

2017-2018 Associate of Science (AS) in Biology*

EXPECTED DEGREE

AS in Biology (60 sch)

*Students following this degree plan will be required to pass Computer Competency Exam in order to graduate.

** Please see an academic advisor or Biology department chair to discuss degree requirements for your transfer university.

¹ If you cannot take 16-18 sch in the semester, we recommend you take this course in the summer.

PROGRAM DESCRIPTION

AS Biology (BIOL) can lead to university transfer for a Bachelor of Science in Biology, Microbiology, or Biology with Teaching Certification in Life Science. AS BIOL is also ideal for students interested in pre medical, dental, pharmacy, or veterinary programs. AS BIOL students interested in these bachelor's degrees must work with an academic advisor and/or Biology department chair to determine transferrable coursework.

Tuition Costs and Scholarship information for this degree can be found at:
<http://catalog.templejc.edu/content.php?catoid=9&navoid=365>

Information for **Financial Aid** assistance can be found at:
<http://templejc.edu/admissions/financial-aid/>

PROGRAM REQUIREMENTS

FIRST SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
ENGL 1301 - Composition I±	3			**Meet with an academic advisor or department chair for university specific transfer course. ±Must successfully complete course in order to progress in the AS BIOL degree. DO THIS: Meet with academic advisor or Biology department chair to obtain copy of transfer university degree plan and to determine G.P.A. needed to transfer to desired university.
BIOL 1406 or BIOL 1411**±	3			
CHEM 1411 - General Chemistry I**±	4			
HIST 1301 - United States History ¹	4			
Semester Credit Hours	14			
SECOND SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
ENGL 1302 - Composition II	3			** Meet with an academic advisor or department chair for university specific transfer course. ± Must successfully complete course in order to progress in the AS BIOL degree. DO THIS: Schedule a campus tour with transfer university.
HIST 1302 - United States History II*	3			
BIOL 1407 or BIOL 1413**±	4			
CHEM 1412 - General Chemistry II±	4			
Any course from the Creative Arts core** ¹	3			
Semester Credit Hours	17			
THIRD SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
GOVT 2305 - Federal Government	3			** Meet with an academic advisor or department chair for university specific transfer course. DO THIS: Confirm courses for completion of AS degree by meeting with an academic advisor or department chair. DO THIS: Start applying for admission to transfer university, and send first official transcript to transfer university.
MATH 2413 - Calculus I	4			
Select one course from list below^**	3-4			
Select second course from list below^**	3-4			
PSYC 2301, SOCI 1301, ECON 2301 or ECON 2302** ¹	3			
Semester Credit Hours	16-18			
FOURTH SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
GOVT 2306 - Texas Government	3			**Meet with an academic advisor or department chair for university specific transfer course. DO THIS: Apply for graduation for AS Biology. DO THIS: Confirm admission to transfer university, and send final official transcript to transfer university at end of semester.
Select third course from list below^**	3-4			
Select fourth course from list below, if needed.^**±	3-4			
Any course from Lang/Phil/Culture core** ¹	3-4			
Semester Credit Hours	11-13			
Total Credit Hours	60			

CAREER OPPORTUNITIES - All data listed below incorporate Central Texas jobs and entry wages found on <http://www.texaswages.com/WDAWages>

High School Biology Teacher

\$41,779

w/Bachelor's Degree + Teacher Certification

Microbiologist

\$54,380

w/Bachelor's Degree

Veterinarian

\$85,513

w/Doctoral Degree

Physician/Surgeon

\$78,605

w/Doctoral Degree

^AS Biology Elective Options: BIOL 1322, BIOL 2389, BIOL 2416, BIOL 2421, HORT 1401, CHEM 2423 or CHEM 2425

±Must take fourth course from elective option list if you take fewer than 12 hours in the first three elective course options.

**University Transfer Guide for
2107-2018 Associate of Science in Biology**

PROGRAM REQUIREMENTS	Texas A&M-Central Texas Bachelor of Science in Biology		Check when Completed	Texas State University Bachelor of Science in Biology		Check when Completed	Texas A&M-College Station Bachelor of Science in Biology		Check when Completed
	Temple College	TAMUCT	✓	Temple College	Texas State	✓	Temple College	TAMU	✓
FIRST SEMESTER	ENGL 1301	ENGL 1301		ENGL 1301	ENG 1310		ENGL 1301	ENGL 103	
	BIOL 1406	BIOL 1406		BIOL 1406	BIO 1330		BIOL 1406	BIOL 111	
	CHEM 1411	CHEM 1411		CHEM 1411	CHEM 1341		CHEM 1411	CHEM 101/111	
	MATH 2413	MATH 2413		MATH 2413	MATH 2471		MATH 2413	MATH 151	
	HIST 1301 ¹	HIST 1301 ¹		HIST 1301 ¹	HIST 1310 ¹		HIST 1301 ¹	HIST 105 ¹	
SECOND SEMESTER	ENGL 1302	ENGL 1302		ENGL 1302	ENG 1320		ENGL 1302	ENGL 104	
	BIOL 1407	BIOL 1407		BIOL 1407	BIO 1331		BIOL 1407	BIOL 112	
	CHEM 1412	CHEM 1412		CHEM 1412	CHEM 1342		CHEM 1412	CHEM 102/112	
	HIST 1301	HIST 1301		MATH 1442 or 2414	MATH 2328 or 2331		MATH 2414	MATH 152	
	Creative Arts Core ¹	Creative Arts Core ¹		HIST 1302 ¹	HIST 1302 ¹		HIST 1302 ¹	HIST 106 ¹	
THIRD SEMESTER	CHEM 2423	CHEM 2423		CHEM 2423	CHEM 2141		CHEM 2423	CHEM 227	
	GOVT 2305	GOVT 2305		GOVT 2305	POSI 2320		GOVT 2305	POLS 206	
	PHYS 1401	PHYS 1401		BIOL 2421	BIO 2400		BIOL 2416	BIOL Elective	
	Soc/Behave Sci Core ¹	Soc/Behave Sci Core ¹		Soc/Behave Sci Core ¹	Soc/Behave Sci Core ¹		Soc/Behave Sci Core ¹	Soc/Behave Sci Core ¹	
FOURTH SEMESTER	CHEM 2425	CHEM 2425		CHEM 2425	CHEM 2142		CHEM 2425	CHEM 238	
	GOVT 2306	GOVT 2306		GOVT 2306	POSI 2310		GOVT 2306	POLS 207	
	BIOL 2421	BIOL 2421		SPCH 1311	COMM 1310		Creative Arts Core	Creative Arts Core [^]	
	Lang/Phil/Cult Core	Lang/Phil/Cult Core		ENGL Literature	ENGL Literature [^]		Lang/Phil/Cult Core	Lang/Phil/Cult Core [^]	
				Creative Arts Core	Creative Arts Core [^]				

Notes for Students:

Course Equivalency Guides for all institutions can be found at https://www.tccns.org/	
¹ If you cannot take 18 sch in the semester, we recommend you take this course in the summer.	
TAMUCT	1. Must take/pass Computer Competency Exam in order to graduate with AS BIOL.
Texas State	^Texas State Core Curriculum can be found at http://www.admissions.txstate.edu/future/transfer/curriculum.html 1. Must take/pass Computer Competency Exam in order to graduate with AS BIOL. 2. Recommend completing PHIL 1301 or 2306, PHYS 1401, PHYS 1402, and BIOL 2416 prior to transfer.
TAMU College Station	^Texas A&M Core Curriculum can be found at http://core.tamu.edu/ 1. Must take/pass Computer Competency Exam in order to graduate with AS BIOL. 2. BIOL 2401, 2402, and 2421 will not be acceptable for any BS Biology degree plan. 3. Recommend completing PHYS 1401, and 1402 prior to transfer.