Mathematics (5–12) Teaching Licensure Program

Education Major Requirements

A. Core course requirements (4.5 credits total):

- 231   Understanding Substance Abuse (0 credit, Fall & Spring, evenings)
  - May be taken any time during the licensure sequence

- 290   Educational Psychology (1 credit, HBS, Fall & Spring)
  - Recommended to be taken sophomore year to begin the licensure sequence

- 330   Principles of Education, K–12 (1 credit, ORC, Fall & Spring)
  - Prerequisite: EDUC 290
  - Typically taken junior year
  - Must take EDUC 291 Educational Technology (0 credit) concurrently

- 350   Teaching of Mathematics, 5–12 (1 credit, Spring only)
  - Prerequisite: EDUC 330
  - Must be taken the year immediately prior to student-teaching

- 272   Counseling and Communication in Schools (0.5 credit, Fall & Spring)
  - Prerequisite: EDUC 290
  - Recommended junior year, but may be taken sophomore year

- 374   Reading in the Content Area (0.5 credit, Fall & Spring)
  - Prerequisite: EDUC 330

- 375   Differentiated Instruction for Exceptional Learners (0.5 credit, Fall & Spring)
  - Prerequisite: EDUC 290
  - Recommended junior year; sophomores must petition to take the course

B. One of the following *Interim* courses must be taken:

- 378   Muticultural Education in Hawaii: Seminar and Practicum (1 credit, MCD)
  - Prerequisite: EDUC 330
  - Offered every other Interim (in even years—e.g., January 2014)
  - Applications are due in the spring of the prior year

- 379   Urban Education Practicum and Seminar (1 credit, MCD)
  - Prerequisite: EDUC 330
  - Applications are due by October 15th

C. Student teaching semester either during the senior year (Fall/Spring) or 9th semester.

Mathematics Major Requirements

(**Note:** Unless specified otherwise, courses listed below are offered in fall and spring semesters.)

- 126   Calculus II (may be satisfied with Math 128)
- 220   Elementary Linear Algebra
- 244   Real Analysis I (WRI)
- 252   Abstract Algebra I (WRI)
- 262   Probability Theory
- 356   Geometry (Interim only)
- Stat 212   Statistics for the Sciences (may be satisfied with Stat 214)

To complete the mathematics major, you'll also need to take (a) one more 300-level course and (b) one more elective at 200-level or above. For more details about the mathematics major, see the Individualized Mathematics Proposal (IMaP) document.