

**Penn State Berks
Recommended Academic Plan**

**Biology (BIOBL)
General Biology Option (GBIOL)**

Semester 1	Credits	Semester 2	Credits
ENGL 015 or 030 (GWS)	3	CAS 100A or 100B or 100C (GWS)	3
<i>MATH 140 (GO)</i>	4	<i>MATH 141 (GQ)</i>	4
<i>BIOL 110L (GN)</i>	4	<i>BIOL 230W (GN) [1]</i>	4
<i>BIOL 110P (GN)</i>	0	CHEM 112	3
<i>CHEM 110 (GN)</i>	3	CHEM 113	1
<i>CHEM 111(GN)</i>	1	GHA	1.5
First-Year Seminar	1		
Total Credits:	16	Total Credits:	16.5
Semester 3	Credits	Semester 4	Credits
<i>BIOL 220W* [1]</i>	4	ENGL 202C# (GWS)	3
CHEM 202* or 210*	3	<i>BIOL 240W# [1]</i>	4
PHYS 211L & 211P or 250L* & 250P*	4	CHEM 203# or 212# & 213#	3-5
GA or GH or GS	3	PHYS 212L & 212P or 251L# & 251P#	4
GA or GH or GS	3	GA or GH or GS	3
Total Credits:	17	Total Credits:	17-19
Semester 5	Credits	Semester 6	Credits
STAT 200 or 250*	3-4	400-Level BIOL Selection - Group 2: Evolutionary Biology	3
400-Level BIOL Selection - Group 1: Plant & Fungi	3	400 Level BIOL Selection - Group 3: Genetics	3
GA or GH or GS	3	GA or GH or GS	3
Department List Selection [2]	3	Department List Selection [2]	3
Department List Selection [2]	3	Department List Selection [2]	3
Total Credits:	15-16	Total Credits:	15
Semester 7	Credits	Semester 8	Credits
400-Level BIOL Selection - Group 4: Ecology	3	400-Level BIOL Selection - Group 6: Practicum	3
400-Level BIOL Selection - Group 5: Animal Physiology	3	Department List Selection [2]	3
GA or GH or GS	3	Department List Selection [2]	3
Department List Selection [2]	3	Department List Selection [2]	3
Department List Selection [2]	3	GHA	1.5
Total Credits:	15	Total Credits:	13.5

- **Bold** type indicates courses requiring a quality grade of C or better.
- *Italic* type indicates courses that satisfy both major and General Education requirements.
- Underline type indicates courses that satisfy Entrance-To-Major requirements.
- GWS, GQ, GHA, GN, GA, GH, and GS are codes used to identify General Education requirements.
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirement.
- Courses with one (1) asterisk (*) are offered Fall Semester only.
- Courses with one (1) pound sign (#) are offered Spring Semester only.

Academic Advising Notes:

1. Students should consult with an adviser when scheduling courses.
2. Students must complete three (3) credits of United States Cultures (US) and three (3) credits of International Cultures (IL) as part of General Education.

Program Notes:

- [1] Students must complete one (1) out of three (3) for Entrance-To-Major requirements.
 [2] Consult adviser for list.

**Penn State Berks
Recommended Academic Plan**

**Biology (BIOBL)
Genetics & Developmental Biology Option (GENET)**

Semester 1	Credits	Semester 2	Credits
ENGL 015 or 030 (GWS)	3	CAS 100A or 100B or 100C (GWS)	3
<i>MATH 140 (GO)</i>	4	<i>MATH 141 (GQ)</i>	4
<i>BIOL 110L (GN)</i>	4	<i>BIOL 230W (GN) [1]</i>	4
<i>BIOL 110P (GN)</i>	0	CHEM 112	3
<i>CHEM 110 (GN)</i>	3	CHEM 113	1
<i>CHEM 111(GN)</i>	1	GHA	1.5
First-Year Seminar	1		
Total Credits:	16	Total Credits:	16.5
Semester 3	Credits	Semester 4	Credits
<i>BIOL 220W* [1]</i>	4	ENGL 202C# (GWS)	3
CHEM 210*	3	<i>BIOL 240W# [1]</i>	4
PHYS 211L & 211P or 250L* & 250P*	4	CHEM 212# & 213#	3-5
GA or GH or GS	3	PHYS 212L & 212P or 251L# & 251P#	4
GA or GH or GS	3	GA or GH or GS	3
Total Credits:	17	Total Credits:	17-19
Semester 5	Credits	Semester 6	Credits
STAT 200 or 250*	3-4	BIOL 430#	3
BIOL 322*	3	400-Level BIOL Selection - Group 1: Genetics/Developmental Biology	3
MICRB 201*	3		GA or GH or GS
400-Level BIOL Selection - Group 1: Genetics/Developmental Biology	3	GA or GH or GS	3
Department List Selection [2]	3	Department List Selection [2]	3
Total Credits:	15-16	Total Credits:	15
Semester 7	Credits	Semester 8	Credits
B M B 401*	3	B M B 402#	3
400-Level BIOL Selection - Group 2: Evolutionary Biology	3	400-Level BIOL Selection - Group 3: Practicum	3
GA or GH or GS	3	Department List Selection [2]	3
Department List Selection [2]	3	Department List Selection [2]	3
Department List Selection [2]	3	GHA	1.5
Total Credits:	15	Total Credits:	13.5

- **Bold** type indicates courses requiring a quality grade of C or better.
- *Italic* type indicates courses that satisfy both major and General Education requirements.
- Underline type indicates courses that satisfy Entrance-To-Major requirements.
- GWS, GQ, GHA, GN, GA, GH, and GS are codes used to identify General Education requirements.
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirement.
- Courses with one (1) asterisk (*) are offered Fall Semester only.
- Courses with one (1) pound sign (#) are offered Spring Semester only.

Academic Advising Notes:

1. Students should consult with an adviser when scheduling courses.
2. Students must complete three (3) credits of United States Cultures (US) and three (3) credits of International Cultures (IL) as part of General Education.

Program Notes:

- [1] Students must complete one (1) out of three (3) for Entrance-To-Major requirements.
 [2] Consult adviser for list.