSES for the MAJOR</th>
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### C Required Chemistry Courses (19 credits)

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>UTEP</th>
<th>EPCC</th>
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</thead>
<tbody>
<tr>
<td>General Chemistry I</td>
<td>CHEM 1305-1105</td>
<td>CHEM 1311-1111</td>
</tr>
<tr>
<td>General Chemistry II</td>
<td>CHEM 1306-1106</td>
<td>CHEM 1312-1112</td>
</tr>
<tr>
<td>Organic Chemistry I</td>
<td>CHEM 2324-2124</td>
<td>CHEM 2423</td>
</tr>
<tr>
<td>Organic Chemistry II</td>
<td>CHEM 2325-2125</td>
<td>CHEM 2425</td>
</tr>
<tr>
<td>Biochemistry I</td>
<td>CHEM 3330</td>
<td>no equivalent</td>
</tr>
</tbody>
</table>

### E Electives (11 credits)

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>UTEP</th>
<th>EPCC</th>
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<tbody>
<tr>
<td>4 Upper Division Hours (inside or outside the major)</td>
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<td></td>
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<tr>
<td>7 Lower Division Hours (inside or outside major)</td>
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### IMPORTANT

1. Upper division coursework = 3000 or 4000 level courses
2. Upper division coursework in the major or upper division electives are only available at UTEP (these are not offered at EPCC).