

PRELIMINARY TEACHING CREDENTIAL - UNDERGRADUATE PROGRAM

SINGLE SUBJECT: PHYSICS

EARN A CREDENTIAL TO TEACH PHYSICS

Physics majors can take education courses as undergraduates to earn a California teaching credential. You will be prepared to teach PreK-12 students, typically in middle or high school. You must apply with the School of Education but can enroll in EDUG 331: Child Development and EDUG 401: Educational Foundations before the School of Education admission process.

→ [APPLY HERE](#)

→ [TALK TO AN ADMISSIONS COUNSELOR](#)

MAJOR & EDUCATION COURSEWORK OVERVIEW

Physics Major

PHYS 231 PHYS 232 PHYS 233 PHYS 310 PHYS 349
 Choose two: PHYS 331 or 332 or 341 or 344 PHYS 391 PHYS 491
 MATH 121 MATH 122 MATH 221 MATH 235

*Complete two of the four courses listed.

HIST 121 or POLI 111** ** Not a major requirement, recommended to meet US Constitution credential requirement.

Education Coursework

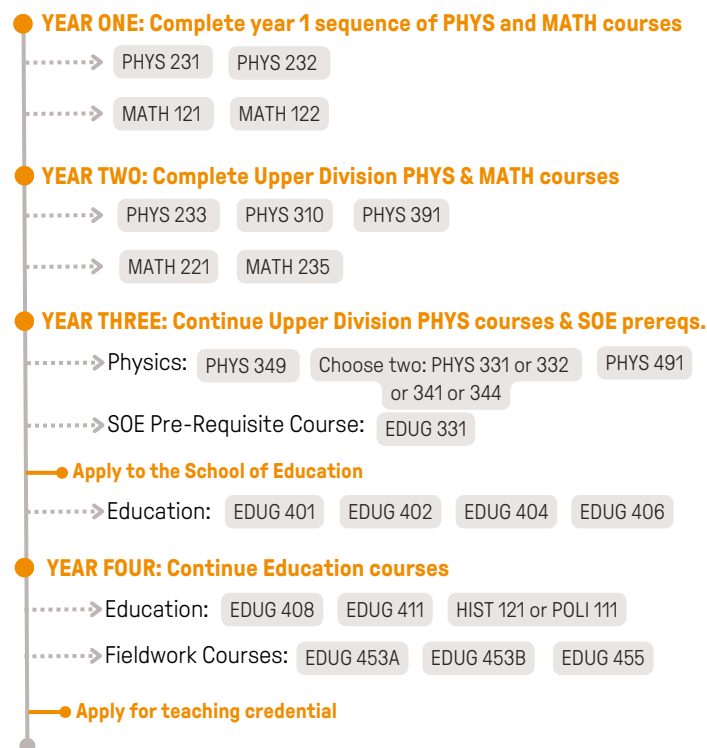
Must be completed prior to fieldwork
 EDUG 331 EDUG 401 EDUG 402 EDUG 404
 EDUG 406 EDUG 408 EDUG 411

Education, Student Teaching**

EDUG 453A EDUG 453B EDUG 455
 ** Internship is only available for master's degree students

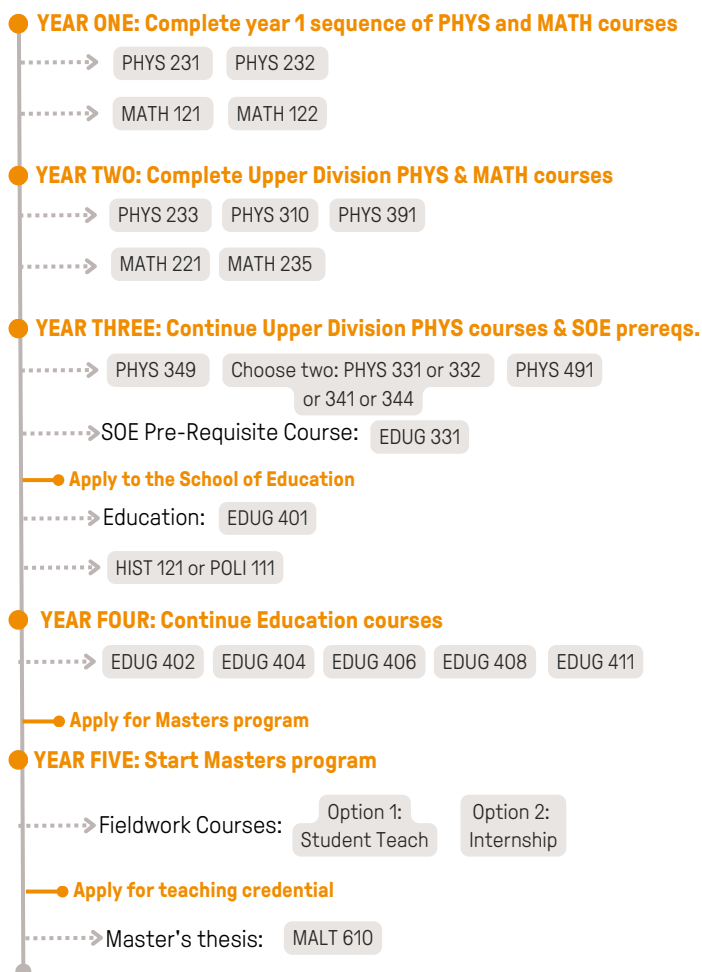
4 YEAR PATHWAY

Physics majors can complete their bachelor degree and earn a California teaching credential in 4 years. This is an example pathway that your advisor can help you plan.



4 YEAR + 1 YEAR MASTERS DEGREE PATHWAY

Physics majors can complete up to 18 credit hours of degree work toward a Master of Arts in Education, Learning and Teaching. This is an example of earning a Bachelor's degree, Master's degree, and California Teaching Credential in 5 years. With this pathway, clinical fieldwork must be completed at the graduate level.



→ [LEARN MORE ABOUT THE MASTERS PROGRAM](#)

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EDUCATION COURSE OFFERINGS

	EDUG 331*	EDUG 401*	EDUG 402	EDUG 404	EDUG 406	EDUG 408	EDUG 411	EDUG 453A	EDUG 453B	EDUG 455
Fall: Day Course	X	X	X		X		X	7a	7b	
Fall: Night Course		X**	7a**	7b**	7a	7b	X			X
Spring: Day Course	X	X		X		X	X	7a	7b	
Spring: Night Course		X**	7a**	7b**	7a	7b	X			X
May Term			X	X						

Admissions Requirement and prerequisite for all other EDUG courses

Prerequisite for all other EDUG courses

Must be completed prior to fieldwork.

Fieldwork

- Courses marked with an X are 14 weeks long.
- 7a courses take place during the first 7 weeks of the semester.
- 7b course take place during the last 7 weeks of the semester.

- *course can be taken prior to admissions to the School of Education
- **EDUG 401, 402, and 404 night courses are offered in a hybrid format.

FORMAT

- Night courses meet twice per week.
- EDUG 401, 402, and 404 night courses are offered in a hybrid format. Courses meet in-person for the first session and synchronously online for the second session of the week.
- All daytime EDUG courses will remain 100% in-person.

ADVISING

- Faculty advisors support Physics majors on the pathway to earn a bachelor's degree.
- The School of Education's Office of Student Success provides a variety of [advising services](#) to support Physics majors with education courses, fieldwork, and credential requirements.

CLINICAL FIELDWORK

- Teacher candidates will have a clinical fieldwork experience where they experience solo-teaching. Undergraduates will complete student teaching. Master's degree students have the option to student teach, or teaching internship.
- [Learn more about the clinical fieldwork options.](#)

PRELIMINARY CREDENTIAL REQUIREMENTS

- [Subject Matter Competency](#): Will be met through Bachelor's degree in Physics.
- [US Constitution Requirement](#): Can be met by taking POLI 111: Intro to American Politics or HIST 121: American History to 1877.
- [CPR Certificate](#): Must be completed to apply for clinical fieldwork.
- [CalTPA Cycle 1 and 2](#): Must be met for Preliminary Credential recommendation. Will be completed during student teaching or internship.