

UNIVERSITY OF CALIFORNIA, RIVERSIDE

SUBJECT MATTER PREPARATION PROGRAM (SMPP) for MATHEMATICS:

No students may enter into SMPP if they were admitted to UCR after Spring 2005. All candidates must complete SMPP by Spring 2009 or before approval of new SMPP.

Students who successfully complete SMPP are waived from the state required subject matter proficiency examination for mathematics - the CSET Exam (*California Subject Examinations for Teachers*). You must receive a C- grade or better in any courses of the Mathematics Subject Preparation Program.

REQUIRED COURSES

Mathematics 9A-9B-9C First Year Calculus

Mathematics 10A-10B Calculus of Several Variables

Mathematics 46 Introduction to Ordinary Differential Equations

Mathematics 11 Introduction to Discrete Mathematics (formerly known as Math 112)

Mathematics 131 Linear Algebra I

Mathematics 133 Geometry

Mathematics 136 Introduction to the Theory of Numbers

Mathematics 144 Introduction to Set Theory

Mathematics 153 History of Mathematics

Mathematics 171 Introduction to Modern Algebra

Education/Math 104 Mathematics Education (successful completion of portfolio mandated)
(formerly known as Education 141)

Statistics 155 Probability & Statistics for Science & Engineering

PLUS THREE COURSES FROM THE FOLLOWING LIST:

Mathematics 132 Linear Algebra II

Mathematics 138A Introduction to Differential Geometry

Mathematics 145A Introduction to Topology

Mathematics 149A-149B-149C Probability and Mathematical Statistics

Mathematics 151 A-151B-151C Advanced Calculus

Chemistry 1A-1B General Chemistry

Physics 2A-2B General Physics

Physics 40A-40B General Physics

Philosophy 8 Introduction to Logic

Students accepted into the Blended Program must complete SMPP program by Spring 2010 or before approval of new SMPP.