

SECONDARY EDUCATION, B.S. (BEHREND)

Begin Campus: Any Penn State Campus

End Campus: Erie

Degree Requirements

For the B.S. degree in Secondary Education with an option in Biological Science Teaching, a minimum of 126 credits is required; with an option in Chemistry Teaching, a minimum of 126 credits is required; with an option in Earth and Space Science Teaching, a minimum of 123 credits is required; with an option in English Teaching, a minimum of 126 credits is required; with an option in Environmental Education Teaching and a cohort option, a minimum of 123 credits is required; with an option in General Science Teaching and a cohort option, a minimum of 121 credits is required; with an option in Mathematics Teaching, a minimum of 132 credits is required; with an option in Physics Teaching, a minimum of 121 credits is required; with an option in Social Studies Teaching, a minimum of 129-132 credits is required. (See also Teacher Education Programs (<https://ed.psu.edu/academics/teacher-testing-certification/>)):

Requirement	Credits
General Education	45
Electives	0-20
Requirements for the Major	83-111

12-27 of the 45 credits for General Education are included in the Requirements for the Major. This includes: Biological Science Teaching option, Chemistry Teaching option, Earth and Space Science Teaching option, Environmental Education Teaching option, General Science Teaching option, and Physics Teaching option--6 credits of GH courses; 9 credits of GN courses, 6 credits of GS courses; 6 credits of GQ courses. English Teaching option--0-6 credits of GA courses; 6 credits of GH courses; 6 credits of GS courses, 0-3 credits of GWS. Mathematics Teaching option--6 credits of GH courses; 6 credits of GS courses; 6 credits of GQ courses. Social Studies Teaching option--6 credits of GH courses; 3 credits of GN courses; 6 credits of GS courses. Six of these credits for any option may also satisfy the Integrative Studies requirement.

Requirements for the Major

A grade of C or better per course is required for teacher certification.

Common Requirements for the Major (All Options)

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better for teacher certification</i>		
CI 280	Introduction to Teaching English Language Learners	3
CI 295	Introductory Field Experience for Teacher Preparation	2
CI 495C	Clinical Application of Instruction -- Secondary Education	3
CI 495E	Practicum in Student Teaching--Secondary Education	15
EDPSY 14	Learning and Instruction	3

PSYCH 100	Introductory Psychology	3
SPLED 400	Inclusive Special Ed Foundations: Legal, Characteristics, Collaboration, Assessment, and Management	4
SPLED 403B	Evidence-Based Methods for Teaching Secondary Students with Disabilities in Inclusive Settings	3

Additional Courses

Additional Courses: Require a grade of C or better for teacher certification

PSYCH 412	Adolescence	3
or HDFS 239	Adolescent Development	

Supporting Courses and Related Areas

Supporting Courses and Related Areas: Require a grade of C or better for teacher certification

Select 3 credits of GH courses from Literature Selection	3
Select 3 credits of the following:	3
EDTHP 115 Education in American Society	
EDTHP 115A Competing Rights: Issues in American Education	
3 credits at the 400 level of any EDTHP course	

Requirements for the Option

Requirements for the Option: Require a grade of C or better for teacher certification

Select an option	38-66
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Requirements for the Option

Biological Science Teaching Option (63-66 credits)

Available at the following campuses: University Park

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better for teacher certification</i>		
BIOL 110	Biology: Basic Concepts and Biodiversity	4
BIOL 220W	Biology: Populations and Communities	4
BIOL 240W	Biology: Function and Development of Organisms	4
CHEM 110	Chemical Principles I	3
CHEM 111	Experimental Chemistry I	1
CHEM 112	Chemical Principles II	3
CHEM 113	Experimental Chemistry II	1
MATH 140	Calculus With Analytic Geometry I	4
SCIED 411W	Teaching Secondary Science I	3
SCIED 412	Teaching Secondary Science II	3

Additional Courses

Additional Courses: Require a grade of C or better for teacher certification

BMB 251 & BMB 252	Molecular and Cell Biology I and Molecular and Cell Biology II	4-6
or BIOL 230W	Biology: Molecules and Cells	
MATH 141	or 4 credits of 200-level STAT GQ courses	4
Select one of the following:		3-4
ANTH 21	Introductory Biological Anthropology	
ANTH 460	Human Genetics	
BIOL 427	Evolution	
GEOOSC 204	Geobiology	
GEOOSC 424	Paleontology and Fossils	

Select one of the following: 8

PHYS 211 & PHYS 212	General Physics: Mechanics and General Physics: Electricity and Magnetism
PHYS 250 & PHYS 251	Introductory Physics I and Introductory Physics II

Select 6 credits of the following: 6

BMB 211	Elementary Biochemistry
BMB 212	Elementary Biochemistry Laboratory
BMB 401	General Biochemistry
BMB 402	General Biochemistry
CHEM 202	Fundamentals of Organic Chemistry I
CHEM 203	Fundamentals of Organic Chemistry II
CHEM 210	Organic Chemistry I
CHEM 212	Organic Chemistry II
CHEM 213	Laboratory in Organic Chemistry

Supporting Courses and Related Areas

Supporting Courses and Related Areas: Require a grade of C or better for teacher certification

Select 8 credits of 300-level or 400-level BIOL or biological fields 8

Note 1: Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

Note 2: Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

Chemistry Teaching Option (55-60 credits)

Available at the following campuses: University Park

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better for teacher certification</i>		
BIOL 110	Biology: Basic Concepts and Biodiversity	4
CHEM 110	Chemical Principles I	3
CHEM 111	Experimental Chemistry I	1
CHEM 112	Chemical Principles II	3
CHEM 113	Experimental Chemistry II	1
MATH 140	Calculus With Analytic Geometry I	4
MATH 141	Calculus with Analytic Geometry II	4
PHYS 211	General Physics: Mechanics	4
PHYS 212	General Physics: Electricity and Magnetism	4
SCIED 411W	Teaching Secondary Science I	3
SCIED 412	Teaching Secondary Science II	3

Additional Courses

Additional Courses: Require a grade of C or better for teacher certification

Select one of the following: 6-8

CHEM 202 & CHEM 203	Fundamentals of Organic Chemistry I and Fundamentals of Organic Chemistry II
CHEM 210 & CHEM 212 & CHEM 213	Organic Chemistry I and Organic Chemistry II and Laboratory in Organic Chemistry

Select 9 credits from 400 level CHEM or related field 9

Supporting Courses and Related Areas

Supporting Courses and Related Areas: Require a grade of C or better for teacher certification

Select 6-9 credits in CHEM or chemistry-related fields at the 200 level or higher (e.g., BMB 211 and BMB 212, BMB 251, BMB 252, MICRB 251, FDSC 400, ANSC 301, NUTR 251, CHEM, CHE) 6-9

Note 1: Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

Note 2: Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

Earth and Space Science Teaching Option (60-63 credits)

Available at the following campuses: University Park

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better for teacher certification</i>		
ASTRO 10	Elementary Astronomy	2
ASTRO 11	Elementary Astronomy Laboratory	1
BIOL 110	Biology: Basic Concepts and Biodiversity	4
BIOL 220W	Biology: Populations and Communities	4
CHEM 110	Chemical Principles I	3
CHEM 111	Experimental Chemistry I	1
EARTH 100	Environment Earth	3
MATH 140	Calculus With Analytic Geometry I	4
MATH 141	Calculus with Analytic Geometry II	4
SCIED 411W	Teaching Secondary Science I	3
SCIED 412	Teaching Secondary Science II	3

Additional Courses

Additional Courses: Require a grade of C or better for teacher certification

GEOSC 1 or GEOSC 20	Physical Geology Planet Earth	3
GEOSC 21 or GEOSC 204	Earth and Life: Origin and Evolution Geobiology	3-4

Select one of the following: 8

PHYS 211 & PHYS 212	General Physics: Mechanics and General Physics: Electricity and Magnetism
PHYS 250 & PHYS 251	Introductory Physics I and Introductory Physics II

Select 3-4 credits from the following: 3-4

METEO 3	Weather Revealed: Introductory Meteorology
METEO 201	Introduction to Weather Analysis
METEO 300	Fundamentals of Atmospheric Science

Select 3-4 credits from the following: 3-4

BIOL 435	Ecology of Lakes and Streams
BIOL 482	Coastal Biology
GEOSC 40	The Sea Around Us
GEOSC 440	Marine Geology

Supporting Courses and Related Areas

Supporting Courses and Related Areas: Require a grade of C or better for teacher certification

Select 8 credits of 200-400 level from EARTH, GEOSC, METEO, ASTRO, other earth science field, or BIOL 427 8

Note 1: Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

Note 2: Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

English Teaching Option (40-42 credits)

Available at the following campuses: University Park

Note: Must complete at least 3 credits of IL and 3 credits of US Cultures selections.

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better for teacher certification</i>		
CI 492	Identities, Power and Perceptual Pedagogies in Teaching and Learning	3
LLED 411	Teaching Language Arts In Secondary Schools I	3
LLED 412W	Teaching Language Arts in Secondary Schools II	3
LLED 420	Teaching Adolescent Literature and Literacy	3
LLED 421	Teaching Writing in Secondary Schools	3
LLED 422	Teaching the Young Adult Literature Workshop	3
Additional Courses		
<i>Additional Courses: Require a grade of C or better for teacher certification</i>		
Select 1-3 credits of Grammar from the following:		1-3
APLNG 484	Discourse-Functional Grammar	
COMM 160	Basic News Writing Skills	
Select 3 credits of Speech and Oral Performance from the following:		3
CAS 100	Effective Speech	
CAS 280W	Storytelling and Speaking	
THEA 102	Fundamentals of Acting	
Select 3 credits of Shakespeare from the following:		3
ENGL 129	Shakespeare	
ENGL 405	Taking Shakespeare From Page to Stage	
ENGL 440	Studies in Shakespeare	
ENGL 444	Shakespeare	
Select 6 credits of British and American Literature from the following:		6
ENGL 221	British Literature to 1798	
ENGL 222	British Literature from 1798	
ENGL 231	American Literature to 1865	
ENGL 232	American Literature from 1865	
Select 3 credits of Multicultural Literature in English from the following:		3
CMLIT/LTNST 403	Latina/o Literature and Culture	
ENGL/AMST 135	Alternative Voices in American Literature	

ENGL/AFAM 139	African American Literature	
ENGL/WMNST 194	Women Writers	
ENGL/AAS 428	Asian American Literatures	
ENGL 431/AMST 475	Black American Writers	
ENGL/WMNST 462	Reading Black, Reading Feminist	
ENGL/AFAM 466	African American Novel I	
ENGL/AFAM 467	African American Novel II	
ENGL/AFAM 468	African American Poetry	
ENGL/WMNST 490	Women Writers and Their Worlds	
ENGL 492/AMST 476/WMNST 491	American Women Writers	
Select 3 credits of Nonprint Literature from the following:		3
AFAM/ENGL 235	From Folk Shouts and Songs to Hip Hop Poetry	
CMLIT 415	World Graphic Novels	
COMM 150N	The Art of the Cinema	
COMM 250	Film History and Theory	
COMM 411	Cultural Aspects of the Mass Media	
ENGL 136	The Graphic Novel	
THEA 100	The Art of the Theatre	
THEA 105	Introduction to Theatre	
Select 3 credits of Writing from the following:		3
ENGL 50	Introduction to Creative Writing	
ENGL 212	Introduction to Fiction Writing	
ENGL 213	Introduction to Poetry Writing	
ENGL 214	Introduction to Creative Nonfiction Writing	
ENGL 215	Introduction to General Nonfiction Writing	

Environmental Education Teaching Option (55-58 credits)

Available at the following campuses: University Park

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better for teacher certification</i>		
BIOL 110	Biology: Basic Concepts and Biodiversity	4
BIOL 220W	Biology: Populations and Communities	4
CHEM 101	Introductory Chemistry	3
MATH 140	Calculus With Analytic Geometry I	4
SCIED 411W	Teaching Secondary Science I	3
SCIED 412	Teaching Secondary Science II	3
SCIED 457		3
Additional Courses		
<i>Additional Courses: Require a grade of C or better for teacher certification</i>		

Select one of the following: 4

CHEM 20 Environmental Chemistry
& CHEM 21 and Environmental Chemistry Laboratory

CHEM 110 Chemical Principles I
& CHEM 111 and Experimental Chemistry I

Select one of the following: 3-4

BIOL 240W Biology: Function and Development of Organisms

WFS 407 Ornithology

WFS 408 Mammalogy

Supporting Courses and Related Areas

Supporting Courses and Related Areas: Require a grade of C or better for teacher certification

Select two courses (6-8 credits) in environmental law, economics, management and policy (e.g., ECON 428, ERM 411, ERM 412, ERM 413W, WFS 410, WFS 447W, WFS 463W) 6-8

Select 4 credits of an environmentally related course in Science Technology and Society (e.g., STS 100, STS 460) 4

Select at least 14 credits from the cohort Teaching option ¹ 14

¹ This option may only be completed in conjunction with another secondary teaching option, such as the Biological Science Teaching option.

Note 1: Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

Note 2: Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

General Science Teaching Option (38 credits)

Available at the following campuses: University Park

Code	Title	Credits
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Prescribed Courses

Prescribed Courses: Require a grade of C or better for teacher certification

BIOL 110	Biology: Basic Concepts and Biodiversity	4
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CHEM 110	Chemical Principles I	3
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CHEM 111	Experimental Chemistry I	1
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CHEM 112	Chemical Principles II	3
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CHEM 113	Experimental Chemistry II	1
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MATH 140	Calculus With Analytic Geometry I	4
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SCIED 411W	Teaching Secondary Science I	3
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SCIED 412	Teaching Secondary Science II	3
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Additional Courses

Additional Courses: Require a grade of C or better for teacher certification

MATH 141 or 4 credits of 200-level STAT GQ courses		4
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Select one of the following: 4

BIOL 220W	Biology: Populations and Communities
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BIOL 230W	Biology: Molecules and Cells
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BIOL 240W	Biology: Function and Development of Organisms
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Select one of the following: 8

PHYS 211	General Physics: Mechanics
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& PHYS 212	and General Physics: Electricity and Magnetism
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PHYS 250 & PHYS 251	Introductory Physics I and Introductory Physics II
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Note 1: This option may only be completed in conjunction with another secondary teaching option, such as Biology.

Note 2: Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics. options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

Note 3: Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

Mathematics Teaching Option (57-59 credits)

Available at the following campuses: Erie, University Park

Code	Title	Credits
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Prescribed Courses

Prescribed Courses: Require a grade of C or better for teacher certification

MATH 140	Calculus With Analytic Geometry I	4
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MATH 141	Calculus with Analytic Geometry II	4
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MATH 220	Matrices	2-3
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MATH 310	Elementary Combinatorics	3
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MATH 311W	Concepts of Discrete Mathematics	3-4
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MATH 312	Concepts of Real Analysis	3
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MATH 414	Introduction to Probability Theory	3
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MATH 471	Geometry for Teachers	4
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MTHED 411	Teaching Secondary Mathematics I	3
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MTHED 412W	Teaching Secondary Mathematics II	3
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MTHED 427	Teaching Mathematics in Technology-Intensive Environments	3
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Additional Courses

Additional Courses: Require a grade of C or better for teacher certification

CMPSC 101	Introduction to Programming	3
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or CMPSC 121	Introduction to Programming Techniques	
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MATH 231	Calculus of Several Variables	4
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& MATH 232	and Integral Vector Calculus	
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or MATH 230	Calculus and Vector Analysis	
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MATH 435	Basic Abstract Algebra	3
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or MATH 470	Algebra for Teachers	
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MATH 436	Linear Algebra	3
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or MATH 441	Matrix Algebra	
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Select one of the following: 3

MATH 415	Introduction to Mathematical Statistics
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STAT 401	Experimental Methods
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3 credits of MTHED from program list

Supporting Courses and Related Areas

Supporting Courses and Related Areas: Require a grade of C or better

Select 6 credits from 400-level MATH or MTHED courses	6
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Physics Teaching Option (55-62 credits)

Available at the following campuses: University Park

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better for teacher certification</i>		
BIOL 110	Biology: Basic Concepts and Biodiversity	4
CHEM 110	Chemical Principles I	3
CHEM 111	Experimental Chemistry I	1
CHEM 112	Chemical Principles II	3
CHEM 113	Experimental Chemistry II	1
MATH 140	Calculus With Analytic Geometry I	4
MATH 141	Calculus with Analytic Geometry II	4
MATH 220	Matrices	2-3
PHYS 211	General Physics: Mechanics	4
PHYS 212	General Physics: Electricity and Magnetism	4
PHYS 213	General Physics: Fluids and Thermal Physics	2
PHYS 214	General Physics: Wave Motion and Quantum Physics	2
PHYS 237	Introduction to Modern Physics	3
PHYS 400	Intermediate Electricity and Magnetism	3
PHYS 419	Theoretical Mechanics	3
SCIED 411W	Teaching Secondary Science I	3
SCIED 412	Teaching Secondary Science II	3
Additional Courses		
<i>Additional Courses: Require a grade of C or better for teacher certification</i>		
MATH 230	Calculus and Vector Analysis	2-4
or MATH 231	Calculus of Several Variables	
MATH 250	Ordinary Differential Equations	3-4
or MATH 251	Ordinary and Partial Differential Equations	
Select one of the following:		1-4
PHYS 402	Electronics for Scientists	
PHYS 457		
PHYS 458	Intermediate Optics	

Note 1: Students may complete multiple science teaching options concurrently by completing all of each option's requirements. The six science teaching options are: Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, and Physics.

Note 2: Red Cross certification in First Aid and CPR (or their equivalent) must be earned for science certification.

Social Studies Teaching Option (57 credits)
Available at the following campuses: University Park

A grade of C or better per course is required for teacher certification.

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better for teacher certification</i>		
ECON 104	Introductory Macroeconomic Analysis and Policy	3
GEOG 30N	Environment and Society in a Changing World	3
HIST 20	American Civilization to 1877	3
HIST 21	American Civilization Since 1877	3

PLSC 1	American Politics: Principles, Processes and Powers	3
SSED 411	Teaching Secondary Social Studies I	3
SSED 412W	Teaching Secondary Social Studies II	3
Additional Courses		
<i>Additional Courses: Require a grade of C or better for teacher certification</i>		
HIST 1	Western Civilization I	3
or HIST 10	World History to 1500	
HIST 2	Western Civilization II	3
or HIST 11	World History since 1500	
Select 9 credits of the following:		9
ANTH 45N	Cultural Diversity: A Global Perspective	
ECON 102	Introductory Microeconomic Analysis and Policy	
GEOG 6N	Maps and the Geospatial Revolution	
PLSC 3	Comparing Politics around the Globe	
PLSC 14	International Relations	
SOC 1	Introductory Sociology	
Supporting Courses and Related Areas		
<i>Supporting Courses and Related Areas: Require a grade of C or better for teacher certification</i>		
Select 6 credits of 400-level History		6
Select one concentration:		15
<i>Citizenship Education</i>		
Select 6 credits of History at the 100-level or above		
Select 3 credits of the following:		
ANTH 45N	Cultural Diversity: A Global Perspective	
SOC 1	Introductory Sociology	
Select 3 credits of the following:		
ECON 102	Introductory Microeconomic Analysis and Policy	
PLSC 3	Comparing Politics around the Globe	
PLSC 14	International Relations	
Select 3 credits of the following:		
GEOG 6N	Maps and the Geospatial Revolution	
GEOG 10	Physical Geography: An Introduction	
GEOG 20	Human Geography: An Introduction	
<i>Civics and Government</i>		
PLSC 3	Comparing Politics around the Globe	
PLSC 14	International Relations	
Select 3 credits of the following:		
PLSC 7N	Contemporary Political Ideologies	
PLSC 10	Scientific Study of Politics	
PLSC 17N	Introduction to Political Theory	
Select 6 credits of 400-level Political Science		
<i>Classics and Ancient Studies</i>		
Select 3 credits from the following:		
CAMS 1	Greek and Roman Literature	
CAMS 4	Jewish and Christian Foundations	
CAMS 5	Ancient Mediterranean Civilizations	
Select 3 credits of 100-level Classics and Ancient Mediterranean Studies		
Select 3 credits of Classics and Ancient Mediterranean Studies below the 400 level		

Select 6 credits of 400-level Classics and Ancient Mediterranean Studies

Economics

ECON 102 Introductory Microeconomic Analysis and Policy

ECON 302 Intermediate Microeconomic Analysis

ECON 304 Intermediate Macroeconomic Analysis

Select 6 credits of 400-level Economics

Geography

Select 9 credits of Geography below the 400 level

Select 6 credits of 400-level Geography

Holocaust and Genocide Studies

HIST/JST 121 History of the Holocaust 1933-1945

Select 6 credits from the following:

CMLIT/ENGL/ JST 128N The Holocaust in Film and Literature

HIST/JST 143N History of Fascism and Nazism

HIST/JST 195 Genocide in Global perspectives: Twentieth Century and beyond

Select 6 credits from the following:

HIST/JST 426 Holocaust

HIST/JST/ WMNST 439 Women and the Holocaust

JST/PLSC 450H Genocide and Tyranny

ASIA/HIST 457/JST 474 Hiroshima & the Holocaust in History and Memory

JST/PHIL/ RLST 478 Ethics After the Holocaust

Social Sciences

Select 9 credits of Anthropology, Psychology, and/or Sociology below the 400 level

Select 6 credits of 400-level Anthropology, Psychology, and/or Sociology

Note 1: Courses taken to meet Additional Courses and other Supporting Courses and Related Areas requirements cannot also be applied to the concentration. Different courses need to be selected for the concentration and Additional Courses and other Supporting Courses and Related Areas requirements.

General Education

Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (<https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/>) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

Foundations (grade of C or better is required and Inter-Domain courses do not meet this requirement.)

- Quantification (GQ): 6 credits
- Writing and Speaking (GWS): 9 credits

Breadth in the Knowledge Domains (Inter-Domain courses do not meet this requirement.)

- Arts (GA): 3 credits
- Health and Wellness (GHW): 3 credits
- Humanities (GH): 3 credits
- Social and Behavioral Sciences (GS): 3 credits
- Natural Sciences (GN): 3 credits

Integrative Studies

- Inter-Domain Courses (Inter-Domain): 6 credits

Exploration

- GN, may be completed with Inter-Domain courses: 3 credits
- GA, GH, GN, GS, Inter-Domain courses. This may include 3 credits of World Language course work beyond the 12th credit level or the requirements for the student's degree program, whichever is higher: 6 credits

University Degree Requirements

First Year Engagement

All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3 credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

Cultures Requirement

6 credits are required and may satisfy other requirements

- United States Cultures: 3 credits
- International Cultures: 3 credits

Writing Across the Curriculum

3 credits required from the college of graduation and likely prescribed as part of major requirements.

Total Minimum Credits

A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

Quality of Work

Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

Limitations on Source and Time for Credit Acquisition

The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or

within time constraints (see Senate Policy 83-80 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80>)). For more information, check the Suggested Academic Plan for your intended program.