

PAUL QUINN

LIBERAL ARTS: MATHEMATICS

The B.S. in Liberal Arts: Mathematics at Paul Quinn College

Liberal Arts at Paul Quinn College approaches the exploration and evaluation of knowledge in the traditional subjects of social science, natural science, humanities and the arts. For Paul Quinn, the concentration areas under Liberal Arts are Communications, History, Mathematics, Teacher Certification (various subjects), Political Science, and Psychology. Each concentration area shares the mission and primary objectives of the Liberal Arts which is to develop critical thinking and scientific reasoning skills, provide opportunities for student research and practice effective communication skills.

In addition to the General Education Core Curriculum for Liberal Arts (60 hours), students pursuing a concentration in Psychology 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
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 (62 hours)

CHEM 1411 General Chemistry I
CHEM 1412 General Chemistry II (p)
COSC 1421 Introduction to Comp. Science I
COSC 2311 Algorithms & Logic for Comp. Programming
MATH 2411 Calculus II
MATH 2412 Calculus III
MATH 2305 Discrete Mathematics
or MATH 3304 Analytic Geometry
MATH 2322 Linear Algebra
MATH 3322 Differential Equations
MATH 3373 Modern Algebra
MATH 4301 Numerical Analysis
MATH 4322 Advanced Statistics
FUND 4999 Mathematics Internship
FUND 4999 Mathematics Internship
Business Elective (3 hours)
Communication or English Elective (3 hours)
Humanities or Religious Studies Elective (3 hours)
Mathematics or Science Elective (3 hours)
Social Science Elective (3 hours)

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 major go on to serve in a variety of organizational contexts and roles, including analyst roles, programming, teaching, 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.*