

# Economics

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The graduate program in economics is a joint program of the Department of Agricultural and Resource Economics in the College of Agriculture and Life Sciences and the Department of Economics in the Poole College of Management. Emphasis is placed on economic theory and quantitative economic analysis and their application to economic problems. Master's students can choose between the terminal master's track and the PhD-prep track. In both tracks, they may further tailor their experience by choosing to concentrate in one or multiple of the four fields: financial economics; international economics; natural resource and environmental economics and applied econometrics. Students can also choose between engaging in a research project culminating in a thesis (the Master of Science in economics degree) and simply pursuing a coursework only option (the Master of Economics degree). The major fields of specialization for doctoral students are: agricultural economics, development and labor economics, econometrics, environmental/resource economics, international economics, macro-monetary economics and microeconomic theory and industrial organization.

## Admission Requirements

Minimum background for admission for Master's study includes principles of economics, calculus I and calculus II, and one semester of statistics at the 300-level (econometrics courses included). For doctoral study, prerequisites are intermediate microeconomics, intermediate macroeconomics, calculus I-III, linear algebra, and a course in mathematical statistics. GRE scores are required for doctoral applicants only.

## Master's Degree Requirements

Both the Master of Science in economics and the Master of Economics degrees require core courses in microeconomics, macroeconomics and econometrics. Each degree also carries additional elective requirements. The M.S. degree requires a thesis. Both degrees offer two tracks: a terminal master's track and a PhD-prep track. Both Master's degrees require a total of 30 credit hours. Accelerated Bachelor's/Master's degree programs are available for non-thesis options.

## Doctoral Degree Requirements

The Ph.D. program requires a minimum of 72 hours and at least six semesters of work beyond the Bachelor's degree. Students must pass written comprehensive examinations in microeconomics and macroeconomics. Course requirements include two semesters of econometrics and six field courses.

## Student Financial Support

Fellowships, research and teaching assistantships are available and are awarded competitively on a merit basis. These fellowships and assistantships go to Ph.D. students only; there is no financial support for Master's students. Prospective doctoral students who wish to be considered for fellowships and assistantships should apply for fall admission by January 1.

## Other Relevant Information

Graduate students on financial support are provided office space or study carrels. Other students may be assigned study carrels if available. All students have access to the economics graduate student computer lab.

## Degrees

- Economics (MR) (<http://catalog.ncsu.edu/graduate/management/economics/economics-mr/>)
- Economics (MS) (<http://catalog.ncsu.edu/graduate/management/economics/economics-ms/>)
- Economics (PhD) (<http://catalog.ncsu.edu/graduate/management/economics/economics-phd/>)
- Economics (Minor) (<http://catalog.ncsu.edu/graduate/management/economics/economics-minor/>)

## Faculty