Catawba College is interested in the development of the whole student, blending a liberal education with professional studies. In the Ketner School of Business, our faculty expose students to challenging material, concepts, and tasks - then, support them as they grow to find personal and professional fulfillment on a path of their choice.

**FACULTY**

Katherine Baker, Ph.D., University of North Carolina, Charlotte
Doug Brown, Ph.D., Pennsylvania State University
Jason Hunt Ph.D., Emery University
Laurel Powell, Ph.D., University of North Carolina, Charlotte
Sharon Sullivan, Ph.D., University of Kentucky
Pamela L. Thompson, Ph. D., University of North Carolina, Charlotte
John Zerger, Ph.D., Kansas State University

Mathematicians rank 3rd on the list of Best Business Jobs

Source: U.S. News & World Report, 2018

“Catawba College has challenged me intellectually since day one, and I am grateful for every chance I get to do something new. Whether I'm writing 500 lines of code for numerical analysis, developing an app, or just programming in my spare time, Catawba College has opened a world of possibilities. The small school environment has also led to various conversations and opportunities outside of the class, like being inducted into Kappa Mu Epsilon and working as a tutor at the Math Center.”

— Chase Cummins, '19
Double Major, Computer Science and Mathematics
The Department of Mathematics and Computer Science at Catawba College offers a learning environment consisting of small classes taught entirely by faculty holding a Ph.D. in their field. Thus, students are afforded close interaction with experts in their chosen field of study, from the time they arrive on campus until they graduate from the college.

MAJORS

TRADITIONAL

• B.S. IN COMPUTER SCIENCE
  Provides a solid foundation in mathematics, programming, and computer-related research in order to prepare students for graduate studies or careers in software development, networking, and other advanced areas in computing.

• B.S. IN INFORMATION SYSTEMS AND TECHNOLOGY
  Develops an understanding of the technical and organizational factors in computing with emphasis on standard and emerging technologies, in order to prepare students for careers in information systems.

• B.A. IN MATHEMATICS
  Delivers a well-rounded mathematics curriculum, preparing students for graduate studies, careers in a variety of quantitative fields, or teaching.

• B.S. IN MATHEMATICS
  Links a comprehensive mathematics curriculum with the exploration of a related subject of interest to the student.

• B.S. IN MATHEMATICAL FINANCE
  Offers mathematically strong students the skills to connect theoretical mathematics to applications in the business world of economics and finance.

MINOR

• DATA ANALYTICS
  An interdisciplinary minor for students in fields that rely on data driven research or decision-making.

• Information Systems
  A minor for students majoring in fields where information sharing and technologies are essential.

ONLINE

• B.S. IN INFORMATION TECHNOLOGY
  Provides non-traditional students with the skills necessary for careers in information systems by providing exposure to the technical and strategic factors in organizational technology.

INTERNSHIPS

Food Lion
Integro Technologies
Novant Health Systems
Fidelity Investments

FACILITIES, NEW COMPUTER SCIENCE LAB

Coding languages include:
- Tableaux
- SAS
- SPSS
- Python
- R

CAREERS

Computer Programmer
Application Engineer
Risk Analyst
Site Reliability Analyst
Information Scientist
Systems Analyst
Data Scientists
Actuary
Secondary Education, with Teacher Education requirements
FBI Special Agent
Medicare Fraud Analyst

GRADUATE SCHOOLS

Aalto University, Finland/Sweden
American University
N.C. State University
Penn State University
UNC-Charlotte
University of Warwick, Coventry, England

QUESTIONS

Dr. Doug Brown, Department Chair,
dkbrown@catawba.edu
704.637.4303

“I thoroughly enjoy being a Mathematics major and working with the phenomenal professors in the Mathematics Department. I have learned many valuable lessons from time spent with my professors both in and out of the classroom. I plan to become qualified to teach Mathematics at both the high school and college level.”

– Branden Davis ’20

Mathematics/Computer Science majors rank 5th out of the 10 College Majors with the Best Starting Salaries

Source: www.USANews.com