



Temple University College of Science & Technology Associate of Science in Biology Note 1 at Bucks County Community College to the Bachelor of Science in Biology at Temple University

(Effective Fall 2019)

Bucks County CC Recommended Course		•	ective Fa		
BIOL 121		<u> </u>			
CHEM 121 Chemistry I Chemistry II Chemistry I Chemistry II Chemist	First Semeste	er	Credits	First Semester	
CHEM 121 Chemistry I	BIOL 121	Biological Principles	4	BIOL 2112	Introduction To Cellular & Molecular Biology
COLL 101 College Success Seminar 1 NT, 0 TR, No Equivalency COMP 110 English Composition 3 ENG 0802 Analytic Reading And Writing MATH 125 Precalculus 4 MATH 1022 Precalculus Semester Total: 15 Second Semester CHEM 1032 Analytic Reading And Writing Second Semester CHEM 1032 Analytic Reading And Writing Second Semester CHEM 1032 Analytic Reading And Writing Precalculus Second Semester CHEM 1032 Analytic Reading And Writing Precalculus Second Semester CHEM 1032 Analytic Reading And Writing Precalculus Semester CHEM 1032 Analytic Reading And Writing Precalculus II Laboratory CHEM 1032 Analytic Reading And Writing Precalculus II Laboratory CHEM 1032 Analytic Reading And Writing Precalculus II Laboratory CHEM 1032 Analytic Reading And Writing CHEM 1032 Analytic Reading And Writing Procalculus II Laboratory CHEM 1032 Analytic Reading And Writing CHEM 1032 Analytic Reading And Writing Principles Of Ecology Analytic Reading And Writing Principles Of Ecology Analytic Reading And Writing Precalculus II Note 2 Analytic Reading And Writing Principles Of Ecology Arts/Humanities Semester Total: 16 Semester Total: 17 CHEM 2201 And The Test Chemistry II And				CHEM 1031	General Chemistry I
COLL 101 College Success Seminar COMP 110 English Composition MATH 125 Precalculus Semester Total: Second Semester CHEH 122 Chemistry II English Composition II BIOL 122 Biological Principles II MATH 140 Calculus Semester Total: Semester Total: Third Semester CHEM 221 Organic Chemistry I BIOL 228 Microbiology COMM 110 Effective Speaking Electives Recommend MAT 141: Calculus II Note 2 Semester Total: Fourth Semester CHEM 222 Organic Chemistry II Pourth Semester CHEM 220 Analytic Reading And Writing MATH 102 Precalculus MATH 1032 Precalculus CHEM 1034 General Chemistry II AND CHEM 1034 General Chemistry II AND CHEM 1034 General Chemistry II BIOL 121 Introduction To Organismal Biology MATH L*** Lower Level Elective Note 3 CHEM 2201 AND CHEM 2200 Organic Chemistry I Laboratory CHEM 2203 Organic Chemistry I Laboratory BIOL 228 Microbiology COMM 110 Effective Speaking Electives Recommend MAT 141: Calculus II Note 2 Semester Total: Fourth Semester CHEM 2202 Organic Chemistry II AND CHEM 2202 Organic Chemistry II AND CHEM 2204 Organic Chemistry II AND CHEM 2207 Principles Of Ecology Arts/Humanities 3 Dependent upon course selection Note 3 Social Science/Diversity 3 Dependent upon course selection Note 3 Depende	CHEM 121	Chemistry I	4	—	
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Total Credits Taken: 62		Semester Total:	15		
		Total Credits Taken:	62		

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 Biology have satisfied the terms of the Temple-Bucks GenEd-to-GenEd transfer agreement and have completed the General Education requirements necessary to graduate from Temple University.
- 2) Students should select MATH 141: Calculus II. MATH 141 transfers to Temple as MATH L*** and satisfies a major requirement. Completion of MATH 140 and MATH 141 in transfer will satisfy MATH 1041 Calculus I and MATH 1042 Calculus II requirements in the BS in Biology major at Temple University via DARS exception. Students who do not complete this course sequence at Bucks will require additional time to degree completion.
- 3) To see how courses might transfer, consult Temple's Transfer Equivalency Tool: https://tuportal5.temple.edu/apps/tup/Public/TransferRules/ Courses not included in the transfer tool may transfer.





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

Remaining Requirements at Te	mple University	
Fifth Semester		Credits
BIOL 3096 (F)	Cell Structure And Function (WI)	4
PHYS 2021	General Physics I	4
SCTC 2001	CST Transfer Seminar	1
FREE ELECTIVE	Free Elective Credits	7
	Semester Total:	16
Sixth Semester		
BIOL 2296 (S)	Genetics (WI)	4
PHYS 2022	General Physics II	4
BIOL 2200+ Note b	Biology Elective	3-4
FREE ELECTIVE	Free Elective Credits	3-4
	Semester Total:	15
Seventh Semester		
BIOL 2200+ Note b	Biology Elective	3-4
BIOL 2200+ Note b	Biology Elective	3-4
FREE ELECTIVE	Free Elective Credits	9-7
	Semester Total:	15
Eighth Semester		
BIOL 2200+ Note b	Biology Elective	3-4
BIOL 2200+ Note b	Biology Elective	3-4
CST/CLA 0800+ ELECTIVE Note C	CST/CLA Elective Credits	4
FREE ELECTIVE	Free Elective Credits	6-4
	Semester Total:	16
	Credits transferred from the A.S. in Biology at Bucks:	61
	Remaining credits to complete B.S. in Biology at Temple:	62
Т	otal 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 <u>Permission to Complete a Course at Another Institution after Matriculation</u>, 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