

“Sample” Academic Plan for Secondary Education, (SECED/BI SC) Biology Teaching Option
Effective May 2012

Semester 1	Credits	Semester 2	Credits
ENGL 015^s (GWS) (ETM)	3	CHEM 110 (GN) (ETM)	3
MATH 140 (GQ) (ETM)	4	CHEM 111 (GN) (ETM)	1
BIOL 110 (GN) (ETM)	4	MATH 141 or STAT 200 (GQ) (ETM)	4
PSYCH 100 (GS) (ETM)	3	CAS 100A^s (GWS)	3
EDUC 100S (FYS)	1	Health & Physical Activity (GHA)	1.5
		BIOL 220W (GN) (ETM)	4
Total Credits:	15	Total Credits:	16.5
Semester 3	Credits	Semester 4	Credits
BIOL 230W (GN) or B M B 251 & 252	4	C I 280	3
EDPSY 014 (ETM)	3	HD FS 239 (GS) or PSYCH 412	3
CHEM 112 (GN) (ETM)	3	BIOL 240W (GN)	4
CHEM 113 (GN) (ETM)	1	PHYS 250 or 211 (GN) (ETM)	4
Literature Selection (GH) (ETM)	3	EDTHP 400 Level Selection or EDTHP 115	3
CI 295 (ETM)	2		
Total Credits:	16	Total Credits:	17
Semester 5	Credits	Semester 6	Credits
SPLED 400	4	SCIED 411	3
PHYS 251 or 212 (GN)	4	Arts Selection (GA)	3
ENGL 202A or B (GWS)	3	BIOL 300-400 Level Selection	3
BIOL 427 , ANTH 021 or 460 or GEOSC 204 or 424	3-4	SPLED 403B	3
BMB 211 , 212 , 401 , 402 or CHEM 202 , 203 , 210 , 212 , 213	3	Health & Physical Activity (GHA)	1.5
		BMB 211 , 212 , 401 , 402 or CHEM 202 , 203 , 210 , 212 , 213	3
Total Credits:	16-17	Total Credits:	16.5
Semester 7	Credits	Semester 8	Credits
SCIED 412	3	C I 495E	15
CI 495C	3	<i>No add'l coursework permitted during Student Teaching</i>	
Arts Selection (GA)	3		
BIOL 300-400 Level Selection	3		
BIOL 300-400 Level Selection	3		
Total Credits:	15	Total Credits:	15

- **Bold** type indicates courses requiring a quality grade of C or better.
- ***Italic Bold*** type indicates courses requiring a quality grade of C or better and that satisfy both major and General Education requirements.
- GWS, GHA, GQ, GN, GA, GH, and GS are codes used to identify General Education requirements.
- Must complete at least 3 cr. of United States (US) and 3 cr. of International Cultures (IL).
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirement.
- ETM notes a course is required for entrance to major/certification program.
- First Aid and CPR certification required. (on-line courses not acceptable)
- Summer study could reduce some of the credit loads above.
- *Effective Fall 2012, all incoming Schreyer Honors College freshmen at University Park will take ENGL/CAS 137H in the fall semester and ENGL/CAS 138T in the spring semester. These courses carry GWS designation and replace both ENGL 030 and CAS 100. Each course is 3 credits. At the discretion of the college, ENGL/CAS 138T satisfies the first-year seminar requirement.
- Academic Advising Notes: **The course series listed above is only one of many possible ways to move through this curriculum. Please be sure to also use the curriculum checksheets and degree audits, as well as consult with an adviser about appropriate scheduling sequences, clearances for field experiences and testing requirements. Advisers also can assist students in identifying coursework offered at Penn State in the SUMMER.**