



# BIOLOGY CAREER PATHWAY MAP

✓	RECOMMENDED COURSE SEQUENCE	SEMESTERS OFFERED	CREDIT HOURS
<input type="checkbox"/>	1. ENGL 1301 <i>Composition I</i>	F, SP, SU	3
<input type="checkbox"/>	2. HIST 1301 <i>US History I</i>	F, SP, SU	3
<input type="checkbox"/>	3. <b>MATH 2412 Pre-Calculus I</b>	F, SP, SU	4
<input type="checkbox"/>	4. BIOL 1406 <i>Biology for Science Majors I</i> **	F, SP	4
<input type="checkbox"/>	5. BCIS 1305 <i>Business Computer Applications +</i>	F, SP, SU	3
			17 hours
<input type="checkbox"/>	6. ENGL 1302 <i>English Composition II</i>	F, SP, SU	3
<input type="checkbox"/>	7. HIST 1302 <i>US History II</i>	F, SP, SU	3
<input type="checkbox"/>	8. <b>MATH 2413 Calculus I</b>	F, SP, SU	4
<input type="checkbox"/>	9. BIOL 1407 <i>Biology for Science Majors II</i> **	F, SP	4
			31 hours
<input type="checkbox"/>	10. GOVT 2305 <i>Federal Government</i>	F, SP, SU	3
<input type="checkbox"/>	11. <b>CHEM 1411 General Chemistry I</b> **	F, SP, SU	4
<input type="checkbox"/>	12. PSYC 2301 <i>General Psychology</i>	F, SP, SU	3
<input type="checkbox"/>	13. ARTS 1301 <i>Art Appreciation</i> *	F, SP, SU	3
<input type="checkbox"/>	14. <b>PHYS 1401 College Physics I</b> **	F, SP, SU	4
			48 hours
<input type="checkbox"/>	15. GOVT 2306 <i>Texas Government</i>	F, SP, SU	3
<input type="checkbox"/>	16. <b>CHEM 1412 General Chemistry II</b> **	F, SP, SU	4
<input type="checkbox"/>	17. <b>PHYS 1402 College Physics II</b> **	SP	4
<input type="checkbox"/>	18. PHIL 1301 <i>Introduction to Philosophy</i> *	F, SP, SU	3
<input type="checkbox"/>	19. SPCH 1315 <i>Public Speaking</i> *	F, SP, SU	3
	*** Associate of Science Degree Earned ***		65 hours
	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](#)
- \*\* [Biology, Chemistry and Physics courses have corequisite laboratory classes]
- ! MATH 1314 (College Algebra) is a pre-requisite for this course. Approval is needed to begin in MATH 2412.
- 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

Teaching, Research, Healthcare, Environmental, Genetics, Ecology, Biotechnology, Forensic Science, Zoology, Botany, Microbiology

## ADVANCED DEGREE/CREDENTIAL OPPORTUNITIES

Bachelor's, Master's, and PhD. In Biology  
Pre—Medicine, Pre-Dentistry

## LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

University of Texas at Tyler Department of Biology <https://www.uttyler.edu/biology/>  
 Stephen F. Austin University Department of Biology <http://www.sfasu.edu/biology/>  
 University of Texas at Austin Biological Sciences <https://www.biosci.utexas.edu/>  
 Texas A&M Department of Biology <http://www.biotamu.edu/>

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