

APPENDIX A
Associate of Science Degree in Neuroscience (1194)
at Bucks County Community College to
Bachelor of Science in Neuroscience: Systems, Behavior, & Plasticity at
Temple University College of Liberal Arts
(Effective Fall 2018)

Bucks Recommended Course			Temple University Equivalent	
First Semester			Cr	First Semester
COLL 101	College Success Seminar	1	NT	
COMM110	Effective Speaking	3	CSI 1111	Public Speaking
COMP110	English Composition I	3	ENG 0802	Analytical Reading & Writing
PSYC110	Introduction to Psychology	3	PSY 1001	Introduction to Psychology
MATH120	College Algebra	4	MATH 1021	College Algebra
	Elective	3		Dependent on Course Selection <i>Note 5</i>
Semester Total:		17		
Second Semester			Second Semester	
COMP111	English Composition II	3	ENGL T***	Elective
CHEM121	Chemistry I <i>Note 1</i>	4	CHEM 1041 AND CHEM 1043	General Chemical Science I Chemical Science Laboratory I
MATH122	Trigonometry and Analytical Geometry	3	MATH L***	Lower Level Elective
PHIL 125	Basic Problems of Philosophy	3	PHIL 1101	Introduction to Philosophy
PSYC	Psychology Elective <i>Note 2</i> Recommend PSYC230: Neuroscience of Psychology or PSYC280: Foundations of Behavioral Neuroscience	3		Dependent Upon Course Selection <i>Note 5</i>
Semester Total:		16		
Third Semester			Third Semester	
BIOL121	Biological Principles I <i>Note 3</i>	4	BIOL 2112	Introduction to Biology II
CHEM122	Chemistry II <i>Note 1</i>	4	CHEM 1042 AND CHEM 1044	General Chemical Science II and Chemical Science Laboratory II
MATH115	Elementary Statistics	3	MATH 1013	Elements of Statistics
NEUR121	Fundamentals of Neuroscience	4	NSCI 1051	Fundamentals of Neuroscience
Semester Total:		15		
Fourth Semester			Fourth Semester	
BIOL 122	Biological Principles II <i>Note 3</i>	4	BIOL 1111	Introduction to Biology I
NEUR 122	Clinical Neuroscience	3	NSCI 2222	Neurobiology of Disease
PSYC 215	Introductory Psychological Statistics	4	PSY 1003	Statistics for Psychology
	Elective	3		Dependent Upon Course Selection <i>Note 5</i>
Semester Total:		14		
Degree Total: <i>Note 4</i>		62		

Notes:

1. Combination of Bucks' CHEM121: Chemistry I and CHEM122: Chemistry II will fulfill Temple's CHEM 1031/1033 and CHEM 1032/1034 Chemistry requirements for the degree at Temple through a DARS exception.
2. Students should select PSY230: Neuroscience of Psychology or PSY280: Psychology of Abnormal Behavior. PSY230 transfers to Temple as PSY 2501: Foundations of Behavioral Neuroscience and satisfies a major requirement at Temple. PSY280 transfers to Temple as PSY 2201: Psychopathology and can be used to fulfill a CLA/CST 2000+ elective requirement.
3. Combination of Bucks BIOL121: Biological Principles 1 and BIOL122: Biological Principles II will fulfill the Temple's BIO 1012: General Biology II requirement for the degree at Temple through a DARS exception.
4. Students who complete the A. S. in Neuroscience at Bucks County Community College are included in the Community College-Temple GenEd-To-GenEd Transfer Agreement, and therefore, have satisfied all of the GenEd requirements at Temple. Students should work with their Bucks advisor to select courses to fulfill the Bucks degree requirements.
5. Student should refer to the Transfer Equivalency Tool to see how selected coursework might transfer to Temple. The Transfer Tool can be accessed here: <https://admissions.temple.edu/transfer-equivalency-tool>

If the suggested classes are successfully completed at Bucks County Community College and an Associate in Science in Neuroscience is awarded, the remaining four semesters for **the Bachelor of Science in Neuroscience: Systems, Behavior, & Plasticity**, from the College of Liberal Arts are as follows:

Remaining requirements at Temple University		
Fifth Semester		Credits
CLA 1002	Professional Development for Liberal Arts Majors	1
NSCI 3096	Conducting Neuroscience Research	3
CLA/CST 2000+	One 2000+ Humanities/CST Course	3
CLA/CST 2000+	One 2000+ CLA/CST Elective	3
NSCI 2001	Functional Neuroanatomy	3
NSCI 2121	Development/Plasticity/Repair	3
Semester Total:		16
Sixth Semester		
PSY 2501 or PSY 2502	Foundations of Behavioral Neuroscience or Foundations of Cognitive Neuroscience (If student has completed PSY 230 at Bucks, student should select another course with the assistance of his/her Temple advisor)	3
NSCI 2122	Cellular Neuroscience	3
CLA/CST 2000+	One 2000+ CLA/CST Course	3
CLA/CST 2000+	One 2000+ CLA/CST Elective	3
ANY 0800-4999	One Elective in Any School or College	4
Semester Total:		16
Seventh Semester		
NSCI 3087	Techniques in Neuroscience	3
Neuroscience Elective	Select one of the following: { Communication Sciences & Disorders 3235, 3382; Philosophy 2144; Psychology 2102, 3306, 3561, 3566, 4182, 4282; Neuroscience 3000, 4182, 4282; Biology 3082, 3096, 3352, 3354, 3356; Biology 3082, 3096, 3352, 3354, 3356, Chemistry 3881, 4107; Physics 3301}	3-4
CLA/CST 2000+	One 2000+ CLA/CST Elective	3
CLA/CST 0800-4999	Any CLA/CST Elective	3
ANY 0800-4999	Any Elective in Any School or College	3
Semester Total:		15-16
Eighth Semester		
NSCI 4197	Capstone in Neuroscience	4
Neuroscience Elective	Select one of the following: { Communication Sciences & Disorders 3235, 3382; Philosophy 2144; Psychology 2102, 3306, 3561, 3566, 4182, 4282; Neuroscience 3000, 4182, 4282; Biology 3082, 3096, 3352, 3354, 3356; Biology 3082, 3096, 3352, 3354, 3356, Chemistry 3881, 4107; Physics 3301}	3-4
CLA/CST 2000+	One 2000+ CLA/CST Elective	3
ANY 0800-4999	One Elective in Any School or College	3
	Free Elective	3
Semester Total:		16-17
Remaining Temple College of Liberal Arts Requirements:		63-65
Credits Transferred from A.S. Neuroscience degree:		62
Total Credits Completed to Satisfy the Requirements for B.S. in Neuroscience: Systems, Behavior, & Plasticity Degree:		125-127

Notes: Students following this plan are under GenEd-to-GenEd program.

Notes:

- a) To find the online application:
 - a. Go to www.temple.edu/undergrad
 - b. Click on "Applying" on the gray bar across the top
 - c. Click on "Transfer Students" on the left hand side - This will take you directly to an online application
- b) To earn a CLA baccalaureate degree, a student must complete a minimum of 123 credits, including: 90 credits in CLA/CST courses, 45 credits of which must be at the upper level (numbered 2000-4999). Of that, 6 credits must be outside the student's major division (e.g. Social Sciences or Humanities)
- c) Inquiries about the undergraduate program and application are handled through the Office of Admissions (Tel: 215-204-4900/Email: admissions@temple.edu.) Inquiries about the Bachelor of Science in Neuroscience: Systems, Behavior, & Plasticity or specific course requirements can be directed to The College of Liberal Arts Center for Academic Advising & Professional Development at claaac@temple.edu.
- 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.