

PAUL QUINN

LIBERAL ARTS: MATHEMATICS - PATH TO TEACHER CERTIFICATION

The B.A. in Liberal Arts: Mathematics with a Path to Teacher Certification at Paul Quinn College

The aim of the education program at PQ is to recruit and retain talented teacher candidates dedicated to becoming certified, highly qualified educators in urban environments. We continuously integrate state and national teacher educator standards into the program design, learning outcomes and assessment. In addition to the General Education Core Curriculum for Liberal Arts – Mathematics (63 hours), students pursuing a mathematics concentration and Teacher Certification will need to complete the following classes:

General Education Core Curriculum for Liberal Arts Mathematics (63 hours)

PHYS 1411 General Physics I
PHYS 1412 General Physics II
COMM 1311 Intro to Public Speaking
FUND 1301 Career Management OR HUMA
1315 Art Appreciation
ENGL 1301 Composition I
ENGL 1302 Composition II
ECON 2302 Principles of Microeconomics
GOVT 2206 Texas Government
GOVT 2301 American Government I
HIST 2301 US History I
HIST 2302 US History II
MATH 2310 Pre-Calculus (d)
PSYC 2301 Introduction to Psychology
BUSA 1302 Social Entrepreneurship
FINA 1101 Personal Finance
ECON 2302 Principles of Microeconomics
FUND 1303 Intro to Quinnite Servant
Leadership
MATH 2342 Basic Statistics for Math Majors
MATH 2411 Calculus I
RELI 1301 Introduction to Christian Ethics
SPAN 1301 Elementary Spanish I
SPAN 1302 Elementary Spanish II

Major Requirements (71 hours)

CHEM 1411 General Chemistry I
CHEM 1412 General Chemistry II (p)
MATH 2411 Calculus II
MATH 2305 Discrete Mathematics
MATH 2322 Linear Algebra
MATH 3322 Differential Equations
MATH 3373 Modern Algebra
MATH 4301 Numerical Analysis
MATH 2412 Calculus III (7-12) or MATH 1350
Math for Elementary Teachers I
(4-8)
MATH 1351 Math for Elementary Teachers II
(4-8) or MATH 4322 Advanced
Statistics (7-12)
EDUC 4300 Instructional Strategies III: STM
READ 3303 Reading in the Content Area
EDUC 3101 Prep for State Exam (PPR-EC-12)
EDUC 3102 Prep for State Exam (Content)
EDUC 3301 Human Development and
Learning
EDUC 3302 Technology in Teaching
EDUC 3305 Introduction to ESOL
EDUC 4310 Using Data to Modify Instruction
EDUC 4305 Classroom Management
EDUC 4602 Student Teaching in the
Secondary School
SPED 3301 Exceptional Learners or Diversity
Course

Additional requirements for graduating with any Paul Quinn degree include earning one PQCX certificate for each year a student is enrolled, formal reflection on experiential learning in the PQ Work Program, and a complete business plan. Students who complete the Liberal Arts: Mathematics – Path to Teacher Certification major go on to classroom teaching, school leadership, and graduate study.

**This outline is just a guide. The current PQC Academic Catalogue includes more details about these requirements, including additional substitution options, course descriptions, and prerequisites.*