



COLLEGE OF BUSINESS AND ECONOMICS

Graduate Programs

- **Business Administration (M.B.A.)**
- **Accounting (M.S.)**
- **Economics (M.A., M.S. and Ph.D.)**
- **Joint Master of Arts in Economics/Master of Business Administration**

The mission of the College of Business and Economics is to foster scholarship and to offer distinctive, innovative educational opportunities related to the successful management and leadership of organizations operating in an environment of scarce resources, rapid change, global competition, and advances in technology.

The College of Business and Economics offers master's degrees in three of its disciplines, Accounting, Business Administration, and Economics, and a joint degree program in Economics and Business Administration. An Executive M.B.A. program is offered at the University's Wilmington campus and a dual degree program is offered in conjunction with Groupe ESC Grenoble, a premier French graduate school of business. Graduate students of both institutions may earn a Master's in management or a Master's in International Business (M.I.B.) at Grenoble along with an M.B.A. at the University of Delaware. The College also offers the doctoral degree in economics. All degrees are designed to offer the student a general understanding of the overall economic system and a variety of decision units within that system.

The objective of the M.S. in Accounting program is to extend the education of qualified students into advanced study in each of the major areas of the field of accounting (financial, managerial, information systems, auditing, and taxation), as well as in the supporting fields of finance and quantitative methods. In taking students beyond the level of study offered by an undergraduate program in accounting, the M.S. provides additional preparation for careers in public accounting, industry, and government and establishes a foundation for further study at the Ph.D. level in preparation for an academic career.

The M.B.A. program provides a highly select group of students with a relevant, advanced business education. Coursework integrates the functional areas of business, preparing graduates for positions of greater responsibility in corporations, small businesses, consulting firms, government, or non-profit organizations. All students are exposed to issues of leadership, teamwork, technology, globalization and ethics, as well as the basic analytical skills required of every business leader. Students have the option of choosing areas of con-

centration. Small class sizes and intense interaction among students of diverse backgrounds and experience are hallmarks of the program. The Executive M.B.A. program provides an intensive and accelerated format for individuals with a record of successful professional experience.

The M.S. in Economics is focused on the growing application of analytical techniques and economic research in government and private industry; it is primarily oriented toward students pursuing a career in applied economics as well as providing an excellent foundation for further work in a Ph.D. program. An M.A. option in economics is also available. The Ph.D. in Economics builds upon the M.S. degree. This program develops quantitative skills required to conduct applied economic research. This program prepares graduates for careers in the public and private sectors as well as academics.

The College also participates in the Operations Research Program. A description of that program can be found under Agriculture and Natural Resources. For more information, please see <http://www.be.udel.edu>

M.B.A. PROGRAM

Telephone: (302) 831-2221 e-mail: MBAPROGRAM@udel.edu
<http://www.MBA.udel.edu>

The M.B.A. program is accredited by the AACSB – International Association for Management Education. Students may pursue either a full-time or part-time course of study. In some cases, part-time students with an undergraduate degree in business administration may complete the program with less than the 48 credits required of students with no prior academic background in business administration.

REQUIREMENTS FOR ADMISSION

Admission to the M.B.A. program is highly selective and is based upon a combination of prior academic grades, Graduate Management

Admissions Test (GMAT) scores, letters of recommendation and, in most cases, an on-campus or telephone interview. Refer to the Admissions Information chapter in this catalog. Two letters of recommendation should be sent to the Office of Graduate Studies. For the Executive M.B.A. program, one of these letters must be from the applicant's direct manager. Executive M.B.A. applicants must also have a minimum of five years of professional experience. Students in the Full-time and Executive M.B.A. programs are admitted for initial enrollment only in the Fall (September); Part-time students may be admitted for initial enrollment in Fall (September) or Spring (February) and admission decisions are made on a rolling basis throughout the year. However, to expedite consideration for admission, candidates are encouraged to complete their application by the following dates:

- Feb. 1 for full-time applicants seeking financial aid
- May 1 final deadline for applicants seeking enrollment in Fall (in all M.B.A. programs)
- Nov. 1 for part-time applicants seeking enrollment in Spring

Candidates for admission need not have majored in any specific undergraduate field; however, students entering the M.B.A. program are assumed to possess basic skills in written and oral communication, mathematics (normally one year at the college level) and computer usage (word processing and spreadsheets). Students deficient in any of these areas are encouraged to enroll in appropriate credit and non-credit courses.

REQUIREMENTS FOR THE DEGREE

Candidates for the M.B.A. degree must complete 48 credit hours, divided into core courses (18 hours), other required courses (18 hours) and elective courses (12 hours). Waiver of courses is not given in the full-time program. Full-time students can normally complete the highly structured program in two years. Part-time students normally take from three to four years to earn their degrees. Executive M.B.A. students earn their degrees in 19 months in a highly-structured format. Executive M.B.A. electives are selected by class vote.

Core Courses (18 hours):

ECON 552: Macroeconomics for Managers
 ACCT 800: Financial Reporting and Analysis
 FINC 850: Financial Management
 BUAD 831: Design and Management of Operations
 BUAD 870: Organizational Behavior and Administration
 BUAD 880: Competitive Marketing Strategy

Part-time students may waive up to 12 of the 18 above required credit hours. Students may waive a core course if they completed two applicable courses in that area at the undergraduate level at an AACSB-accredited institution, during the last five years, with grades of B or better. Where appropriate, additional elective coursework may be substituted for the remaining 6 required hours.

Other Required Courses (18 hours):

BUAD 810: Titans, Teams and Technology
 BUAD 820: Data Analysis and Quality Control
 ECON 551: Managerial Economics
 ACCT 801: Management Control Systems
 BUAD 840: Social, Ethical, Legal and Political Environment of the Firm
 BUAD 890: Corporate Strategy

Elective Courses (12 hours):

Four additional graduate level courses in Business Administration, Finance, Economics, Accounting, or Museum Studies. At least one of these electives must have an international focus. Note that several courses in Business Administration and Accounting contribute to the Information Technology concentration.

Concentrations:

Students choosing at least 9 hours of elective coursework in a single area will be designated as having a concentration in that area. Areas of concentration include Accounting, Business Economics, Finance, Information Technology, International Business, Management, Marketing, Operations, Innovation Management, and Museum Leadership and Management.

Electronic Communications Requirement:

All M.B.A. students are provided with electronic mailboxes and are expected to utilize e-mail and electronic bulletin boards on a regular basis. The M.B.A. program will provide basic instruction in electronic communications for new students. Other instruction is available in short, non-credit classes that are offered by the University's Information Technologies staff.

M.S. IN ACCOUNTING

For more information, please visit the department web site at <http://www.be.udel.edu>

The Department of Accounting and Management Information Systems offers a program leading to the Master of Science degree with a major in Accounting. The objective of the M.S. in Accounting is to extend the education of qualified students into advanced study in each of the major areas of the field of accounting and information systems, as well as in the supporting fields of finance and quantitative methods. In taking the student beyond the level of study offered by an undergraduate program in accounting, the M.S. provides additional preparation for careers in public accounting, industry, and government, and establishes a foundation for further study at the Ph.D. level in preparation for an academic career.

Students may pursue either a full-time or a part-time course of study. Full-time students with an undergraduate accounting major from an accredited AACSB college should be able to complete the program within one calendar year.

REQUIREMENTS FOR ADMISSION

Applicants must supply all information stated in the "Admission Information" chapter of this catalog.

Admission to the graduate program in accounting is selective and competitive based on the number of well-qualified applicants and the limits of available faculty and facilities. Those who meet stated minimum academic requirements are not guaranteed admission, nor are those who fail to meet those requirements necessarily precluded from admission if they offer other appropriate strengths.

Candidates for admission are invited to correspond with the Director of the M.S. program. A detailed brochure on the M.S. program is available.

DEGREE REQUIREMENTS

The M.S. in Accounting requires 30 hours of graduate credit which includes eighteen credits of required accounting systems courses plus three credits of finance.

The M.S. program has as prerequisites the equivalent of four accounting courses required for an undergraduate accounting major as well as completion of courses meeting American Assembly of Collegiate Schools of Business (AACSB) common body of knowledge requirements. Thus, the M.S. is designed as a one-year, 30-hour graduate program beyond these prerequisites. Students admitted to the program without these prerequisites may complete this work while in the M.S. program. Normally, those holding an undergraduate business degree from an accredited AACSB college will have met the common body of knowledge requirements outside the area of accounting.

Graduate-level courses taken to fulfill the AACSB common body of knowledge requirements will *not* count towards fulfilling the 30-hour requirement of the M.S. in accounting.

M.A., M.S., AND PH.D. IN ECONOMICS JOINT M.A. IN ECONOMICS/M.B.A.

For more information, please visit the department web site at http://www.be.udel.edu/Econ_Site/EconHP.html

The Department of Economics offers programs leading to Ph.D., M.A., M.S., and combined M.A./M.B.A. degrees. In addition, the Department offers a Master of Arts in Economics and Entrepreneurship for Educators. The Ph.D., M.A., and M.S. programs emphasize applied economics with areas of specialization including econometrics, international economics and development, industrial organization, labor economics, macroeconomics, public economics, finance, natural resources, and urban and regional economics. The M.A./M.B.A. program combines applied economics with traditional M.B.A. skills.

The curricula provide students with a balance between a core of microeconomic, macroeconomic, and econometric theory and a wide variety of applied courses. These programs are designed to prepare individuals for professional careers involving the application of economic analysis in both the public and private sectors, including academia.

The M.A. program in Economics and Entrepreneurship for Educators is designed to provide secondary and primary school teachers with both a foundation in economic theory and a set of strategies and methods for teaching economics in secondary and elementary schools. The program is designed to train teachers who have been identified as exceptional teachers in their region. Graduates of the program are expected to provide economic education leadership in their state and region.

REQUIREMENTS FOR ADMISSION

Prospective students should consult the Graduate Admissions chapter of this catalog for admission procedures. The dates for application submission are July 1 and December 1 for Fall and Spring admission respectively. Students seeking financial aid should complete their applications by February 15 for September enrollment and by November 15 for February enrollment. Admission to graduate programs in the Department of Economics is selective and competitive based on the number of well-qualified applicants and the limits of available faculty and facilities. Those who meet stated minimum academic requirements are not guaranteed admission; nor are those who fail to meet those requirements necessarily precluded from admission if they offer other appropriate strengths.

Master of Arts, Master of Science, and Joint Master of Arts and Master of Business Administration Degrees. Applicants are expected to have at least a 2.5 (on a 4-point scale) undergraduate grade-point average and at least a 3.0 in their major. In addition, applicants should have a combined score of at least 1050 (verbal plus quantitative only) on the Graduate Record Examination Aptitude Test or score at or above the 55th percentile in the Graduate Management Admission Test. Foreign students must achieve a score of at least 213 on the TOEFL. While graduate courses do not require extensive prerequisites, students need some background in economics, calculus, and statistics. Applicants for the M.B.A./M.A. dual degree must also meet the M.B.A. program admission criteria.

Master of Arts in Economics and Entrepreneurship for Educators. The program is open to educators who: 1) meet admission requirements of the Office of Graduate Studies of the University of Delaware (official transcripts of all undergraduate work are required), 2) have completed a minimum of three semester hours in economics, 3) hold a current teaching certificate and have a mini-

mum of three years of experience, and 4) are nominated by the Council or Center Director for Economic Education in their geographic region.

Doctoral Degree. For admission to the Ph.D. program, students must have demonstrated a high level of potential to do independent research at the doctoral level. Students are expected to score at least 1100 on the combined verbal and quantitative portions of the GRE exam or the equivalent on the GMAT. In cases where English is a second language, applicants are expected to score at least 250 on the TOEFL exam. A grade point average of at least 3.5 in graduate economics courses is expected with emphasis placed on core courses and on course selection. Attention will also be given to graduate courses that the applicant has taken in related disciplines. Demonstrated potential for doctoral-level research is required; for example, a master's thesis or research paper and letters of recommendation that address this point specifically may be submitted. All applicants must submit at least three letters of recommendation from economics faculty who can comment explicitly upon the applicant's ability to do doctoral-level work, including doctoral-level research and writing. Continuation in the Ph.D. program requires a master's degree in economics from the University of Delaware, or its equivalent, as determined by the Department's Graduate Committee. An M.B.A. degree is not considered to be equivalent to a master's degree in economics. Each student's requirements for satisfying the master's equivalency will be established by the Graduate Committee. Qualified applicants who have not met the master's equivalency requirement at the time of admission are required to do so while at the University of Delaware in order to continue in the Ph.D. program.

REQUIREMENTS FOR THE DEGREES

All degrees except the M.A. degree for teachers require a written comprehensive examination, participation in a faculty-student research project or other relevant research experience, and regular attendance at departmental seminars and colloquia. Students may satisfy some elective course requirements for all degrees with a variety of graduate-level courses from other disciplines.

Master of Arts. The M.A. degree requires 30 credit hours of graduate work, nine of which are in three required courses: microeconomics, macroeconomics, and econometric theory. Students must also demonstrate a capacity for joint economic research by completing a 6-credit thesis or a 3-credit research project.

Master of Arts in Economics and Entrepreneurship for Educators. The M.A. degree requires 30 credit hours of graduate work, 18 of which are in five required areas: microeconomics, macroeconomics, monetary and international trade theories, contemporary economic issues, and curriculum strategies. In addition, candidates must design and implement an economic education program. A public policy or research paper is also required.

Master of Science. The M.S. degree requires 33 credit hours of graduate work, 15 of which are in five required courses: microeconomics, macroeconomics, econometric theory, econometrics seminar, and a fifth course representing an approved quantitative course from the graduate curriculum. In addition, the M.S. program requires the completion of a 6-credit thesis.

Joint Master of Arts and Master of Business Administration. The M.A./M.B.A. degree requires 57 credit hours of graduate work in economics and business. Students must meet the core requirements for both the M.A. and M.B.A. programs. By allowing elective courses to count for both programs, the combined M.A./M.B.A. degree represents a significant savings over taking two separate degrees.

Doctor of Philosophy. Doctoral students must complete a minimum of eight additional approved graduate courses beyond the master's degree, five of which are required: Advanced Microeconomic Theory, Advanced Macroeconomic Theory, Advanced Topics in Econometrics, and Time-series Econometrics and Mathematical

Methods for Economics. Students who have taken a mathematical economics course as part of their master's equivalency may waive this requirement. The remaining three courses must satisfy the field requirement. The Department maintains a current list of course groupings that satisfy the field requirement. Students must pass Ph.D. preliminary examinations in these three areas: microeconomic theory, macroeconomic theory, and the student's major field of study. The microeconomic theory and macroeconomic theory examinations must initially be taken at the same time. The field examination may be taken separately. Students normally take the microeconomic and macroeconomic preliminary exams following the year in which these courses are completed and take the field examination after the completion of all courses. Each student must pass all three preliminary examinations. Students who do not pass an examination on the first attempt may retake it two additional times. Students choose a thesis committee consisting of a dissertation adviser, two faculty members from the Department of Economics, and a faculty member from a department other than the Department of Economics. To be considered a doctoral candidate, a student must successfully defend a proposal outlining the nature of the work to be done for the dissertation. The dissertation must represent a significant advance in the body of economic knowledge and must be defended before the student's dissertation committee and the University Community.