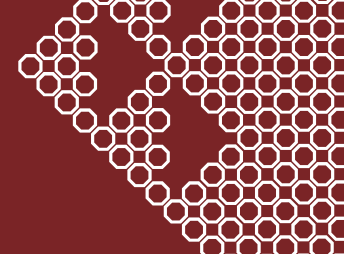


SINGLE SUBJECT: MATHEMATICS



EARN A CREDENTIAL TO TEACH MATHEMATICS

Mathematics 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 (SOE) admission process.

→ [APPLY HERE](#)

→ [TALK TO AN ADMISSIONS COUNSELOR](#)

888-999-9844

MAJOR & EDUCATION COURSEWORK OVERVIEW

Mathematics Major

MATH 121	MATH 122	MATH 221	MATH 241	MATH 245
MATH 251	MATH 311	MATH 321	MATH 341	MATH 459
MATH 201 or 204 or 205*		CS 110		

*Complete one of the three courses listed.

MATH 208 or 231 or 233 or 235 or 260 or 312**

**Complete one of the six courses listed.

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

4 YEAR PATHWAY

Mathematics 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.

● YEAR ONE: Complete year 1 sequence of MATHEMATICS/CS courses and SOE prereq

- MATH 121 MATH 122
- CS 110
- SOE Pre-Requisite Course: EDUG 331

● Apply to the School of Education

● YEAR TWO: Continue year 2 sequence of MATHEMATICS courses and start SOE courses

- Math: MATH 221 MATH 204* MATH 241 MATH 311
- Education: EDUG 401 EDUG 402

● YEAR THREE: Complete Upper Division MATHEMATICS courses and SOE courses

- Math: MATH 245 MATH 251 MATH 235*
- Education: EDUG 404 EDUG 406 EDUG 408

● YEAR FOUR: Continue Upper Division MATHEMATICS courses and SOE courses

- Math: MATH 321 MATH 341 MATH 459
- Education: EDUG 411 HIST 121 or POLI 111
- Fieldwork Courses: EDUG 453A EDUG 453B EDUG 455

● Apply for teaching credential

*Sample electives

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

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 + 1 YEAR MASTERS DEGREE PATHWAY

Mathematics 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.

● YEAR ONE: Complete year 1 sequence of MATHEMATICS/CS courses and SOE pre-req

- MATH 121 MATH 122
- CS 110
- SOE Pre-Requisite Course: EDUG 331

● Apply to the School of Education

● YEAR TWO: Continue year 2 sequence of MATHEMATICS courses and start SOE courses

- Math: MATH 221 MATH 204* MATH 241 MATH 311
- Education: EDUG 401 EDUG 402

● YEAR THREE: Complete Upper Division MATHEMATICS courses and SOE courses

- Math: MATH 245 MATH 251 MATH 235*
- Education: EDUG 404 EDUG 406
- HIST 121 or POLI 111

● YEAR FOUR: Continue Upper Division MATHEMATICS courses and SOE courses

- Math: MATH 321 MATH 341 MATH 459
- Education: EDUG 408 EDUG 411

● Apply for Masters program

● YEAR FIVE: Start Masters program

- Fieldwork Courses: Option 1: Student Teach Option 2: Internship

● Apply for teaching credential

- Master's thesis: MALT 610

*Sample electives

PRELIMINARY TEACHING CREDENTIAL - UNDERGRADUATE PROGRAM

SINGLE SUBJECT: MATHEMATICS

EDUCATION COURSE OFFERINGS

Admissions Requirement
and prerequisite for all
other EDUG courses

Prerequisite for
all other EDUG
courses

Must be completed prior to fieldwork.

Fieldwork

	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						

- Courses marked with an X are 14 weeks long.
- 7a hybrid courses take place during the first 7 weeks of the semester.
- 7b hybrid courses 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 Mathematics majors on the pathway to earn a bachelor's degree.
- A variety of [advising services](#) are available to support Mathematics 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 Math.
- 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.