

ADVISING

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**LYCOMING
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Areas of Certification

Lycoming College offers the following certification programs approved by the Pennsylvania Department of Education (PDE):

Early Childhood Education

- Grades PK-4

Secondary Education 7-12

- Biology
- Chemistry
- English
- Mathematics
- Physics
- Social Studies – major in psychology, sociology, anthropology, economics, history, political science, philosophy

PK-12 Certification Areas

- Art
- Music
- Modern Languages (French, German and Spanish)
- Special Education PK-12

Certification

In addition to Lycoming College's requirements for an academic degree, candidates seeking teacher licensure in Pennsylvania must also meet all requirements set forth by the Pennsylvania Department of Education (PDE). Certification requirements are set by the state of Pennsylvania and subject to change. Contact the teacher certification officer for current certification requirements. Successful completion of the program requirements and passing scores on the required certification exams allow students to be certified to teach in the specific content area. All certification programs require a 3.0 or better GPA at completion of program and graduation in order to receive certification. Reciprocal agreements among states allow students to become certified in states other than Pennsylvania by applying directly to the Department of Education in that state. In these states teachers can be hired with their Pennsylvania certificate and will have to meet the individual requirements for certification in that specific state.

Requirements for All Education Certification Programs

All items in a level must be met before a student can move on to the next level in the program. Aside from certification requirements set by the Pennsylvania Department of Education (PDE), decisions regarding a student’s progression through the program are at the discretion of the Education department faculty.

Level 1 – Preadmission to the Teacher Certification Program
Complete Special Programs Form (D-207 or Education Advisor)
ENGL 106 or 107 - English Composition and PSY 110 – Introduction Psychology
Obtain clearances and submit copies to the education department. Maintain yearly updates.
Understand that a cumulative 3.0 minimum GPA is needed for certification
Satisfactory achievement on Teacher Candidate Evaluations
Pass or meet exemption requirements for PDE basic skills assessments – PDE has waived this requirement through July 8, 2025
Sign Lycoming College Education department Statement of Understanding
Complete a minimum of 48 credits
Level 2 – Admission to the Teacher Certification Program (Following successful completion of Level 1 requirements and sophomore year)
Update clearances and submit copies to the education department
Achieve a minimum cumulative 3.0 GPA. Under certain circumstances students will be admitted with a GPA that falls between 2.8-2.99. Students with a GPA less than 2.8 will not be formally admitted into the program.
Satisfactory achievement on Teacher Candidate Evaluations
Apply for and complete interview for entrance into Level 3
Acquire two recommendations from outside of the education department
Begin preparing for PDE required teacher certification tests – you must pass these in order to be certified. Consult with your Education Advisor to determine the best time to take them.
Be prepared to pay the \$500 fee for EDUC 348 as part of the pre-student teaching semester
Level 3 – Teacher Education Candidacy
Update clearances and submit copies to the education department
Achieve a minimum cumulative 3.0 GPA. Under certain circumstances students will be admitted with a GPA that falls between 2.8-2.99. Students with a GPA less than 2.8 will not be formally admitted into the program.
Satisfactory achievement on Teacher Candidate Evaluations
Continue preparing for PDE required teacher certification tests – you must pass these in order to be certified. Consult with your Education Advisor to determine the best time to take them.
Successful completion of pre-student teaching and student teaching semesters
Recommendations from cooperating teacher(s) and college supervisor(s)
Students earning a “C” or lower, in any education course, may be required to retake the course.
Level 4 – Teacher Certification
3.0 minimum GPA
Education exit process
Conferral of baccalaureate degree
Instructional I Teacher Certification through TIMS (PDE website)
Final transcript sent to Dr. Amy Rogers, Teacher Certification Officer
Certificate issued by PDE

Additional Teacher Certification Requirements and Information:

State-mandated 6 credits of English –3 in **composition** and 3 in **(American or British) literature** - these two courses must be offered by an English department. English credit awarded by Lycoming College for AP courses and/or CLEP exams will count toward this requirement. Students who need a course for certification only and do not need it for graduation credit need to consult with the Chair of the Education department for approval to take a course elsewhere.

State-mandated 6 math credits – these two courses must be offered by a math department and open to all students. Math credit awarded by Lycoming College for AP courses and/or CLEP exams will count toward this requirement. None of these courses may be taken on a PASS/FAIL basis for this education requirement. Math 100 **does not** count as an education math requirement. Students must take an additional 2 credits beyond their 4 credit Math distribution requirement at Lycoming College.

Regular tutoring sessions for the ETS Core, PAPA, PECT and Praxis II, will be advertised throughout the semester and available upon request.

Certification Exams - Students are responsible to obtain all necessary Pearson PAPA*/PECT, ETS Core Academics* & PRAXIS II registration information, requirements and materials from the education department office in D207. It is suggested that all test registration be completed in the education office. Test preparation material is available online at <http://www.pa.nesinc.com/Home.aspx> and <http://www.ets.org/praxis/prepare/materials>. Information on registration deadlines and testing dates are available in D207 or can be found on the PDE website. See the education department administrative assistant for a list of required certification exams for individual certification areas.

EDUC 348 - There is a **\$500 lab fee associated with this course.**
(It is your responsibility to advise your parent/guardian of the lab fee.)

Please refer to the suggested sequence of courses included in this handbook as they relate to your specific certification program. Additionally, please meet with both your major and education advisors to keep your program updated.

Students denied admission to the Professional Semester have the right to appeal the decision to the Academic Standards Committee.

Clearances – The Pennsylvania Department of Education (PDE) and Lycoming College require all candidates to submit the following documents to the field placement coordinator upon entrance into an education program and before working with children during required field experiences. Information on how to process and obtain these clearances is available from the faculty secretary (D 207).

Clearance	Renew Yearly	Required Once
Act 114 (FBI report) Register online/take registration form to center \$25.55		X
Act 34 (PA state police criminal history) Complete online \$22		X
Act 151 (Child abuse report) Complete online \$13		X
TB Offered at the beginning of the fall and spring semester at Lycoming College \$11	X	
Statement of Understanding Available from your Education Advisor	X	

Grades PreK-4

- English Composition
- English Literature
- Math – 6 credits: 1. _____ 2. _____
- ECED/SPLD 243D Early Literacy Development (**spring only**)
- ECED 340 Children and Math (**spring only**)
- ECED 341 Children and Social Studies (**fall only**)
- ECED 342 Children and Science (**fall only**)
- ECED 344W Literacy Learning In Early Elementary Grades (**fall only**)
- EDUC 000 Seminar in Art, Music, Physical Education and Computer Activities (0 cr) (**spring only**)
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching; **\$500 lab fee**)
- PSY 110 Introductory Psychology
- Take one from**
 - PSY 115 Development from Infancy to Middle Childhood
 - PSY 120 Child and Adolescent Development
- Take one from**
 - PSY 211 Learning Disabilities (offered **spring 2024**)
 - SPLD 352 Advanced Topics in Learning and Behavior in General and Special Education Settings,
Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the T/Th class (without recitation)
- SPLD 230 Introduction to Special Education

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLD 447 Professional Development for the Inclusive Setting (6 cr)

**Students who do not pass, or submit proof of exemption from, the PDE required tests of basic skills by the start of their junior year will not be permitted to continue in the Education Program.

****Act 55 of 2022 signed into law by Governor Wolf on July 8, 2022, requires the Secretary of Education to waive the requirement to satisfactorily complete the assessment of basic skills required under section 1207.3 and 22 Pa. Code § 49.18(c) (relating to assessment) for 3 years from July 8, 2022 through July 8, 2025. This applies to all students who enter preparation programs during this period as well as otherwise qualified candidates for licensure who make application during this period.**

Suggested Course Sequence for Grades PK-4 Certification Program

Fall Term Student Teaching Plan

Year	Fall	Spring
Freshman	PSY 110	ECED/SPLED 243D (spring only)
	English Comp/FYS	English Comp/FYS
Sophomore	ECED 342 (fall only)	PSY 211 or EDUC/SPLED 352
	EDUC 215 and 225 (2 cr each)*	SPLED 230
	PSY 120 or PSY 115	
Junior	ECED 341 (fall only)	ECED 340* (spring only)
	ECED 344W (fall only)	EDUC 348 – non-credit \$500 lab fee
		EDUC 000 – non-credit (spring only)
Senior	EDUC 461	
	EDUC 462	
	EDUC 465	
	SPLED 447	

Spring Term Student Teaching Plan

Year	Fall	Spring
Freshman	PSY 110	ECED 243D (spring only)
	English Comp/FYS	English Comp/FYS
Sophomore	ECED 342 (fall only)	EDUC 215 and 225 (2 cr each)*
	PSY 120 or PSY 115	PSY 211 or EDUC/SPLED 352
Junior	ECED 341 (fall only)	ECED 340 (spring only)
	SPLED 230	EDUC 000 – non-credit (spring only)
Senior	ECED 344W (fall only)	EDUC 461
	EDUC 348 – non-credit \$500 lab fee	EDUC 462
		EDUC 465
		SPLED 447

**Students who do not pass, or submit proof of exemption from, the PDE required tests of basic skills by the start of their junior year will not be permitted to continue in the Education Program.

All teacher candidates are required by PDE to take 6 credits in English Comp and English Literature, as well as 6 credits in Math.

****Act 55 of 2022 signed into law by Governor Wolf on July 8, 2022, requires the Secretary of Education to waive the requirement to satisfactorily complete the assessment of basic skills required under section 1207.3 and 22 Pa. Code § 49.18(c) (relating to assessment) for 3 years from July 8, 2022 through July 8, 2025. This applies to all students who enter preparation programs during this period as well as otherwise qualified candidates for licensure who make application during this period.**

Special Education PK-12 Required Courses

- English Composition
- English Literature
- Math – 6 credits: 1. _____ 2. _____
- ECED/SPLED 243D Early Literacy Development (**spring only**)
- ECED 340 Children and Math (**spring only**)
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC 338 Literacy in the Content Areas **spring only**, (if pursuing dual certification in **SPLED** and **ECED** take **ECED 344 - fall only**)
- EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching; **\$500 lab fee**)
- PSY 110 Introductory Psychology
- Take one from**
 - PSY 115 Development from Infancy to Middle Childhood
 - PSY 118 Adolescent Psychology
 - PSY 120 Child and Adolescent Development
- PSY 211/EDUC 352 Learning Disabilities (**spring only**) or EDUC/SPLED 352 Advanced Topics in Learning & Behavior
- SPLED 230 Introduction to Special Education
- SPLED 320 Instructional Methods for Exceptional Learners (**spring – even years only**)
- SPLED 331 Assessment and Transition for Exceptional Learners (**spring – odd years only**)
- SPLED 335 Behavior Applications for High-and Low-Incidence Populations (**spring only – if applicable**)
- SPLED/EDUC 352 Advanced Topics in Learning & Behavior in General & Special Education Settings (plus recitation)

NOTE: EDUC/SPLED 352, *Advanced Topics in Learning and Behavior in General and Special Education Settings*, taught by Dr. Kohler will satisfy the same requirement as PSY 211. If you can fit this class in your schedule, please consider taking it in place of PSY 211. Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the class (without recitation).

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

**Students who do not pass, or submit proof of exemption from, the PDE required tests of basic skills by the start of their junior year will not be permitted to continue in the Education Program.

****Act 55 of 2022 signed into law by Governor Wolf on July 8, 2022, requires the Secretary of Education to waive the requirement to satisfactorily complete the assessment of basic skills required under section 1207.3 and 22 Pa. Code § 49.18(c) (relating to assessment) for 3 years from July 8, 2022 through July 8, 2025. This applies to all students who enter preparation programs during this period as well as otherwise qualified candidates for licensure who make application during this period.**

Suggested Sequence of Courses for Special Education PK-12 Program

Fall Term Student Teaching Plan

Year	Fall	Spring
Freshman	PSY 110	ECED/SPLED 243D (spring only)
	English Comp/FYS	PSY 118 (spring only) or PSY 115 (fall only) or PSY 120
Sophomore	EDUC 215 and 225 (2 cr each)*	SPLED 230
	PSY 115 (fall only) or PSY 118 (spring only) or PSY 120	PSY 211 (spring 2024 only) or EDUC/SPLED 352
		SPLED 320 (spring only)
Junior		ECED 340* (spring only)
	English Comp/FYS	EDUC 348 – non-credit <i>\$500 lab fee</i>
		SPLED 331 (spring – odd years only)
		SPLED 335 (spring only – if applicable)
		EDUC 338 (spring only) (if pursuing dual certification in SPLED and ECED, take ECED 344)
Senior	EDUC 461	
	EDUC 462	
	EDUC 465	
	SPLED 447	

Spring Term Student Teaching Plan

Year	Fall	Spring
Freshman	PSY 110	ECED/SPLED 243D (spring only)
		PSY 118 (spring only) or PSY 115 (fall only) or PSY 120
Sophomore		PSY 211 (spring 2024 only) or EDUC/SPLED 352
	EDUC 215 and 225 (2 cr each)*	SPLED 230
	PSY 115 (fall only) or PSY 118 (spring only) or PSY 120	SPLED 320 (spring only)
Junior		ECED 340 (spring only)
		SPLED 331 (spring – odd years only)
	English Comp/FYS	SPLED 335 (spring only – if applicable)
		EDUC 338 (spring only) (if pursuing dual certification in SPLED and ECED, take ECED 344)
Senior		EDUC 461
	EDUC 348 – non-credit <i>\$500 lab fee</i>	EDUC 462
		EDUC 465
		SPLED 447

**Students who do not pass, or submit proof of exemption from, the PDE required tests of basic skills by the start of their junior year will not be permitted to continue in the Education Program.

All teacher candidates are required by PDE to take 6 credits in English Comp and English Literature, as well as 6 credits in Math.

****Act 55 of 2022 signed into law by Governor Wolf on July 8, 2022, requires the Secretary of Education to waive the requirement to satisfactorily complete the assessment of basic skills required under section 1207.3 and 22 Pa. Code § 49.18(c) (relating to assessment) for 3 years from July 8, 2022 through July 8, 2025. This applies to all students who enter preparation programs during this period as well as otherwise qualified candidates for licensure who make application during this period.**

NOTES

Course Requirements

By

Certification Area

Art, Music and Modern Languages K -12

Lycoming College offers PDE Certification in the areas listed hereafter. Students seeking certification in a specific area of PK-12 education are expected to choose their academic major in that area. With careful planning, dual certification in both a secondary specialty and/or in elementary education or special education is possible or in two secondary specialties. Please work closely with your major advisor and your Education advisor to ensure that all required courses in both programs are completed.



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Suggested Course Sequence for PK-12 Certification Areas

Fall Term Student Teaching Plan

Year	Fall	Spring
Freshman	PSY 110	English Comp/FYS
	English Comp/FYS	EDUC 215 and 225 (2 cr each)*
Sophomore	SPLED 230	PSY 118 or PSY 120
Junior	EDUC 339	PSY 211 or EDUC/SPLED 352
		EDUC 338
	EDUC/SPLED 352	EDUC 348 – non-credit \$500 lab fee
Senior	EDUC 461	
	EDUC 462	
	EDUC 465	
	SPLED 447	

Spring Term Student Teaching Plan

Year	Fall	Spring
Freshman	PSY 110	English Comp/FYS
	English Comp/FYS	EDUC 215 and 225 (2 cr each)*
Sophomore	SPLED 230	PSY 118 or PSY 120
Junior	EDUC/SPLED 352	PSY 211 or EDUC/SPLED 352
	EDUC 339	EDUC 338
Senior		EDUC 461
	EDUC 348 – non-credit \$500 lab fee	EDUC 462
		EDUC 465
		SPLED 447

All teacher candidates are required by PDE to take 6 credits in English Comp and English Literature, as well as 6 credits in Math.

Some certification areas require additional pedagogy courses for certification: i.e., MLS 338, ARTH 310, MUS 340, MUS 341, BIO 000, CHEM 000, and PHYS 000. Please consult with your major and Education advisor to ensure you take the necessary coursework.

**Students who do not pass, or submit proof of exemption from, the PDE required tests of basic skills by the start of their junior year will not be permitted to continue in the Education Program.

****Act 55 of 2022 signed into law by Governor Wolf on July 8, 2022, requires the Secretary of Education to waive the requirement to satisfactorily complete the assessment of basic skills required under section 1207.3 and 22 Pa. Code § 49.18(c) (relating to assessment) for 3 years from July 8, 2022 through July 8, 2025. This applies to all students who enter preparation programs during this period as well as otherwise qualified candidates for licensure who make application during this period.**

Art PK-12

Students seeking certification to teach art should, as soon as possible, consult with the education department faculty and make their intentions known to their art department advisor so that all requirements can be met before the Professional Student Teaching Semester. Please work closely with your art advisor and your education advisor to ensure that all required courses in both areas are completed.

Course requirements:

Successful completion of a major in art, as stated in the College catalogue. This includes the Art Foundation Program and Generalist. The generalist art major should be taken by those students who are seeking teaching certification in art. In addition, this area of specialization is recommended for those students also majoring or minoring in psychology with a possible future career in art therapy.

Art Foundation Program or Generalist Art Major

- English Composition
- English Literature
- Math – 6 credits: 1. _____ 2. _____
- ARHI 310 History and Practice of Art Education
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching **\$500 lab fee**)
- EDUC/SPLED 338I Literacy in the Content Areas (**spring only**)
- EDUC 339W Methods of Teaching Middle and Secondary Students (**fall only**)
- PSY 110 Introductory Psychology
- Take one from**
 - PSY 211 Learning Disabilities (offered **spring 2024**)
 - SPLED 352 Advanced Topics in Learning and Behavior in General and Special Education Settings,
Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the T/Th class (without recitation)
- Take one from**
 - PSY 118 Adolescent Psychology
 - PSY 120 Child and Adolescent Development
- PSY 211 Learning Disabilities
- SPLED 230 Introduction to Special Education

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

Some certification areas require additional pedagogy courses for certification: i.e., MLS 338, ARTH 310, MUS 340, MUS 341, BIO 000, CHEM 000, and PHYS 000. Please consult with your major and Education advisor to ensure you take the necessary coursework.

****Students who do not pass, or submit proof of exemption from, the PDE required tests of basic skills by the start of their junior year will not be permitted to continue in the Education Program.**

****Act 55 of 2022 signed into law by Governor Wolf on July 8, 2022, requires the Secretary of Education to waive the requirement to satisfactorily complete the assessment of basic skills required under section 1207.3 and 22 Pa. Code § 49.18(c) (relating to assessment) for 3 years from July 8, 2022 through July 8, 2025. This applies to all students who enter preparation programs during this period as well as otherwise qualified candidates for licensure who make application during this period.**

Modern Language Studies: French, German, Spanish (PK-12)

Students seeking certification in Modern Language Studies (French, German or Spanish) should, as soon as possible, consult with the education department faculty and make their intentions known to their major department advisor so all requirements can be met before the Professional Student Teaching Semester. Please work closely with your major advisor and your Education advisor to ensure that all required courses in both areas are completed.

Course Requirements: Successful completion of a major in one of the modern languages:

French majors who wish to be certified for teaching must complete the major with at least a 3.00 GPA; pass FRN 311, 418, and MLS 338 (the latter two courses with a grade of B or better); and successfully complete at least 8 credits in French during a minimum of one semester of study abroad in a French-speaking country.

German majors who wish to be certified for teaching must complete the major with at least a 3.00 GPA; pass GERM 311, 418, and MLS 338 (the latter two courses with a grade of B or better); and successfully complete at least 8 credits in German during a minimum of one semester of study abroad in a German-speaking country.

Spanish majors who wish to be certified for teaching must complete the major with at least a 3.00 GPA; pass SPAN 311; 418; and MLS 338 (the latter two with a grade of B or better); and successfully complete at least 8 credits in Spanish during a minimum of one semester of study abroad in a Spanish-speaking country.

- English Composition
- English Literature
- Math – 6 credits: 1. _____ 2. _____
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC/SPLED 338I Literacy in the Content Areas (**spring only**)
- EDUC 339W Methods of Teaching Middle and Secondary Students (**fall only**)
- EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching **\$500 lab fee**)
- MLS 338 Second Language Acquisition and Pedagogy – grade of B or better is required
- PSY 110 Introductory Psychology
- Take one from**
 - PSY 118 Adolescent Psychology
 - PSY 120 Child and Adolescent Development
- Take one from**
 - PSY 211 Learning Disabilities (offered **spring 2024**)
 - SPLED 352 Advanced Topics in Learning and Behavior in General and Special Education Settings,
Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the T/Th class (without recitation)
- SPLED 230 Introduction to Special Education

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

Some certification areas require additional pedagogy courses for certification: i.e., MLS 338, ARTH 310, MUS 340, MUS 341, BIO 000, CHEM 000, and PHYS 000. Please consult with your major and Education advisor to ensure you take the necessary coursework.

**Students who do not pass, or submit proof of exemption from, the PDE required tests of basic skills by the start of their junior year will not be permitted to continue in the Education Program.

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MUSIC (PK-12)

Students seeking certification in Music should, as soon as possible, consult with the Education department faculty and make their intentions known to their Music Department advisor so all requirements can be met before the Professional Student Teaching Semester. Please work closely with your Music advisor and your Education advisor to ensure that all required courses in both areas are completed.

Course Requirements:

Successful completion of a major in Music. For students specifically seeking certification Music PK-12 this must include the following MUSIC courses:

- MUS 261 Brass Methods (1cr.)
 - MUS 262 Percussion Methods (1cr.)
 - MUS 263 String Methods I (1cr.)
 - MUS 264 String Methods II (1cr.)
 - MUS 265 Vocal Methods (1cr.)
 - MUS 266 Woodwind Methods I (1cr.)
 - MUS 267 Woodwind Methods II (1cr.)
 - MUS 337 Conducting
 - MUS 340 Teaching Music in the Elementary School (junior year)
 - MUS 341 Teaching Music in Secondary Schools (junior year)
 - Passing the piano proficiency examination
-
- English Composition
 - English Literature
 - Math – 6 credits: 1. _____ 2. _____
 - EDUC 215 Orientation to the Teaching Profession (2 cr)
 - EDUC 225 Teaching the English Learner (2 cr)
 - EDUC/SPLED 338I Literacy in the Content Areas (**spring only**)
 - EDUC 339W Methods of Teaching Middle and Secondary Students (**fall only**)
 - EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching **\$500 lab fee**)
 - PSY 110 Introductory Psychology
 - Take one from**
 - PSY 118 Adolescent Psychology
 - PSY 120 Child and Adolescent Development
 - Take one from**
 - PSY 211 Learning Disabilities (offered Spring 2024)
 - SPLED 352 Advanced Topics in Learning and Behavior in General and Special Education Settings,
Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the T/Th class (without recitation)
 - SPLED 230 Introduction to Special Education

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

Some certification areas require additional pedagogy courses for certification: i.e., MLS 338, ARTH 310, MUS 340, MUS 341, BIO 000, CHEM 000, and PHYS 000. Please consult with your major and Education advisor to ensure you take the necessary coursework.

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Course Requirements

By

Certification Area

Secondary Education 7 -12

Lycoming College offers PDE Certification in all the areas listed hereafter. Students seeking certification in a specific area of secondary education are expected to choose their academic major in that area. With careful planning, dual certification in both a secondary specialty and/or in elementary education or special education is possible or in two secondary specialties. Please work closely with your major advisor and your Education advisor to ensure that all required courses in both programs are completed.

Science Seminars – for those seeking secondary certification in Biology, Chemistry, and Physics, special seminars will be offered by the individual science departments. These seminars will be devoted to specific concerns (lab safety, setups and materials, etc.) to secondary science teachers.

Suggested Course Sequence for Secondary (7 – 12)

Fall Term Student Teaching Plan

Year	Fall	Spring
Freshman	PSY 110	English Comp/FYS
	English Comp/FYS	EDUC 215 and 225 (2 cr each)*
Sophomore	SPLED 230	PSY 118 or PSY 120
Junior	EDUC 339	EDUC/SPLED 338
		EDUC 348 – non-credit <i>\$500 lab fee</i>
		PSY 211 or EDUC/SPLED 352
Senior	EDUC 461	
	EDUC 462	
	EDUC 465	
	SPLED 447	

Spring Term Student Teaching Plan

Year	Fall	Spring
Freshman	PSY 110	English Comp/FYS
	English Comp/FYS	EDUC 215 and 225 (2 cr each)*
Sophomore	SPLED 230	PSY 118 or PSY 120
Junior		EDUC/SPLED 338
	EDUC 339	PSY 211 or EDUC/SPLED 352
Senior		EDUC 461
	EDUC 348 – non-credit <i>\$500 lab fee</i>	EDUC 462
		EDUC 465
		SPLED 447

All teacher candidates are required by PDE to take 6 credits in English Comp and English Literature, as well as 6 credits in Math.

Some certification areas require additional pedagogy courses for certification: i.e., MLS 338, ARTH 310, MUS 340, MUS 341, BIO 000, CHEM 000, and PHYS 000. Please consult with your major and Education advisor to ensure you take the necessary coursework.

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BIOLOGY (7-12)

Students seeking certification to teach in Biology should, as early as possible, consult with the Education department faculty and make their intentions known to their Biology Department advisor so all requirements can be met before the Professional Student Teaching Semester. Please work closely with your Biology advisor and your Education advisor to ensure that all required courses in both areas are completed.

Course requirements:

Successful completion of the Comprehensive Track within the Biology major – see college catalog for specific requirements for a BA or BS in Biology.

***It is highly recommended that candidates for education certification pursue the BA degree in biology, rather than the BS. The BA allows for greater flexibility with respect to scheduling coursework from both biology and education.**

- BIO 000 Seminar in Biological Education - (0 cr) (sophomore or junior year).
- English Composition
- English Literature
- Math – 6 credits: 1. _____ 2. _____
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC/SPLED 338I Literacy in the Content Areas (**spring only**)
- EDUC 339W Methods of Teaching Middle and Secondary Students (**fall only**)
- EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching **\$500 lab fee**)
- PSY 110 Introductory Psychology
- Take one from**
 - PSY 118 Adolescent Psychology
 - PSY 120 Child and Adolescent Development
- Take one from**
 - PSY 211 Learning Disabilities (offered **spring 2024**)
 - SPLED 352 Advanced Topics in Learning and Behavior in General and Special Education Settings,
Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the T/Th class (without recitation)
- SPLED 230 Introduction to Special Education

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

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CHEMISTRY (7-12)

Students seeking certification to teach in chemistry should, as early as possible, consult with the education department faculty and make their intentions known to their chemistry department advisor so all requirements can be met before the Professional Student Teaching Semester. Please work closely with your chemistry advisor and your education advisor to ensure that all required courses in both areas are completed.

Course requirements:

Successful completion of a major in Chemistry – see college catalog for specific requirements for a BA* or BS in Chemistry including the appropriate science seminar.

***It is highly recommended that candidates for education certification pursue the BA degree in chemistry, rather than the BS. The BA allows for greater flexibility with respect to scheduling coursework from both chemistry and education**

- CHEM 000 Laboratory Teaching Methods – (0 cr) (sophomore or junior year)
- English Composition
- English Literature
- Math 128 Calculus/Analytic Geometry I
- Math 129 Calculus/Analytic Geometry II
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC/SPLED 338I Literacy in the Content Areas (**spring only**)
- EDUC 339W Methods of Teaching Middle and Secondary Students (**fall only**)
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- PSY 110 Introductory Psychology
- Take one from**
 - PSY 118 Adolescent Psychology
 - PSY 120 Child and Adolescent Development
- Take one from**
 - PSY 211 Learning Disabilities (offered **spring 2024**)
 - SPLED 352 Advanced Topics in Learning and Behavior in General and Special Education Settings, **Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the T/Th class (without recitation)**
- SPLED 230 Introduction to Special Education

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

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ENGLISH (7-12)

Students seeking certification to teach in English should, as soon as possible, consult with the education department faculty and make their intentions known to their English department advisor so all requirements can be met before the Professional Student Teaching Semester. Please work closely with your English advisor and your education advisor to ensure that all required courses in both areas are completed.

Course Requirements:

Successful completion of a major in English – see college catalog for specific English department course requirements listed under either **Literature (ENGL)** or **Creative Writing (CRWR)**.

- English Composition subsumed by requirements for the English major
- English Literature subsumed by requirements for the English major
- Math – 6 credits: 1. _____ 2. _____
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching **\$500 lab fee**)
- EDUC/SPLED 338I Literacy in the Content Areas (**spring only**)
- EDUC 339W Methods of Teaching Middle and Secondary Students (**fall only**)
- PSY 110 Introductory Psychology
- Take one from**
 - PSY 118 Adolescent Psychology
 - PSY 120 Child and Adolescent Development
- Take one from**
 - PSY 211 Learning Disabilities (offered **spring 2024**)
 - SPLED 352 Advanced Topics in Learning and Behavior in General and Special Education Settings, **Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the T/Th class (without recitation)**
- SPLED 230 Introduction to Special Education

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

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MATHEMATICS (7-12)

Students seeking certification to teach mathematics should, as soon as possible, consult with the education department faculty and make their intentions known to their math department advisor, so that all requirements can be met before the Professional Student Teaching Semester. Please work closely with your math advisor and your education advisor to ensure that all required courses in both areas are completed.

Course Requirements:

Successful completion of 6 credits in English (three in composition, three in literature) and six credits in mathematics.

Note: The requirements for the mathematics major subsume the six required mathematics credits.

Successful completion of a major in mathematics – See catalog for specific requirements.

Successful completion of Math 230 Geometry and Statistics for Teachers, offered alternate years.

- English Composition
- English Literature
- Math – 6 credits subsumed by requirements for the mathematics major
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC/SPLED 338I Literacy in the Content Areas (**spring only**)
- EDUC 339W Methods of Teaching Middle and Secondary Students (**fall only**)
- EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching **\$500 lab fee**)
- PSY 110 Introductory Psychology
- Take one from**
 - PSY 118 Adolescent Psychology
 - PSY 120 Child and Adolescent Development
- Take one from**
 - PSY 211 Learning Disabilities (offered **spring 2024**)
 - SPLED 352 Advanced Topics in Learning and Behavior in General and Special Education Settings, **Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the T/Th class (without recitation)**
- SPLED 230 Introduction to Special Education

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

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PHYSICS (7-12)

Students seeking certification to teach physics should, as soon as possible, consult the education department faculty and make their intentions known to their physics department advisor so all requirements can be met before the Professional Student Teaching Semester. Please work closely with your physics advisor and your education advisor to ensure that all required courses in both areas are completed.

Course Requirements:

Successful completion of a major in physics – see college catalog for specific requirements including the appropriate Science Seminar.

- PHYS 000 Seminar in Physics Education (0 cr)
- English Composition
- English Literature
- Math – 6 credits: 1. _____ 2. _____
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC/SPLED 338I Literacy in the Content Areas (**spring only**)
- EDUC 339W Methods of Teaching Middle and Secondary Students (**fall only**)
- EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching **\$500 lab fee**)
- PSY 110 Introductory Psychology
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- Take one from**
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- SPLED 230 Introduction to Special Education PSY 211

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

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SOCIAL STUDIES (7-12)

Students seeking certification to teach under the Social Studies certification should, as soon as possible, consult with the education department faculty and make their intentions known to their major department advisor so all requirements can be met before the Professional Student Teaching Semester. Please work closely with your major advisor and your education advisor to ensure that all required courses in both areas are completed.

Course Requirements: Students must complete a major in one of the following areas according to the requirements established by Lycoming College and the academic departments. **History; Psychology; International Studies; Philosophy; Political Science; Sociology/Anthropology; Economics.**

In addition to the required courses for the chosen major, the following courses are also required:

Take one from: ANTH 101, 102, 103, or SOC 110

ECON 110	Principles of Macroeconomics
HIST 115	Western Civilization I
HIST 116	Western Civilization II
HIST 125	United States History to 1877 (or one from HIST 126, 402, 404, or PSCI 110)
HIST 200	Energy, Security, and Global Competition (or one from HIST 221, 244, or PSCI 140)
HIST 324	Early American Law and Society (or one from HIST 125, 126, 338, 402, 404, or PSCI 211)

- English Composition
- English Literature
- Math – 6 credits: 1. _____ 2. _____
- EDUC 215 Orientation to the Teaching Profession (2 cr)
- EDUC 225 Teaching the English Learner (2 cr)
- EDUC/SPLED 338I Literacy in the Content Areas (**spring only**)
- EDUC 339W Methods of Teaching Middle and Secondary Students (**fall only**)
- EDUC 348 Pre-Student Teaching Practicum (0 cr) (semester prior to student teaching **\$500 lab fee**)
- PSY 110 Introductory Psychology
- Take one from**
 - PSY 118 Adolescent Psychology
 - PSY 120 Child and Adolescent Development
- Take one from**
 - PSY 211 Learning Disabilities (offered **spring 2024**)
 - SPLED 352 Advanced Topics in Learning and Behavior in General and Special Education Settings, **Only students seeking dual certification are required to take the recitation part of EDUC 352; all other certification areas take the T/Th class (without recitation)**
- SPLED 230 Introduction to Special Education

Professional Semester: (16 credits)

- EDUC 461 Methods of Classroom Management (1 cr)
- EDUC 462 Principles and Applications of PK-12 Assessment (1 cr)
- EDUC 465 Professional Semester of Student Teaching (8 cr)
- SPLED 447 Professional Development for the Inclusive Setting (6 cr)

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NOTES