

**Temple University College of Science & Technology**  
**Associate of Science in Biology <sup>Note 1</sup> at Bucks County Community College**  
**to the Bachelor of Arts in Biology at Temple University**  
**(Effective Fall 2019)**

Bucks County CC Recommended Course			Temple University Equivalent	
First Semester		Credits	First Semester	
BIOL 121	Biological Principles	4	BIOL 2112	Introduction to Cellular & Molecular Biology
CHEM 121	Chemistry I	4	CHEM 1031 AND CHEM 1033	General Chemistry I General Chemistry I Laboratory
COLL 101	College Success Seminar	1		<i>NT, 0 TR, No Equivalency</i>
COMP 110	English Composition	3	ENG 0802	Analytic Reading and Writing
MATH 125	Precalculus	4	MATH 1022	Precalculus
<b>Semester Total:</b>		<b>16</b>		
Second Semester			Second Semester	
CHEH 122	Chemistry II	4	CHEM 1032 AND CHEN 1034	General Chemistry II General Chemistry II Laboratory
COMP 111	English Composition II	3	ENG LL	English Lower Level Elective
BIOL 122	Biological Principles II	4	BIOL 1111	Introduction to Organismal Biology
MATH 140	Calculus I	4	MATH L***	Lower Level Elective <sup>Note 2</sup>
<b>Semester Total:</b>		<b>15</b>		
Third Semester			Third Semester	
CHEM 221	Organic Chemistry I	5	CHEM 2201 AND CHEM 2203	Organic Chemistry I Organic Chemistry I Laboratory
BIOL 228	Microbiology	4	BIOL 3317	General Microbiology
COMM 110	Effective Speaking	3	CSI 1111	Public Speaking
	Electives <b>Recommend MAT 141: Calculus II</b> <sup>Note 2</sup>	4	MATH L***	Lower Level Elective <sup>Note 2</sup>
<b>Semester Total:</b>		<b>16</b>		
Fourth Semester			Fourth Semester	
CHEM 222	Organic Chemistry II	5	CHEM 2202 AND CHEM 2204	Organic Chemistry II Organic Chemistry II Laboratory
BIOL 220	Principles of Ecology	4	BIOL 2227	Principles of Ecology
	Arts/Humanities	3		Dependent upon course selection <sup>Note 3</sup>
	Social Science/Diversity	3		Dependent upon course selection <sup>Note 3</sup>
<b>Semester Total:</b>		<b>15</b>		
<b>Total Credits Taken:</b>		<b>62</b>		

**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 as their elective. MATH 141 transfers to Temple as MATH L\*\*\*. Completion of MATH 140 and MATH 141 in transfer will satisfy MATH 1041 Calculus I and MATH 1042 Calculus II requirements in the BA in Biology major at Temple University via DARS exception. Students who do not complete this course sequence at Bucks will have additional course requirements remaining at Temple and may need additional time to complete the remaining BA in Biology requirements.
- 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 Arts in Biology** are as follows:

Remaining Requirements at Temple University		
<b>Fifth Semester</b>		<b>Credits</b>
BIOL 3096 (F)	Cell Structure (WI)	4
PHYS 2021	General Physics I	4
FL 1001 <small>Note c</small>	Foreign Language 1001	4
SCTC 2001	CST Transfer Seminar	1
FREE ELECTIVE	Free Elective Credits	3
<b>Semester Total:</b>		<b>16</b>
<b>Sixth Semester</b>		
BIOL 2296 (S)	Genetics (WI)	4
PHYS 2022	General Physics II	4
FL 1002 <small>Note c</small>	Foreign Language 1002	4
FREE ELECTIVE	Free Elective Credits	3
<b>Semester Total:</b>		<b>15</b>
<b>Seventh Semester</b>		
BIOL 2200+	Biology Elective 2200+	3-4
BIOL 2200+	Biology Elective 2200+	3-4
UL CLA 2000+	CLA 2000+ Elective Course	3
FREE ELECTIVE	Free Elective Credits	6-4
<b>Semester Total:</b>		<b>15</b>
<b>Eighth Semester</b>		
BIOL 2200+ <small>Note b</small>	Biology Elective 2200+ ( <i>Residency</i> )	3-4
UL CLA 2000+	CLA 2000+ Elective Course	3
FREE ELECTIVE	Free Elective Credits	10-9
<b>Semester Total:</b>		<b>16</b>
<i>Credits transferred from the A.S. in Biology at Bucks:</i>		<b>61</b>
<i>Remaining credits to complete B.A. in Biology at Temple:</i>		<b>62</b>
<b>Total Credits Completed to Satisfy the Requirements for B.A. in Biology:</b>		<b>123</b>

**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) All BA candidates are required to demonstrate proficiency through the second level of a foreign language. If foreign language coursework completed at a previous institution transfers to satisfy the foreign language requirement or a placement assessment is completed to demonstrate proficiency beyond the 2<sup>nd</sup> level of a foreign language, foreign language coursework will be replaced by elective credit. Students should consult with CST advising in these situations to determine elective selection.
- 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](mailto:admissions@temple.edu))

Inquiries about the B.A. 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](mailto:cstadv@temple.edu)