

# Education Major

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## About

The Education and Counseling Department undergraduate offerings include a Major in Secondary Education, two different Minor in Education programs, a Minor in Counseling, and a combined [BA/MA in Education](#). The Secondary Education degree has been approved by the Pennsylvania Department of Education (PDE) to recommend candidates for Level I Certification in order to teach in grades 7 through 12 in Pennsylvania's public schools. Faculty in the department are highly engaged in both theoretical and practical research related to education and counseling.

**Program:** [Education and Counseling](#)

**Type:** Bachelor of Arts

## MAJOR (34 credits + Concentration)

In addition to demonstrating competence within their chosen academic discipline, as well as fulfilling the College of Arts and Sciences' core curriculum requirements, students participate in a wide variety of classroom field experiences. Such experiences are carefully selected and supervised and always appropriate to both the academic and professional competence of the students.

### *Program Notes:*

- Students majoring in Education need to select one concentration from those listed below. The credit total for the B.A. will vary depending upon the concentration.
- To be accepted into the major, students must have a 3.0 GPA, 6 credits in English and 6 credits in math completed prior to the start of their junior year..
- Candidates for the major should apply as soon as possible and no later than sophomore year
- Teacher certification is embedded within the B.A. program. [Visit this page to learn more.](#)

## Education Major Required Courses:

Item #	Title	Credits
	EDU 2201 or EDU 2202	3
EDU 2300	Research Seminar in Education	3
EDU 3000	Prof. Development in Education	1
EDU 3251	Psych of Teaching & Learning	3
EDU 3263	Diversity and Inclusion	3
EDU 3264	Intro to Disability Studies	3
EDU 4245	Literacy & Eng Lang Learning	3
EDU 4290	Philosophy of Education	3
EDU 4291	Student Teaching	9
EDU 4292	Senior Seminar	3

## Select Concentration (43-65)

Students majoring in Education need to select one concentration from those listed below. The credit total for the B.A. will vary depending upon the concentration.

Item #	Title	Credits
	Teaching Biology Concentration (48-49 credits)	48-49
	Teaching Chemistry Concentration (42 credits)	42
	Teaching English Concentration (36 Credits)	36
	Teaching French Concentration (36 credits)	36
	Teaching Latin Concentration (36 credits)	36
	Teaching Mathematics Concentration (41 credits)	41
	Teaching Physics Concentration (41 credits)	41
	Teaching Social Studies Concentration (42 credits)	42
	Teaching Spanish Concentration (39 credits)	39

## Category Descriptions

### EDU 2201 or EDU 2202

Credits: 3

Item #	Title	Credits
EDU 2201	Social Foundation Educ I	3
EDU 2202	Social Foundation Edu II	3

### Teaching Biology Concentration (48-49 credits)

Credits: 48-49

- Students must be a declared education major to have this concentration.
- Students in the education major with a biology emphasis fulfill their core math, core natural science, and core social science with courses taken in the major.

Item #	Title	Credits
BIO 2105	General Biology I	4
BIO 2106	General Biology II	4
BIO 3055	Animal Physiology	4
BIO 3351	Genetics	4
BIO 3255	Evolutionary Ecology	4
BIO 3595	General Microbiology	4
CHM 1151	General Chemistry I	4
CHM 1103	General Chemistry Lab I	1
MSE 2206	BIO:Biotechnology in Our Soc.	4
	Electives for Education BIO Concentration	11-12

### Teaching Chemistry Concentration (42 credits)

Credits: 42

- Students in the education major with a chemistry emphasis fulfill their core math, core natural science, and core social science with courses taken in the major.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	CHM 1151 & 1103	5
	CHM 1152 & 1104	4
	CHM 2211 & 2201	4
	CHM 2212 & CHM 2202	4
	CHM 3412 & 3404	4
	CHM 4611 & CHM 4601	4
MSE 2301	CHM: Water	4
MSE 2304	CHM:Our Energy Future	4
MSE 2305	Perspective on Plastic	4
MSE 2302	CHM: Criminalistics	4

### Teaching English Concentration (36 Credits)

Credits: 36

- Students in the education major with a Teaching English emphasis fulfill their core math and core social science with courses taken in the major.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENG 2000-2070	6
ENG 2250	Ways of Reading:Lit Analysis	3
ENG 2400	Classical Hero in Ancient Lit	3
ENG 3250	Shakespeare	3
ENG 3001	Foundational Lit in ENG 1	3
	ENG 4001 or ENG 4000	3
	ENG 4601 or ENG 4600	3
EDU 3220	Literature in Classrooms	3
COM 1100	Public Speaking	3
	African American Literature, EDU B.A.	3
	Women's Literature, EDU B.A.	3

### Teaching French Concentration (36 credits)

Credits: 36

- Students in the education major with a Teaching French emphasis fulfill their core language, core math, and core social science with courses taken in the major.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FFS 1121	Intermediate French I	3
FFS 1122	Intermediate French II	3
FFS 1131	Conversation and Composition I	3
FFS 1132	Conversation & Composition II	3
	FFS 1138 or FFS 1140	3
FFS 2220	Lit and Culture of France	3
FFS 2221	Lit/Cult Francophone World	3
FFS 2075	Introduction to French Cinema	3
FFS 3925	Paris, Capital of the 19th-C	3
FFS 3970	Research Seminar	3
	French Electives for EDU B.A. Concentration	6

### Teaching Latin Concentration (36 credits)

Credits: 36

- Students in the education major with a Teaching Latin emphasis fulfill their core language and core social science with courses taken in the major.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
LAT 1111	Introductory Latin I	3
LAT 1112	Introductory Latin II	3
LAT 1121	Intermediate Latin I	3
LAT 1122	Intermediate Latin II	3
	Latin 3001 courses	12
	Classical or Greek Electives for Latin, EDU B.A.	9
CLA 6001	Senior Classics Capstone	3

### Teaching Mathematics Concentration (41 credits)

Credits: 41

- Students in the education major with a Teaching Mathematics emphasis fulfill their core math and core social science with courses taken in the major.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MAT 1500	Calculus I	4
MAT 1505	Calculus II	4
MAT 2500	Calculus III	4
MAT 2600	Foundation of Math I	3
MAT 2705	Diff Equation with Linear Alg	4
MAT 3300	Advanced Calculus	3
MAT 3400	Linear Algebra	3
MAT 3500	Modern Algebra I	3
MAT 3930	History of Mathematics	3
STAT 4310	Stat Methods	3
MAT 5110	Topics in Geometry	3
CSC 1051	Algorithms & Data Struc I	4

## Teaching Physics Concentration (41 credits)

Credits: 41

- Students in the education major with a Teaching Physics emphasis fulfill their core math and core social science with courses taken in the major.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	CHM 1151 & 1103	5
MAT 2705	Diff Equation with Linear Alg	4
	PHY 2410 & 2411	4
	PHY 2412 & 2413	4
	PHY 2414 & 2415	4
	PHY 2416 & 2417	4
	MSE 2602 & 2652	4
	MSE 2603 & 2653	4
	MSE 2604 & 2654	4

## Teaching Social Studies Concentration (42 credits)

Credits: 42

- Students in the education major with a Teaching Social Studies emphasis fulfill their core math and core social science with courses taken in the major.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ECO 1001 or ECO 1002	3
GEV 1002	Geo. of a Globalizing World	3
PSC 1100	American Government	3
PSC 1200	International Relations	3
PSY 1000	General Psychology	3
HIS 2000	Investigating U.S. History I	3
HIS 2001	Investigating US History II	3
	Pre-1750 European History for EDU SS	3
	EDU 2252 or EDU 3258 or EDU 3262	3
	GIS 2000 or CST 2100	3
	SOC 3600 or SOC 1000	3
	Women's History for EDU SS	3
	African American History, EDU B.A. for SS	3
	World History Elective for EDU SS	3

## Teaching Spanish Concentration (39 credits)

Credits: 39

- Students in the education major with a Teaching Spanish emphasis fulfill their core language, core math, and core social science with courses taken in the major

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPA 1121	Intermediate Spanish I	3
SPA 1122	Intermediate Spanish II	3
SPA 1131	Conversation & Composition I	3
SPA 1132	Conversation & Composition II	3
	SPA 1138 or SPA 1140	3
SPA 2220	Literature & Culture of Spain	3
SPA 2221	Lit. & Cult. of Latin America	3
	Spanish Electives for EDU SPA	15
	Additional SPA elective or SPA 3970	3