

Transfer Advising Guide  
 Bucks County Community College (Bucks)  
 A.S. Biology 1003  
 to  
 Neumann University (Neumann)  
 B.S. Biology

Bucks Recommended Course			Neumann University Equivalent		
<b>First Semester</b>		<b>Credits</b>	<b>First Semester</b>		<b>Credits</b>
BIOL121	Biological Principles I	4	BIO 107/117	General Biology I and Lab	4
CHEM121	Chemistry I	4	CHEM 107/ 117	General Chemistry I and Lab	4
COLL101	College Success Seminar	1	INT 101	The Neumann Experience	1
COMP110	English Composition I	3	ENG 101	Rhetoric and Writing I	3
MATH122	Trig. and Analytical Geom.	3		Math Core	3
<b>Subtotal</b>		<b>15</b>	<b>Subtotal</b>		<b>15</b>
<b>Second Semester</b>		<b>Credits</b>	<b>Second Semester</b>		<b>Credits</b>
CHEM122	Chemistry II	4	CHEM 108/ 118	General Chemistry II and Lab	4
COMP111	English Composition II	3	ENG 102	Rhetoric and Writing II	3
BIOL122	Biological Principles II	4	BIO 108/118	General Biology II and Lab	4
MATH125	Precalculus	4	MATH 110	Precalculus	3+1*
<b>Subtotal</b>		<b>15</b>	<b>Subtotal</b>		<b>15</b>
<b>Third Semester</b>		<b>Credits</b>	<b>Third Semester</b>		<b>Credits</b>
CHEM221	Organic Chemistry I	5	CHEM 211/ 221	Organic Chemistry I and Lab	4+1
BIOL228	Microbiology	4	BIO 106/116	Introduction to Microbiology and Lab	4
COMM110	Effective Speaking	3	CDM 206	Effective Public Speaking	3
	Social Science/Diversity <sup>†</sup>	3		Social Science Core	3
<b>Subtotal</b>		<b>15</b>	<b>Subtotal</b>		<b>15</b>
<b>Fourth Semester</b>		<b>Credits</b>	<b>Fourth Semester</b>		<b>Credits</b>
CHEM222	Organic Chemistry II	5	CHEM 212/ 222	Organic Chemistry II and Lab	4+1*
BIOL220	Principles of Ecology	4	BIO 233/243	Ecology and Lab	4
	Arts/Humanities <sup>‡</sup>	3		Fine Arts Core	3
	Electives	4		General Electives	4
<b>Subtotal</b>		<b>16</b>	<b>Subtotal</b>		<b>16</b>
<b>TOTAL CREDITS FOR BUCKS A.A.</b>		<b>61</b>	<b>TOTAL CREDITS TRANSFERRED TO NEUMANN</b>		<b>61</b>

\* One (1) additional general elective credit will be awarded by Neumann.

<sup>†</sup> Select one of the following: COMM111, ECON111, GEOG110, HIST111, HIST112, HIST113, HIST114, HIST151, HIST152, MUSC103, POLI111, PSYC110, SOCI110, SOCI120.

<sup>‡</sup> Consult the list of courses approved for Arts/Humanities in the Bucks catalog.