## MEDICAL/HEALTH PROFESSIONS CAREER PATHWAY MAP

### Recommended Course Sequence

<table>
<thead>
<tr>
<th>Course Sequence</th>
<th>Semesters Offered</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ENGL 1301 Composition I</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td>2. HIST 1301 US History I</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td>3. MATH 2412 Pre-Calculus I</td>
<td>F, SP, SU</td>
<td>4</td>
</tr>
<tr>
<td>4. BIOL 1406 Biology for Science Majors I **</td>
<td>F, SP</td>
<td>4</td>
</tr>
<tr>
<td>5. BCIS 1305 Business Computer Applications +</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td>6. ENGL 1302 Composition II</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td>7. HIST 1302 US History II</td>
<td>F, SP</td>
<td>3</td>
</tr>
<tr>
<td>8. MATH 2413 Calculus I</td>
<td>F, SP, SU</td>
<td>4</td>
</tr>
<tr>
<td>9. BIOL 1407 Biology for Science Majors II **</td>
<td>F, SP</td>
<td>4</td>
</tr>
</tbody>
</table>

** 17 hours **

<table>
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<th>Course Sequence</th>
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<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. GOVT 2305 Federal Government</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td>11. CHEM 1411 General Chemistry I</td>
<td>F, SP, SU</td>
<td>4</td>
</tr>
<tr>
<td>12. PSYC 2301 General Psychology *</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td>13. ARTS 1301 Art Appreciation *</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td>14. PHYS 1401 College Physics I **</td>
<td>F, SP, SU</td>
<td>4</td>
</tr>
<tr>
<td>15. GOVT 2306 Texas Government</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td>16. CHEM 1412 General Chemistry II **</td>
<td>F, SP, SU</td>
<td>4</td>
</tr>
<tr>
<td>17. PHYS 1402 College Physics II **</td>
<td>F, SP, SU</td>
<td>4</td>
</tr>
<tr>
<td>18. PHIL 1301 Introduction to Philosophy *</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td>19. SPCH 1315 Public Speaking *</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
</tbody>
</table>

** 48 hours **

*** Associate of Science Degree Earned ***

** 65 hours **

### Additional Notes

- **Note:** Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours.

- **READ ALL NOTES CAREFULLY:**
  - Refer to Core Curriculum and KC Catalog for all possible course options.
  - Computer Competency Requirement must be met in order to earn an AS Degree. Click Here For Computer Competency Information
  - MATH 1314 (College Algebra) is a pre-requisite for this course. Approval is needed to begin in MATH 2412.
  - [Biology, Chemistry and Physics courses have corequisite laboratory classes]
  - a) Courses in **bold** have a pre-requisite (previous course required).
  - b) Courses in *italics* can be taken in any order.
  - c) ENGL 1301 and the first MATH class may require a co-requisite and/or developmental course depending on TSI Scores.
  - d) Refer to KC Catalog for AS Degree Requirements.

### Career Opportunities

Pre Medicine, Pre Dentistry, Pre Physical Therapy, Genetics, Biotechnology

### Advanced Degree/Credential Opportunities

Bachelor of Science in Biology

### Links to Colleges and Professional Organizations:

University of Texas at Tyler Department of Biology: [https://www.uttler.edu/biology/](https://www.uttler.edu/biology/)

Stephen F. Austin State University Department of Biology: [http://www.sfasu.edu/biology/](http://www.sfasu.edu/biology/)

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