

SECONDARY EDUCATION, B.S. (EDUCATION)

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2024-25 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition.

Biology Teaching Option: Secondary Education, B.S. at University Park Campus and Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15 ^{*†#}	3 CHEM 110 ^{**†}	3
MATH 140 or 140B ^{*†#}	4 CHEM 111 ^{**†}	1
BIOL 110 ^{**†}	4 MATH 141, 141B, or STAT 200 ^{*†}	4
PSYCH 100 ^{**†}	3 EDPSY 14 ^{*#}	3
EDUC 100	1 Health and Wellness [*]	1.5
EDTHP 115 (or 400-level EDTHP) [*]	3 BIOL 220W ^{*#}	4
	18	16.5

Second Year

Fall	Credits Spring	Credits
BIOL 230W or BMB 251 <i>and</i> BMB 252 [*]	4 CI 280 ^{*†}	3
CAS 100A [†]	3 HDFS 239 or PSYCH 412 ^{**†}	3
CHEM 112 ^{*#†}	3 BIOL 240W [*]	4
CHEM 113 ^{*#}	1 PHYS 250 or 211 ^{*#}	4
Literature Selection ^{**†1}	3 Health and Wellness [*]	1.5
CI 295 ^{*#}	2	
	16	15.5

Third Year

Fall	Credits Spring	Credits
SPLD 400 [*]	4 SCIED 411W [*]	3
PHYS 251 or 212 [*]	4 BIOL 300-400 Level Selection [*]	3
ENGL 202A or 202B [*]	3 SPLD 403B [*]	3
BIOL 427, ANTH 21, ANTH 460, GEOSC 204, or GEOSC 424 [*]	3-4 BMB 211/212, 401, 402, CHEM 202, CHEM 203, CHEM 210, CHEM 212, or CHEM 213 ^{*2}	3

BMB 211/212, 401, 402, CHEM 202, CHEM 203, CHEM 210, CHEM 212, or CHEM 213 ^{*2}	3	
	17-18	12
Fourth Year		
Fall	Credits Spring	Credits
SCIED 412 [*]	3 CI 495E ^{*3}	15
CI 495C [*]	3	
Arts Selection	3	
GH, GA, GS, GHW, or Interdomain [*]	3	
BIOL 300-400 Level Selection [*]	3	
	15	15

Total Credits 125-126

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

¹ Literature Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).

² BMB 211 is related to and a prerequisite for the companion laboratory course BMB 212 (1 credit).

³ No Additional coursework permitted during Student Teaching.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Additional Notes:

- 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.
- 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.*

Chemistry Teaching Option: Secondary Education, B.S. at University Park Campus and Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15 ^{‡#}	3 CHEM 112 ^{*#†}	3
MATH 140 ^{*#†}	4 CHEM 113 ^{*#†}	1
CHEM 110 & CHEM 111 ^{*#†}	4 MATH 141 ^{*#†}	4
EDUC 100	1 EDPSY 14 ^{*#}	3
EDTHP 115 (or 400-level EDTHP)	3 Literature Selection ^{*#††}	3
	15	14

Second Year

Fall	Credits Spring	Credits
BIOL 110 ^{*#†}	4 CI 280 [*]	3
PHYS 211 ^{*#†}	4 PHYS 212 ^{*#†}	4
CI 295 ^{*#}	2 CHEM 212 and CHEM 213 or or CHEM 202 and CHEM 203 ^{*#}	5
CHEM 210 ^{*#}	3 Related 200 Level Selection [*]	3
PSYCH 100 ^{*#†}	3 Art Selection [*]	3
	16	18

Third Year

Fall	Credits Spring	Credits
SPLD 400 [*]	4 SCIED 411W [*]	3
ENGL 202A or 202B	3 HDFS 239 or PSYCH 412 ^{*†}	3
Related 200-level Selection [*]	3 CHEM 400 Level Selection ^{*2}	3
Related 200-level Selection [*]	3 SPLD 403B [*]	3
CAS 100A [‡]	3	
	16	12

Fourth Year

Fall	Credits Spring	Credits
SCIED 412 [*]	3 CI 495E ^{*3}	15
CI 495C [*]	3	
CHEM 400 Level Selection ^{*2}	3	
GA, GH, GS, or GHW Interdomain [*]	3	
Health and Wellness (GHW) [*]	1.5	
	13.5	15

Total Credits 119.5

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

¹ Literature Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).

² CHEM 402, CHEM 406, CHEM 408, CHEM 410, CHEM 412, CHEM 423W, CHEM 425W, or CHE 301 or CHE 435.

³ No Additional coursework permitted during Student Teaching.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Additional Notes:

- 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.
- 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.* earth and space teaching option at University Park Campus and commonwealth campuses.

Earth and Space Teaching Option: Secondary Education, B.S. at University Park Campus and Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15 ^{‡#}	3 BIOL 220W ^{*#}	4
MATH 140 or 140B ^{‡##†}	4 CHEM 111 ^{*#†}	1
BIOL 110 ^{*#†}	4 MATH 141, 141B, or STAT 200 [*]	4
PSYCH 100 ^{*#†}	3 EDPSY 14 ^{*#}	3
EDUC 100	1 Health and Wellness	1.5
EDTHP 115 (or 400-level EDTHP) [*]	3 EARTH 100 [*]	3
	18	16.5

Second Year

Fall	Credits Spring	Credits
GEOSC 1 or 20 [*]	3 CI 280 [*]	3
CAS 100A [‡]	3 PHYS 250 or 211 ^{*#†}	4
CI 295 ^{*#}	2 Interdomain General Education [*]	3
CHEM 110 ^{*#†}	3 Health and Wellness [*]	1.5
Literature Selection ^{*#†1}	3 METEO 3, 201, or 300 ^{*†}	3-4
	14	14.5-15.5

Third Year

Fall	Credits Spring	Credits
PHYS 251 or 212 [*]	4 SCIED 411W [*]	3
ENGL 202A or 202B [*]	3 SPLED 403B [*]	3
GEOSC 40, 440, BIOL 435, or BIOL 482 ^{*†}	3-4 GEOSC 21 or 204 ^{*†}	3-4
ASTRO 10 or 11 [*]	1-2 HDFS 239 or PSYCH 412 [*]	3
SPLED 400 [*]	4 BIOL 427 (or 200 -400 Level Selection (EARTH, GEOSC, METEO, ASTRO, PHYS, ANTH)) [*]	3
	15-17	15-16

Fourth Year

Fall	Credits Spring	Credits
SCIED 412 [*]	4 CI 495E ^{*2}	15
CI 495C [*]	3	
Arts Selection	3	
BIOL 427 (or 200 -400 Level Selection (EARTH, GEOSC, METEO, ASTRO, PHYS, ANTH)) [*]	3	

BIOL 427 (or 200 -400 Level Selection (EARTH, GEOSC, METEO, ASTRO, PHYS, ANTH))^{*†}

3

16

15

Total Credits 124-128

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

¹ Literature Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).

² No Additional coursework permitted during Student Teaching.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Additional Notes:

- Must complete at least 3 cr. of United States (US) and 3 cr. of International Cultures (IL).
- First Aid and CPR certification required. (on-line courses not acceptable)
- Summer study could reduce some of the credit loads above.
- 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.* English and communication teaching option at university park and commonwealth campuses

English Teaching Option: Secondary Education, B.S. at University Park Campus and Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year		
Fall	Credits Spring	Credits
ENGL 15 or 30H ^{*#†}	3 PSYCH 100 ^{*#†}	3
Literature Selection ^{*†1}	3 Non-Print Selection ^{*3}	3
EDPSY 14 ^{*#}	3 Science Selection ^{†2}	3
EDUC 100	1 Mathematics Selection ^{*#†}	3
Mathematics Selection ^{*#†}	3 American or British Literature Selection ^{*4}	3
Science Selection (GN)/ Interdomain ^{†2}	3	
	16	15
Second Year		
Fall	Credits Spring	Credits
CI 295 ^{*#}	2 CAS 100A (Speech and Oral Performance Selection) ^{*#}	3
Art Selection (GA) ^{*5}	3 PSYCH 412 or HDFS 239 [*]	3
Science Selection (GN) ^{†2}	3 Interdomain General Education (GA, GH, GS, GHW)	3
CI 280 ^{*†}	3 Grammar Selection ^{*7}	1-3
American or British Literature Selection ^{*4}	3 EDTHP 115 (or 400-level EDTHP) [*]	3
Writing Selection ^{*6}	3 Health and Wellness (GHW)	1.5
	17	14.5-16.5
Third Year		
Fall	Credits Spring	Credits
LLED 411 [*]	3 LLED 421 [*]	3
CI 492 [*]	3 LLED 422 [*]	3
ENGL 202A or 202B ^{*†}	3 Multicultural Literature Selection ^{*9}	3
Shakespeare Selection ^{*8}	3 SPLED 400 [*]	4
Elective	3 Elective	3
Health and Physical Activity [†]	1.5	
	16.5	16
Fourth Year		
Fall	Credits Spring	Credits
LLED 420 [*]	3 CI 495E ^{*10}	15
LLED 412W [*]	3	
CI 495C [*]	3	
SPLED 403B [*]	3	
Elective	3	
	15	15

Total Credits 125-127

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

- ¹ Literature Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).
- ² Science Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).
- ³ AFAM 235/ENGL 235, CMLIT 415, COMM 150N, COMM 250, COMM 411, ENGL 136, THEA 100, THEA 105.
- ⁴ ENGL 221, ENGL 222, ENGL 231, ENGL 232.
- ⁵ ENGL 100, ENGL 407, ENGL 417; LING 100.
- ⁶ ENGL 50, ENGL 212, ENGL 213, ENGL 214, ENGL 215.
- ⁷ APLNG 484 or COMM 160.
- ⁸ ENGL 129, ENGL 405, ENGL 440, ENGL 444.
- ⁹ CMLIT 403/LTNST 403, ENGL 135/AMST 135, ENGL 139/AFAM 139, ENGL 194/WMNST 194, ENGL 428/AAS 428, ENGL 431/AMST 475, ENGL 462/WMNST 462, ENGL 466/AFAM 466, ENGL 467/AFAM 467, ENGL 468/AFAM 468, ENGL 490/AFAM 490, ENGL 492/AMST 476/WMNST 491.
- ¹⁰ No Additional coursework permitted during Student Teaching.

University Requirements and General Education Notes:

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All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Mathematics Teaching Option - Fall Semester Student Teaching: Secondary Education, B.S. at University Park Campus and Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15 or 30H ^{*#}	3 MATH 141 ^{**†}	4
EDUC 100	1 MATH 220 ^{**†}	3
MATH 140 ^{*#†}	4 Literature Selection ^{*#†1}	3
CMPSC 101 or 121 ^{*#†}	3 Science Selection	3
PSYCH 100 ^{*#†}	3 CAS 100A [*]	3
Arts Selection	3 Health and Physical Activity	1.5
	17	17.5

Second Year

Fall	Credits Spring	Credits
MATH 230 or 231 ^{*#}	4 HDFS 239 or PSYCH 412 ^{**†}	3
MATH 311W [*]	3 MATH 310 [*]	3
Science Selection	3 MATH 312 [*]	3
EDPSY 14 ^{*#}	3 Science Selection	3
CI 280 ^{**†}	3 CI 295 ^{*#}	2
Health and Physical Activity	1.5 EDTHP 115 (or EDTHP 400 Level Selection) [*]	3
	17.5	17

Third Year

Fall	Credits Spring	Credits
MTHED 411 [*]	3 MTHED 412W [*]	3
MTHED 427 [*]	3 CI 495C [*]	3
SPLD 400 [*]	4 SPLD 403B [*]	3
MATH 435 or 470 [*]	3 MATH 471 [*]	4
MATH 414 [*]	3 MATH 436 [*]	3
	16	16

Fourth Year

Fall	Credits Spring	Credits
CI 495E ^{*2}	15 MATH 400 Level Selection or MTHED 400 Level Selection [*]	3
	MATH 400 Level Selection or MTHED 400 Level Selection [*]	3
	ENGL 202A or 202B [*]	3
	Arts Selection	3
	STAT 401 or MATH 415 [*]	3
	15	15

Total Credits 131

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

¹ Literature Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).

² No Additional coursework permitted during Student Teaching.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Mathematics Teaching Option - Spring Semester Student Teaching: Secondary Education, B.S. at University Park Campus and Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15 or 30H ^{*#}	3 MATH 141 ^{**†}	4
EDUC 100	1 MATH 220 ^{**†}	3
MATH 140 ^{*#†}	4 Literature Selection ^{*#†1}	3
CMPSC 101 or 121 ^{*#†}	3 Science Selection	3
PSYCH 100 ^{*#†}	3 CAS 100A [*]	3
Arts Selection	3 Health and Physical Activity	1.5
	17	17.5

Second Year

Fall	Credits Spring	Credits
MATH 230 or 231 ^{*#}	4 HDFS 239 or PSYCH 412 [*]	3
MATH 311W [*]	3 MATH 310 [*]	3
Science Selection	3 MATH 312 [*]	3
EDPSY 14 ^{*#}	3 Science Selection	3
CI 280 ^{*†}	3 CI 295 ^{*#}	2
Health and Physical Activity	1.5 EDTHP 115 (or EDTHP 400 Level Selection) [*]	3
	17.5	17

Third Year

Fall	Credits Spring	Credits
Arts Selection	3 SPLED 400 [*]	4
ENGL 202A or 202B [*]	3 MTHED 411 [*]	3
MATH 414 [*]	3 MTHED 427 [*]	3
MATH 435 or 470 [*]	3 MATH 471 [*]	4
MATH 436 or 441 [*]	3 MATH 400 Level Selection or MTHED 400 Level Selection [*]	3
	15	17

Fourth Year

Fall	Credits Spring	Credits
MTHED 412W [*]	3 CI 495E ^{*2}	15
CI 495C [*]	3	
SPLED 403B [*]	3	
STAT 401 or MATH 415 (or MTHED List) [*]	3	
MATH 400 Level Selection or MTHED 400 Level Selection [*]	3	
	15	15

Total Credits 131

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

¹ Literature Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).

² No Additional coursework permitted during Student Teaching.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Physics Teaching Option: Secondary Education, B.S. at University Park Campus and Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15 ^{*#}	3 CHEM 110 ^{*#†}	3
MATH 140 ^{*#†}	4 CHEM 111 ^{*#†}	1
PHYS 211 ^{*#†}	4 MATH 141 ^{*#†}	4
PSYCH 100 ^{*#†}	3 PHYS 212 ^{*†}	4
EDUC 100	1 EDPSY 14 ^{*#}	3
EDTHP 115 (or 400-level EDTHP)	3	
	18	15

Second Year

Fall	Credits Spring	Credits
MATH 220 ^{*†}	2-3 Health and Wellness [*]	1.5
BIOL 110 ^{*#†}	4 CI 295 ^{*#}	2
Literature Selection ^{*#†1}	3 MATH 250 or 251 [*]	3-4
CI 280 ^{*†}	3 PHYS 237 [*]	3-4
PHYS 213 or 214 ^{*†}	2 CHEM 112 ^{*#†}	3
	CHEM 113 ^{*#†}	1
	14-15	13.5-15.5

Third Year

Fall	Credits Spring	Credits
SPLD 400 [*]	4 CAS 100A ^{*†}	3
ENGL 202A or 202B ^{*†}	3 SCIED 411W [*]	3
MATH 230 or 231 [*]	3-4 Arts Selection	3
PHYS 400 [*]	3 SPLD 403B [*]	3
HDFS 239 or PSYCH 412 ^{*†}	3 PHYS 419 [*]	3
	16-17	15

Fourth Year

Fall	Credits Spring	Credits
SCIED 412 [*]	3 CI 495E ^{*2}	15
CI 495C [*]	3	
PHYS 402, 457, or PHYS 458 [*]	2-4	
Health and Wellness [*]	1.5	
GS, GH, GA, GHW, or Interdomain [*]	3	
	12.5-14.5	15

Total Credits 119-125

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

¹ Literature Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).

² No Additional coursework permitted during Student Teaching.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Social Studies Option - Fall Semester Student Teaching: Secondary Education, B.S. at University Park Campus and Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year		
Fall	Credits Spring	Credits
ENGL 15 or 30H ^{*#}	3 GEOG 30N ^{*#}	3
EDUC 100	1 EDTHP 115 (or 400-level EDTHP) [*]	3
HIST 20 ^{*#†}	3 HIST 21 ^{*#†}	3
PSYCH 100 ^{*#†}	3 PLSC 1 ^{*#}	3
Mathematics Selection ^{*#†}	3 Mathematics Selection ^{*#†}	3
Science Selection ^{*†}	3 Additional Course Selection ^{*1}	3
	16	18
Second Year		
Fall	Credits Spring	Credits
EDPSY 14 ^{*#}	3 HDF5 239 or PSYCH 412 [*]	3
ECON 104 ^{*#†}	3 CI 280 ^{*†}	3
HIST 1 or 10 ^{*†}	3 HIST 2 or 11 ^{*†}	3
CI 295 ^{*#}	2 Additional Course Selection ^{*1}	3
Literature Selection ^{*#†2}	3 Concentration Selection ^{*3}	3
Additional Course Selection ^{*1}	3 Concentration Selection ^{*3}	3
	17	18
Third Year		
Fall	Credits Spring	Credits
SSED 411 [*]	3 SSED 412W [*]	3
SPLD 400 [*]	4 CI 495C [*]	3
HIST 400-level Selection [*]	3 SPLD 403B [*]	3
Concentration Selection ^{*3}	3 HIST 400-level Selection [*]	3
Concentration Selection ^{*3}	3 Concentration Selection ^{*3}	3
	16	15
Fourth Year		
Fall	Credits Spring	Credits
CI 495E ^{*4}	15 CAS 100A [*]	3
	ENGL 202A or 202B [*]	3
	Health and Wellness Selection	3
	Science Selection	3
	Art Selection	3
	15	15
Total Credits 130		

* Course requires a grade of C or better for the major
 ‡ Course requires a grade of C or better for General Education
 # Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

- ¹ Choose ANTH 45N or GEOG 6N and ECON 102, PLSC 3, PLSC 14 or SOC 1
- ² Literature Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).
- ³ Civics & Government (PLSC), Classics & Ancient Studies (CAMS), Economics (ECON), Geography (GEOG), Holocaust & Genocide Studies (JST, HIST) or Social Sciences (ANTH, PSYCH, SOC)
- ⁴ No additional coursework permitted during student teaching.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Social Studies Option - Spring Student Teaching: Secondary Education, B.S. at University Park Campus and Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
GEOG 30N ^{*#}	3 ENGL 15 or 30H ^{*#}	3
EDUC 100	1 HIST 20 ^{*#†}	3
PLSC 1 ^{*#}	3 PSYCH 100 ^{*#†}	3
Arts Selection	3 Science Selection [†]	3
Mathematics Selection ^{*#†}	3 Mathematics Selection ^{*#†}	3
Science Selection ^{*†}	3 Health and Physical Activity	1.5
	16	16.5

Second Year

Fall	Credits Spring	Credits
CI 280 ^{*†}	3 CI 295 ^{*#}	2
EDTHP 115 (or 400-level EDTHP) ^{*†}	3 EDPSY 14 ^{*#}	3
HIST 21 ^{*#†}	3 ECON 104 ^{*#†}	3
Additional Course Selection ^{*1}	3 HIST 1 or 10 ^{*†}	3
Additional Course Selection ^{*1}	3 Additional Course Selection ^{*1}	3
Health and Physical Activity	1.5 Literature Selection ^{*#†2}	
	16.5	14

Third Year

Fall	Credits Spring	Credits
CAS 100A [*]	3 SSED 411 [*]	3
ENGL 202A or 202B [*]	3 SPLED 400 [*]	4
HDFS 239 or PSYCH 412 ^{*†}	3 HIST 400-level Selection [*]	3
HIST 2 or 11 ^{*†}	3 Concentration Selection ^{*3}	3
Concentration Selection [*]	3 Concentration Selection ^{*3}	3
Concentration Selection [*]	3	
	18	16

Fourth Year

Fall	Credits Spring	Credits
SSED 412W [*]	3 CI 495E ^{*4}	15
CI 495C [*]	3	
SPLED 403B [*]	3	
Concentration Selection ^{*3}	3	
HIST 400-level selection ^{*3}	3	
	15	15

Total Credits 127

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

¹ Choose ANTH 45N or GEOG 6N and ECON 102, PLSC 3, PLSC 14 or SOC 1.

² Literature Selection list of acceptable courses available here (<https://ed.psu.edu/academics/departments/department-curriculum-and-instruction/undergraduate-teacher-education-pk-12/elementary-early-childhood-education-bs-pk-4/suggested-courses/>).

³ Civics & Government (PL SC), Classics & Ancient Studies (CAMS), Economics (ECON), Geography (GEOG), Holocaust & Genocide Studies (JST, HIST) or Social Sciences (ANTH, PSYCH, SOC).

⁴ No additional coursework permitted during student teaching.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.