The Master of Science in Agricultural and Resource Economics is open to students from a wide variety of undergraduate majors, but we do require preparation in Economics as noted below in order to be ready to take our required courses. In particular we require completion of economics through quantitative (calculus based) microeconomics and intermediate macroeconomics. In addition, we expect that the incoming student has completed at least one course each in statistics and differential calculus.

Most of our students work with an advisor on a research project. We have listed some of the current projects and the corresponding faculty below. Please look over the projects and indicate which ones you would be willing to work on. Please feel free to contact any of the faculty below.

Example of Economics background

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| Prerequisite | Code | Credits | Course Name | Course# | Grade | Semester  /Quarter | Institution | Year |
|  | Micro | 3 | Intro. to Microeconomics | ECON151 | B+ | Fall | Univ. of Delaware | 2009 |
|  | Macro | 3 | Intro. to Macroeconomics | ECON152 | A- | Spring | Univ. of Delaware | 2010 |
| Intermediate Macro | Macro | 3 | Intermediate Macroeconomic Theory | ECON302 | A | Fall | Univ. of Delaware | 2010 |
| Quantitative (Calculus-based) Micro | Micro | 3 | Quantitative Microeconomic Theory | ECON301 | A- | Spring | Univ. of Delaware | 2011 |
| Calculus | Calculus | 3 | Calculus I | MATH221 | A- | Fall | Univ. of Delaware | 2009 |
| Statistics | Stat | 3 | Basic Statistical Practice | STAT200 | A | Fall | Univ. of Delaware | 2010 |

Please put your information here.

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| Prerequisite | Code | Credits | Course Name | Course# | Grade | Semester  /Quarter | Institution | Year |
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If your school uses a system other than the 4 point (A,B,C) system, you must translate the grades using the guidelines of your school. You may also record the grade in your school's system.

If you are lacking a required class, we may still accept you. However, you will need to either complete the required courses before coming into the program or arrange with your advisor and the graduate program chair to take remedial classes upon arrival.

In order to succeed in our program, we are looking for As and Bs in these courses though early low grades may not preclude admission if subsequent courses show satisfactory performance.

**Current Research Projects**

**Food Economics, Food Safety, and Consumer Behavior.** The research assistant will be engaged in research using experimental economics techniques in the general area of food marketing, consumer behavior, marketing and behavioral economics. Research assistant will focus on consumer behavior to labeling, food risks, and media information. Research will involve adult consumers as research participants and occur in the laboratory, in the field, and in the Center for Experimental & Applied Economics. Supervising faculty: Bernard (jbernard@udel.edu), Messer (messer@udel.edu)

**The Economics of Nonpoint Source Pollution Control.** Research assistants are sought to contribute to on-going research involving the behavior leading to nonpoint source pollution and the economics of corrective policies. Topics include investigating best management practice incentives, water quality trading, reverse auctions, and input taxes. Driving this effort is the goal of collaborative efforts leading to journal article publication on topics of importance to agricultural economy and broader social welfare. Supervising faculty: Duke (duke@udel.edu)

**Land Use Economics and Policy.**  Research assistants are sought to contribute to on-going research involving land conservation and preservation. Research also involves property rights and institutions. Topics include assessing government policies, explaining incentives, and policy design. Driving this effort is the goal of collaborative efforts leading to journal article publication on topics of importance to agricultural economy and broader social welfare. Supervising faculty: Duke (duke@udel.edu)

**Application of Behavioral Economics to Agri-Environmental Policy.** Working with the project team associated with the Center for Experimental & Applied Economics, the research assistant will work on testing insights from behavioral economics on participation and outcomes related to the national agri-environmental programs. The research assistant will utilize randomized controlled trials and research will often be conducted in collaboration with state and federal programs as part of the USDA-funded national Center for Behavioral & Experimental Agri-Environmental Policy (CBEAR). Supervising faculty: Messer (messer@udel.edu)

**AFGRI-environmental Policies to Improve Water Quality.** In the United States, conservation agencies pay farmers to voluntarily adopt management practices that improve water quality and other ecosystem services. Despite billions of dollars spent annually, agricultural pollution remains a persistent problem. Working with the supervising faculty, the research assistant will design and test alternative conservation incentive programs. Research will also explore how information from water quality sensors can be used to motivate conservation actions. The research assistant will utilize experimental economics techniques in the lab. The assistant will also help communicate this research to diverse audiences by contributing to journal and newspaper articles as well as presentations. Supervising faculty: Palm-Forster (leahhp@udel.edu)

**Please list the research projects you would be interested in working on and/or willing to work on below.**

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