Temple University College of Science & Technology
Associate in Science in Life Sciences at Montgomery County Community College
to the Bachelor of Science in Biology at Temple University
(Effective Fall 2020)

Montgomery County CC Recommended Course			Temple University Equivalent	
First Semester		***Credits***	***First Semester***	
ENG 101	English Composition I	3	ENG 0802	Analytical Reading & Writing
MAT 130	Probability & Statistics	4	STAT 2103	Statistical Business Analytics
CHE 151	Principles of Chemistry I	4	CHEM 1031 AND CHEM 1033	General Chemistry I General Chemistry Laboratory I
BIO 151	Principles of Biology I	4	BIOL 2112	Intro to Cellular & Molecular Biology
	Cultural Awareness and Diversity	3		Dependent Upon Course Selection Note 8
	Semester Total:	**18**		
Second Semester			***Second Semester***	
CMS 120	Public Speaking	3	CSI 1111	Public Speaking
MAT 190	Calculus and Analytic Geometry I	4	MATH 1041	Calculus I
CHE 152	Principles of Chemistry II	4	CHEM 1032 AND CHEM 1034	General Chemistry II General Chemistry Laboratory II
BIO 152	Principles of Biology II	4	BIOL 1111	Intro to Organismal Biology
	Semester Total:	**15**		
Third Semester			***Third Semester***	
	Any Aesthetic Sensibility Elective	3		Dependent Upon Course Selection Note 8
	Biology Lab Science ***Recommend BIO 256: Ecology*** Note 2	4		Dependent Upon Course Selection Note 8
	Lab Science Elective ***Recommend CHE 261: Organic Chemistry I*** Note 3, 6	4		Dependent Upon Course Selection Note 8
	Technological Fluency	3		Dependent Upon Course Selection Note 8
	Semester Total:	**14**		
Fourth Semester			***Fourth Semester***	
BIO ELECTIVE	Biology Lab Science (BIO-131, BIO 132, BIO 140, or BIO 260) Note 4	4		Dependent Upon Course Selection Note 8
	Lab Science ***Recommend CHEM 262: Organic Chemistry II*** Note 5, 6	4		Dependent Upon Course Selection Note 8
	Open Elective ***Recommend MATH 201: Calculus II*** Note 7	3		Dependent Upon Course Selection Note 8
	Ethical Perspectives	3		Dependent Upon Course Selection Note 8
	Semester Total:	**14**		
	Total Credits Taken:	**61**		

Notes: *Students following this plan are under the GenEd-to-GenEd General Education program.*

1) Students who transfer to Temple with an A.S. in Life Sciences have satisfied the terms of the Temple-MCCC GenEd-to-GenEd transfer agreement and have completed the General Education requirements necessary to graduate from Temple University.
2) Students should select BIO 256: Ecology. BIO 256 transfers to Temple as BIOL 2227: Principles of Ecology and satisfies a major requirement at Temple. Students transferring without this course may require additional time to degree completion.
3) Students should select CHE 261: Organic Chemistry I. CHE 261 transfers to Temple as CHEM 2201: Organic Chemistry I and CHEM 2203: Organic Chemistry Laboratory I and satisfies a major requirement. Students transferring without this course may require additional time to degree completion.
4) Students should not select BIO 260 as BIO 260 is equivalent to the non-writing intensive (BIO 2203) of Genetics; The writing

intensive BIOL 2296 Genetics course is required to be completed at Temple University. Students who choose to complete BIO 260 at Montco will be required to complete an additional writing intensive biology course in lieu of BIOL 2296.

5) Students should select CHE 262: Organic Chemistry II. CHE 262 transfers to Temple as CHEM 2202: Organic Chemistry II and CHEM 2204: Organic Chemistry Laboratory II and satisfies a major requirement at Temple**.** Students transferring without this course may require additional time to degree completion.
6) Students who transfer without CHEM 261 and CHEM 262 will not have the prerequirsite coursework necessary to enroll in BIOL 3096 in the first semester at Temple. BIOL 3096 is a prerequisite for other Temple courses. Student who are unable to take this course in their first semester at Temple will significantly delay their time to graduation.
7) Students should select MATH 201: Calculus II. MATH 201 transfers to Temple as MATH 1042: Calculus II and satisfies a major requirement. Students transferring without this course may require additional time to degree completion.
8) To see how courses might transfer, consult Temple's Transfer Equivalency Tool: http://admissions.temple.edu/transfer-equivalency-tool. Courses not included in the transfer tool may transfer.

If the suggested classes are successfully completed at Montgomery County Community College and an Associate in Science in Life Sciences degree is awarded, the remaining four semesters for the ***Bachelor of Science in Biology*** *are as follows:*

Remaining Requirements at Temple University		
Fifth Semester		***Credits***
BIOL 3096 (FALL)	Cell Structure and Function (WI)	4
PHYS 2021	General Physics I	4
SCTC 2001	CST Transfer Seminar	1
FREE ELECTIVE	Free Elective	3
FREE ELECTIVE	Free Elective	4
	Semester Total:	**16**
Sixth Semester		
BIOL 2296 (SPRING)	Genetics (WI)	4
PHYS 2022	General Physics II	4
BIOL 2200+	Biology Elective 2200+ Note C	3-4
FREE ELECTIVE	Free Elective	4-3
	Semester Total:	**15**
Seventh Semester		
BIOL 2200+	Biology Elective 2200+ Note C	3-4
BIOL 2200+	Biology Elective 2200+ Note C	3-4
BIOL 2200+	Biology Elective 2200+ Note C	3-4
FREE ELECTIVE	Free Elective	3
FREE ELECTIVE	Free Elective	3-0
	Semester Total:	**15**
Eighth Semester		
BIOL 2200+	Biology Elective 2200+ Note C	3-4
BIOL 2200+	Biology Elective 2200+ Note C	3-4
FREE ELECTIVE	Free Elective	3
FREE ELECTIVE	Free Elective	3
FREE ELECTIVE	Free Elective	4-2
	Semester Total:	**16**
	Credits transferred from the A.S. in Life Sciences at Montgomery County Community College:	**61**
	Remaining credits to complete B.S. in Biology at Temple:	**62**
	Total Credits Completed to Satisfy the Requirements for B.S. in Biology:	**123**

Notes: *Students following this plan are under the GenEd-to-GenEd General Education program.*

a) To earn a CST baccalaureate degree, a student must complete a minimum of 123 credits, including: 90 credits in CST/CLA courses, 45 credits of which must be at the upper level (numbered 2000-4999).
b) The Biology 2200+ courses range from 3-4 credits for the electives. Therefore, the number of free elective credits required may change depending on whether the BIOL 2200+ courses are 3 or 4 credits.
c) Depending on Biology elective course selection, additional credits may be required in CST/CLA to reach 90 total required CST/CLA credits to graduate with a BS in Biology from Temple University. Student should utilize DARS and consult with CST Advising to determine if free elective credits in final semester must be completed within CST/CLA subject area(s).
d) Temple University requires that all undergraduate degree candidates complete 45 hours of the last 60 hours of the degree or program as matriculated students at Temple University. If a matriculated student previously took Temple courses on a non-matriculated basis, those courses are counted towards this requirement.
e) Per Temple's Transfer Policy for Permission to Complete a Course at Another Institution after Matriculation, students who transfer 60 credits or more cannot receive permissions to transfer additional course work.

Inquiries about the undergraduate program and application are handled through the Office of Admissions (Phone: 215-204-4900; E-mail: admissions@temple.edu)

Inquiries about the B.S. in Biology or specific course requirements can be directed to The College of Science & Technology Center for Academic Advising & Professional Development at cstadv@temple.edu