MATHEMATICS: ACTUARIAL

In accordance with the mission of the BS degree program in Mathematics to train the Mathematics major for a career, this concentration prepares the student in the fundamentals of actuarial science and for an actuarial career in the insurance industry. The courses prescribed for the concentration give students background the first four exams (Exam P, Exam FM, Exam M, and Exam C) of the Society of Actuaries.
FIRST SEMESTER
Composition and Speech 1 .................................. 3
Analytic Geometry and Calculus 1 ...................... 4
Lifetime Wellness ......................................... 2
Foreign Language 131 ...................................... 5
Foundation for the Journey ............................... 1
Sub-total ................................................... 15

SECOND SEMESTER
English Composition and Speech 2 ....................... 3
Introduction to Discrete Methods, Analytic Geometry and Calculus 2 .............. 7
Introduction to the Bible .................................. 3
History ..................................................... 3
Sub-total ................................................... 16

THIRD SEMESTER
Linear Algebra, Calculus with Several Variables, Intro to Probability and Statistics .......... 10
Intro to Financial Accounting ............................. 3
Principles of Microeconomics ............................. 3
Introduction to the Bible .................................. 3
Sub-total ................................................... 16

FOURTH SEMESTER
Linear Programming, Differential Equations, Probability and Statistical Theory and Math 1 ...... 9
Intro/Managerial Accounting ............................. 3
Literature ................................................... 3
Principles of Macroeconomics ........................... 3
Sub-total ................................................... 18

FIFTH SEMESTER
Christian Worldview ....................................... 3
MAT 380 Couldn’t find .................................... 3
Financial Management 1 .................................. 3
University Physics 1 /Univ Physics Lab 1 ............. 4
Social Science ............................................. 3
Sub-total ................................................... 16

SIXTH SEMESTER
Advanced Calculus 1 ..................................... 3
Theory of Interest/
Models for Financial Economic* ......................... 3
University Physics 2 /Univ Physics Lab 2 ............. 4
Experiencing the Arts ..................................... 3
Elective ..................................................... 3
Sub-total ................................................... 16

SEVENTH SEMESTER
Abstract Algebra .......................................... 3
Computer Science 1 ....................................... 4
ECO 240 .................................................. 3
Business Communications .............................. 3
Elective ..................................................... 3
Sub-total ................................................... 16

EIGHTH SEMESTER
Theory of Interest/
Models for Financial Economic* ......................... 3
Senior Research in Mathematics ....................... 3
Electives ................................................... 9
Sub-total ................................................... 15

*offered altering years

Always check the current course catalog found on the Anderson University website for the most up-to-date program information.
TO APPLY FOR FINANCIAL AID, PLEASE SUBMIT THE FOLLOWING:
For consideration of federal and state funds, complete the Free Application for Federal Student Aid (FAFSA). FAFSA information is listed below. All online students receive a tuition discount, which makes them ineligible for institutional scholarships. The information below shows the various types of funds available to online students. For information visit andersonuniversity.edu/freshmen/financial-aid.

FAFSA INFORMATION
PIN website: www.pin.ed.gov
FAFSA website: http://www.fafsa.ed.gov
Anderson school code: 003418

VETERANS BENEFITS:
Anderson University is proud to partner with the U.S. Department of Veteran Affairs in assisting our military veterans in obtaining their education. Check out our Veterans Benefits flier to learn how the process works. You can also contact our VA Certifying Official at: veteranaffairs@andersonuniversity.edu or 864-231-5742.
HISTORY
Anderson University traces its origins back to 1911, when it was chartered as a four-year college for women. Public-minded citizens of Anderson, South Carolina, wanted a college to be established in the growing area since a previous institution, The Johnson Female University had closed during the Civil War. With a donation of land and money from area citizens, the South Carolina Baptist Convention agreed to partner with those who wanted an institution of higher learning in Anderson, and the school opened its doors in 1912.

What we know as Anderson University has throughout its history adapted to the educational needs of South Carolinians and those outside the State seeking a great education in a Christian environment. In 2005, the school officially became Anderson University as it added graduate programs and reorganized into colleges. The University is in the midst of the biggest period of growth in its history, having nearly doubled in enrollment over the past 7 years. Today, 2,908 students enjoy a high-quality education in some 53 fields of study. AU’s scenic campus, located in the historic district of Anderson, South Carolina, benefits from its proximity to the foothills of the Blue Ridge Mountains and the vibrant city of Greenville, South Carolina. Anderson’s campus has recently grown from its original 68 acres to more than 270 acres, including four new major building projects which have been completed within the past four years.
ANDERSON UNIVERSITY NATIONAL RECOGNITION
Anderson University has received numerous accolades and national recognition as an intentionally Christian university offering exceptional academics.

Recent recognitions include:
- Top Tier University #20 on 2014 ranking of Regional Colleges (South) - *U.S. News & World Report*
- One of “America’s 100 Best College Buys”
- One of “49 Up-and-Coming” universities to watch, for progress and innovation, for the past five years in a row - *U.S. News & World Report*
- 138 Best Southeastern Colleges - The Princeton Review
- The #2 Regional College in the South for “Excellence in Teaching” - *U.S. News & World Report*
- A Best Christian College - Institutional Research & Evaluation