

Single Subject Credential

(Authorization to teach up to five years in a high school and middle school mathematics classroom)

Subject Matter Competency Program in Mathematics (59-60 units)

- Can be taken at any time before final student teaching (EHD155B), allow at least 2 years.
- GPA: at least 2.67 overall GPA or at least 2.75 in last 60 units.
- This new program is proposed to the California Commission of Teacher Credential (CCTC) and subject to approval (old subject matter program will expire in June 2009).
- Passing all three parts of the CSET Exam (I, II, & III) waive this program.

Core Courses 38 units

Prerequisites

4	Math 75	Calculus I	(precalculus)
4	Math 76	Calculus II	(75)
4	Math 101	Statistical Methods	(70 or 71 or 75)
3	Math 111	Transition to Advanced mathematics	(76)
4	Math 116	Theory of Numbers	(111)
4	Math 143	History of Mathematics	(72 or 75)
4	Math 149	Capstone Mathematics for Teachers	(151,161,171 –one can be taken concurrently)
4	Math 151	Abstract Algebra	(111)
4	Math 152	Linear Algebra	(77)
3	Math 161	Principles of Geometry	(111)

AND

Breadth courses 21 -22 units

4	Math 77	Calculus III	(76)
3	Math 145	Problem Solving	(111, EHD50 concurrent)
4	Math 171	Analysis I	(111)
4	Csci 40	Introduction to programming	(5)
3	Physics4A	Elementary Physics	(75, 76)

AND ONE of the following*:

3	Math 81	Applied Analysis	(77)
3	Math 114	Discrete Structures	(111)
3	Math 128	Applied Complex Analysis	(77)
3	Math 165	Differential Geometry	(77 and 111)
4	Math 172	Intermediate Mathematical Analysis II	(77 and 171)
3	Math 181	Differential Equations	(81)

* Math majors should choose the appropriate classes (math 128 or 165 or 172) to fulfill the major requirement.

Above information is subject to change. For updates and additional program information, please contact one of the following Credential Advisors at the Department of Mathematics:

Dr. Agnes Tuska (559) 278-2512 agnest@csufesno.edu PB 351	Dr. Rajee Amarasinghe (559) 278-3146 ramarasi@csufresno.edu PB 332	Dr. Lance Burger (559) 278-4906 lburger@csufresno.edu PB 353
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Academic Admission Requirements

1. CBEST
2. GPA: at least 2.67 overall GPA or at least 2.75 in last 60 units
3. EHD50 Introduction to Teaching 2 units

Requirements for Receiving a Preliminary Single Subject Credential

Education Core Courses - 33 units (allow one year)

- Cannot be taken until accepted to credential program
- Needs GPA of 3.0 in these courses, prerequisites can be concurrent with course

Units	Course	Title	Prerequisites
3	CI 151	Social Foundations of Education	
3	CI 152	Psychological Foundations of Education	
3	CI 159	Curriculum and Instruction	CI 152 or concurrent
4	EHD155A	Student Teaching in Secondary Schools	CI 151, 152, 159
2	SPED 121	Teaching Students with Special Needs in the General Education Setting	EHD 155A concurrent only
3	CI 161	Methods and Materials in Secondary Teaching	CI 151,152,159
5	LEE 154	Content Area Language and Literacy for Secondary Learners	EHD 155A
10	EHD155B	Student Teaching in Secondary Schools	CI161 or concurrent

(Interns register for two 5-unit of 155B per semesters for two semesters)

Internship Program- 33 units

(Earns a preliminary Teaching Credential)

Prerequisites

Units	Course	Title
3	CI 151	Social Foundations of Education
3	CI 152	Psychological Foundations of Education
3	CI 159	Curriculum and Instruction
4	EHD 155A	Student Teaching in Secondary Schools
2	SPED 121	Teaching Students with Special Needs in the General Education Setting

Semester I

3	CI 161	Methods and Materials in Secondary Teaching
5	EHD 155B	Student Teaching in Secondary Schools

Semester II

5	LEE 154	Content Area Language and Literacy for Secondary Learners
5	EHD 155B	Student Teaching in Secondary Schools

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