

“Sample” Academic Plan for Secondary Education, (SECED/CHEM) Chemistry Teaching Option
Effective May 2012

Semester 1	Credits	Semester 2	Credits
ENGL 015^s (GWS) (ETM)	3	CHEM 112 (GN) (ETM)	3
MATH 140 (GQ) (ETM)	4	CHEM 113 (GN) (ETM)	1
CHEM 110 (GN) (ETM)	3	MATH 141 (GQ) (ETM)	4
CHEM 111 (GN) (ETM)	1	Arts Selection (GA)	3
EDUC 100S (FYS)	1	EDPSY 014 (ETM)	3
PSYCH 100 (GS) (ETM)	3	Literature Selection (GH) (ETM)	3
Total Credits:	15	Total Credits:	17
Semester 3	Credits	Semester 4	Credits
BIOL 110 (GN) (ETM)	4	CAS 100A^s (GWS)	3
PHYS 211 (GN) (ETM)	4	PHYS 212 (GN) (ETM)	4
CI 295 (ETM)	2	EDTHP 400 Level Selection or EDTHP 115	3
CHEM 202	3	CHEM 203	3
CI 280	3	CHEM 200 Level Selection or related fields	3
Total Credits:	16	Total Credits:	16
Semester 5	Credits	Semester 6	Credits
CHEM 200 Level Selection or related fields	3	SCIED 411	3
CHEM 450	3	HD FS 239 (GS) or PSYCH 412	3
CHEM 457	2	CHEM 452	3
ENGL 202A or B (GWS)	3	CHEM 400 Level Selection (CHEM 402, 406, 408, 410, 412, 423, 425, or CH E 301 or 435)	3
Health & Physical Activity (GHA)	1.5	Health & Physical Activity (GHA)	1.5
SPLED 400	4	SPLED 403B	3
Total Credits:	16.5	Total Credits:	16.5
Semester 7	Credits	Semester 8	Credits
SCIED 412	3	CI 495E	15
Arts Selection (GA)	3	<i>No add'l coursework permitted during Student Teaching</i>	
CI 495C	3		
CHEM 400 Level Selection (CHEM 402, 406, 408, 410, 412, 423, 425, or CH E 301 or 435)	3		
Arts Selection (GA)	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 check sheets 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.**