

HOW YOUR SCIENCE DEGREE WILL HELP YOU SUCCEED AS AN ACCOUNTANT

IN YOUR SCIENCE DEGREE, YOU LEARNED...		IN THE UNC MASTER OF ACCOUNTING PROGRAM, YOU'LL LEARN...		IN THE "REAL WORLD"...
Mathematical Methods for Quantitative Biology Introduction to quantitative biology with emphasis on applications that use mathematical modeling, linear algebra, differential equations, and computer programming. Applications may include neural networks, biomechanics, dispersion, and systems of biochemical reactions.	+	MAC 707: Advanced Spreadsheet Modeling Focuses on using advanced features of Microsoft Excel to create spreadsheet models of business problems and solve them. Topics include statistical analysis tools, organizing data for complex analysis, performing what-if analyses with data tables and scenarios, enhanced decision-making with goal seek and solver, and other advanced tools.	=	As an accountant you'll likely end up doing some modeling of different scenarios, perhaps based on predicted changes in exchange rates or interest rates, or different tax treatments. The modeling and analytical skills you developed as an undergrad and then honed in the MAC program will make you a great analyst.
Ecology and Evolution Principles governing the ecology and evolution of populations, communities, and ecosystems, including speciation, population genetics, population regulation, and community and ecosystem structure and dynamics.	+	MAC 869: Behavioral Finance The standard economic paradigm — rational agents in an efficient market — does not adequately describe behavior in financial markets. This course will apply an understanding of behavioral frictions in the markets to value investment strategies and corporate finance decision-making.	=	Understanding how groups behave and change over time is important. The behavior of investors and financial institutions can create incentives to pursue different types of financing, with different consequences for companies. As an accountant, you'll be asked to advise clients on these decisions.
Organic Chemistry Molecular structure and its determination by modern physical methods, correlation between structure and reactivity and the theoretical basis for these relationships, classification of reaction types exhibited by organic molecules as examples of biological importance.	+	MAC 841: International Tax Focuses primarily on the U.S. tax laws applicable to individuals and business investing and operating businesses abroad. Topics include jurisdiction, source of income, allocation and apportionment of deductions, foreign tax credit planning, anti-avoidance provisions, and transfer pricing.	=	Learning organic chemistry is a bit like learning a new language. So is learning tax law. Your MAC degree will give you a foundation in tax accounting, but as a tax accountant you'll constantly learn new tax law and tax accounting tactics. If you can handle organic chemistry, you will be able to keep up with the tax code.



TAKE THE NEXT STEP.

In as little as one year, and with any undergraduate major, earn a top-ranked Master of Accounting degree from the University of North Carolina. Connect what you've already learned with critical accounting skills and knowledge and prepare to step into a new career. Learn more at www.mac.unc.edu or contact us at mac_info@unc.edu or 919-962-3209.

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