

## Program to Program Articulation

### Westmoreland County Community College Associates of Biology (AS) Penn State Biology, B.S.

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at WCCC and with the Penn State Admissions office when scheduling courses.

*Delivered at Penn State Beaver, Brandywine, Schuylkill, Scranton, and York*

WCCC Associates of Science in Biology	*Penn State Biology, B.S.
<a href="https://westmoreland.edu/academics/programs/22-23-catalog-pages/biology-as-may2022.pdf">https://westmoreland.edu/academics/programs/22-23-catalog-pages/biology-as-may2022.pdf</a>	<a href="https://bulletins.psu.edu/undergraduate/colleges/university-college/biology-bs/#programrequirementstext">https://bulletins.psu.edu/undergraduate/colleges/university-college/biology-bs/#programrequirementstext</a>

Requirement	Course	Credits	Requirement	Course	Credits	Direct or Substitution
College Writing	ENG 161	3	Writing & Speaking (GWS)	ENGL 15 (GWS)	3	Direct
Effective Speech	SPC 155	3	Writing & Speaking (GWS)	CAS 100 (GWS)	3	Direct
Major Required course	MTH 170	4	Department List (As long as MTH 172 is transferred in.)	MATH XFR41P	3	Substitution
Major required course	MTH 172	4	Major Prescribed Course	MATH 140 (GQ)	4	Direct
Major required course	BIO 155	4	Supporting Course and Related Areas	BIOL XFRGEN	4	Substitution
Major required course	CHM 150/151 CHM 160/161	3+1 3+1	Major Prescribed Course and General Education: Natural Sciences (GN) for CHEM 110,111, 112, and 113.	CHEM XFRGN CHEM XFRGN1	3+1 3+1	Substitution
Major required course	BIO 156	4	Major Prescribed Course and General Education: Natural Sciences (GN)	BIOL 230W (GN)	4	Direct

Major required course	CHM 260/261 CHM 270/271	3+1 3+1	Ecology, General Biology, Genetics and Developmental Biology, Neuroscience, Plant Biology, and Vertebrate Physiology Options	CHEM 210 CHEM 212 CHEM 213	3+3+2	Direct
Major required course	STM 296	1	Supporting Course and Related Areas	SC XFRGN1	1	Substitution
BIO Elective	PSU recommends the following: BIO 120 & BIO 255	6-8 3 3	Department List	BISC 3 BIOL 222 + BIOL XFRGN0	3 3	Direct
Social Science Electives	Select two from the following: ECN 158 ECN 255 ECN 256 GEO 155 POL 155 POL 200 POL 255 POL 256 PSY 160 PSY 161 PSY 260 PSY 265 PSY 267 PSY 268 PSY 275 SOC 155 SOC 161 SOC 255 HIS 155 HIS 156	6	General Education: Social and Behavioral Sciences (GS)  General Education: Humanities (GH)	ECON XFRGS ECON 104 (GS) ECON 102 (GS) GEOG 220 (IL; US; GS) PLSC 1 (GS; US PLSC XFRGS1 (GS) PLSC XFRGS1 (GS) PLSC 14 (GS; IL) PSYCH 100 (GS) SOCW 290 (GS) PSYCH 221 (GS) HDFS 229 (GS) PSYCH 231 (US; GS) HDFS 239 (GS) PSYCH XFRGS1 (GS) SOC 1 (GS) SOC 30 (GS) ANTH 45 (GS; IL; US; GH) HIST 1 (GH; IL) HIST 2 (GH; IL)	6	

	HIS 249 HIS 255 HIS 256 HIS 262			HIST 130 (GH; US) HIST 20 (GH; US) HIST 21 (GH; US) HIST 179 (GH; US)		
	Select two of the following: ART 155 ART 160 ART 162 ART 165 ENG 165 MUS 155  ENG 225 ENG 240 PHL 155 PHL 160 PHIL 161 REL 171  <b>Not Recommended because PSU does not require Foreign Language for this program.</b> FRN 155 FRN 156 SPA 155 SPA 156 SPA 255 SPA 256		General Education: Arts (GA)          General Education: Humanities (GH)   Supporting Course and Related Areas	ARTH 100 (GA; IL) ART 10 (GA) ART 20 (GA) ART 50 (GA) ENGL 50 (GA) MUSIC 5 (GA)  ENGL XFRGH ENGL 191 (GH) PHIL 10 (GH) PHIL 1 (GH) PHIL 3 (GH) RLST 3 (GH; IL)  FR 1 FR 2 SPAN 1 SPAN 2 SPAN XFRGEN SPAN XFRGEN		6-8
Humanities Elective					6-8	
		5-6			56-60	

**Entrance to major courses include PSU BIOL 110, CHEM 110 and MATH 140. Because WCCC does not offer a courses equivalent to BIOL 110, students will transfer in pre-major status until BIOL 110 is completed at PSU.**

*Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.*

*Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.*

*Penn State requires 6 credits of Humanities (GH), 6 credits of Social and Behavioral Science (GS), and 6 credits of Arts (GA). Students should select the proper number of electives in each of these areas.*