

5. Provide a sample curriculum by following the format in the Undergraduate and Graduate Catalog.

DEGREE: Bachelor of Science

MAJOR: Finance

CURRICULUM	CREDITS
UNIVERSITY REQUIREMENTS	
ENGL 110 Seminar in Composition (minimum grade C-)	3
First Year Experience (FYE)	0-4
Discovery Learning Experience (DLE)	3
University Breadth Requirements	12
Multicultural Courses	3
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related course content	
MAJOR REQUIREMENTS	
Additional credits from Creative Arts & Humanities (CAH), History and Cultural Change (HCC) and/or foreign language instruction	6
Additional credits from the Social & Behavioral Sciences (note: ECON 101, 103, BUAD 301 and 309 may not apply.)	6
Economics (ECON 251, or 300-level or higher, excluding ECON 308)	3
COMM 212	3
MATH 221	3
MATH 230	3
MATH 201/MATH 202	6
One of the following courses:	
ENGL 301	3
ENGL 312	3
ENGL 410	3
Additional Natural and Physical Science credits including one lab credit. (ECON415, Mathematics, Computer Sciences and Statistics courses may not apply.)	
ECON 101	3
ECON 103	3
ECON 308	3

ACCT 207	Accounting I (minimum grade C-)	3
ACCT 208	Accounting II (minimum grade C-)	3
ACCT 352	Law and Social Issues in Business	3
BUAD 301	Introduction to Marketing (minimum grade C-)	3
BUAD 306	Service & Operations Management (minimum grade C-)	3
BUAD 309	Organizational Behavior (minimum grade C-)	3
BUAD 441	Strategic Management (minimum grade C-)	3
MISY 160	Business Computing: Tools and Concepts	3
MISY 261	Business Information Systems	3

Only one of the following will count toward graduation: MISY 261 or ACCT 302

Students must earn a grade of C- or better in all but one of the following: FINC 312, FINC 313, FINC 314, FINC 412, FINC 413, FINC 414, FINC415, FINC 416, FINC 417, FINC 418, FINC 419 .

FINC 311	Principles of Finance (minimum grade C-)	3
FINC 312	Intermediate Financial Management	3
FINC 314	Investments	3

Three of the following eight courses*: 9

FINC 313	Fixed Income Securities
FINC 412	Capital Markets & Financial Institutions
FINC 413	Advanced Corporate Finance
FINC 414	Bank Management
FINC 415	International Finance
FINC 416	Advanced Investments
FINC 417	Real Estate Finance
FINC 418	Seminar: Corporate Governance
FINC 419	Financial Modeling and Valuation

*Starting in their senior year, 4+1 students may substitute up to two graduate-level Finance courses, with prior approval of the MS Finance program director. The 6 credits used during this option will be counted for credit in the MS Finance curriculum requirements.

Professional Electives

3 credits from ACCT, BUAD, ENTR, FINC or MISY (300-level or higher) 3
(ACCT 302, 350, and 351 may not apply)

ELECTIVES

After required courses are completed, sufficient credits must be taken to meet the minimum credits required for the degree. Electives should be taken from courses outside the Alfred Lerner College of business and Economics (with some exceptions and exclusions; see Department for specifics). No more than two credits from BHAN 120 may apply.

CREDITS TO TOTAL A MINIMUM OF 121

M.S. Finance

The MS in Finance requires a minimum of 30 credits. 30

Required Courses:

FINC 870	Theory of Financial Decision Making	3
FINC 871	Workshop in Finance: Seminar	3
FINC 872	Workshop in Finance: Empirical Research	3
ECON 803	Applied Econometrics I	3
ACCT 820	Financial Statement Analysis	3
FINC 851	Corporate Financial Analysis OR	3
FINC 861	Financial Modeling and Valuation	
FINC 852	Investment Analysis and Portfolio Management OR	3
FINC 856	Financial Engineering and Risk Management	
FINC 862	Fixed Income Securities	3

Elective Courses 6

Elective courses can be any pre-approved 800-level FINC, ACCT, ECON, STAT or MATH course. Students are not limited to these courses and, with the approval of the program director, other graduate courses can be used to satisfy elective requirements.

CREDITS TO TOTAL A MINIMUM OF 30

- 6. Indicate how the curriculum satisfies University of Delaware, college and departmental requirements, such as ENGL 110, multicultural, college core, etc.**

Not applicable.

- 7. In the Appendices, provide approval from affected departments for all newly required courses that support the proposed curriculum.**

Not applicable.

V. RESOURCES AVAILABLE

A. Learning Resources

Describe briefly the scope and quality of available library holdings, audio-visual materials, special equipment and collections, laboratories, clinical facilities, research facilities, etc., that are available and would directly support the proposed course of study. If appropriate, obtain a Library Assessment Statement.

Not Applicable.

B. Faculty/Administrative Resources

Describe the available program administrators and faculty expertise which support the proposed curriculum. List name, rank, specialization, nature of appointment (regular, full-time, adjunct, etc.) and highest academic degree earned by those who would be directly involved, including campus administrators. If appropriate, provide pertinent information about the professional and scholarly accomplishments, including training, courses and workshops taught, publications and projects, and other relevant documentation of the faculty.

The faculty that currently administer and teach in the B.S. in Finance and M.S. in Finance programs will administer and deliver the 4+1 program.

C. External Funding

Indicate any resource or source of funding external to the University which has been garnered to support the curriculum.

Not applicable.

VI. RESOURCES REQUIRED

A. Learning Resources

Identify needed additional learning resources. Indicate which of these are essential for basic implementation and whose which will produce a premiere program able to compete favorably for the highest caliber of student.

Not applicable.

B. Personnel Resources

Indicate any new faculty positions required and the qualifications and subject matter specialties that will be sought. Give reasons for needing new position.

Not applicable.

C. Budgetary Needs

Attach an accounting of budgetary needs.

The program, as stated, can be provided with the current Lerner College Faculty without altering the size of faculty regular teaching workloads.

VII. IMPLEMENTATION AND EVALUATION

A. Implementation Plan

Describe how the curriculum will be implemented.

The implementation of the 4+1 program is relatively simple because both B.S. Finance and M.S. Finance programs and all of the courses required for the proposed 4+1 program are already offered in the Lerner College.

B. Assessment Plan

Indicate how the program will be evaluated and assessed. Some measures should be quantitative, other qualitative. Success should be measured against the criteria listed including stated learning outcomes and against whatever objectives have been set forth in the first section of the proposal. Academic units are encouraged to consult with the Office of Educational Assessment in developing the appropriate learning outcomes, assessment criteria, and benchmarks for success.

In addition to the Middle States Accreditation assessment criteria, the 4+1 program will be subject to the assessment criteria for accreditation by the AACSB. The 4+1 program will meet the learning outcomes and goals of both the B.S. Finance program and the M.S. Finance program.

Appendix 1 -- Degree Requirements – 4+1 BS/MS in Finance

Bachelor of Science in Finance – Academic Catalog

Telephone: (302) 831-1015

<http://www.lerner.udel.edu/departments/finance>

Faculty listing: <http://www.lerner.udel.edu/departments/finance/faculty-staff>

The Department of Finance offer students two opportunities to major, or even double major within the department. Professional education in finance serves to develop the capabilities of students so that they may assume positions of leadership and responsibility at all levels of financial management in our society. The undergraduate degree program in Finance reflects the growing demand for greater financial management capability in banking and in the financial services related industries. An Honors Degree option is available.

For students majoring in Finance, the Department offers a 4+1, 145 credit combined, Bachelor's and Master's degree in Finance. Please see the description in the Graduate Catalog.

The major in Financial Planning serves the needs of students preparing to enter this exciting and growing field. Financial planning has been ranked in recent years as one of the ten best career choices and employment opportunities are projected to expand rapidly in the coming years. Prospective employers include financial planning firms as well as other companies that provide related products and services such as banks, insurance companies and brokerage firms.

To earn the major in Finance or Financial Planning, one must: (1) earn a minimum of 121 credits, (2) achieve a minimum cumulative GPA of C (2.0) on all work undertaken at the University of Delaware, (3) fulfill the course requirements of the major, and (4) achieve at least a C- in specified business, finance, accounting, and economics courses. Only one of the five required upper-level courses in Finance may be taken at another AACSB-accredited institution, unless advance permission is granted.

Students majoring in Finance or Financial Planning may also pursue a minor in International Business and/or apply to the minors in Advertising, Business Analytics, Economics, Entrepreneurial Studies, Global Enterprise Technologies, Management Information Systems, Restaurant Management, and Social Entrepreneurship, as well as minors offered outside of the Lerner College.

Students in either major also take a broad range of courses throughout the University that are outside the Alfred Lerner College of Business and Economics. These include a specified number of courses in the humanities, sciences, social and behavioral sciences, and in disciplines that develop specific skills in mathematics, statistics, and written and oral communication. The math and statistics courses, as well as ENGL 110, require a grade of C- or better. Additional electives are also required to give each student the opportunity to choose courses most consistent with his or her interests.

[BACHELOR OF SCIENCE - FINANCE](#)
[BACHELOR OF SCIENCE - FINANCIAL PLANNING](#)
[HONORS BACHELOR OF SCIENCE - FINANCE](#)

Graduate Programs – Alfred Lerner College of Business and Economics – Academic Catalog

The mission of the Alfred Lerner 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 Alfred Lerner College of Business and Economics offers graduate degrees in the following disciplines: Accounting; Business Administration (MBA); Economics; Economic Education; Finance; Financial Services Analytics; Hospitality Business Management; Information Systems and Technology Management; and International Business. The following dual master's degree programs are offered: MBA/MS: Accounting; MBA/MA: Economics; MBA/MS: Finance; MBA/MS: Information Systems and Technology Management; MBA/MS: International Business; MBA/MAS: Civil Engineering, MBA/Master of Civil Engineering; MBA/Master of Chemical Engineering; MBA/Master of Engineering: Mechanical; MBA/Master of Materials Science & Engineering; MBA/MS: Mechanical Engineering; MBA/MS: Electrical and Computer Engineering; MBA/PhD Biological Sciences.

A robust, accelerated Online MBA Program designed to be completed in 15 months was introduced in March 2013.

PhD Biological Sciences/MBA students must be actively and successfully pursuing the PhD in Biological Sciences before applying to the MBA.

The Lerner College also offers a PhD in Economics, a PhD in Economic Education, and a PhD in Financial Services Analytics.

The objective of the MS 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 MS provides additional preparation for careers in public accounting, industry, and government and establishes a foundation for further study at the PhD level in preparation for an academic career. The Lerner College also offers a dual degree MBA/MS in Accounting and a 4+1 MS Accounting Program.

The MBA program provides a select group of students with a relevant, advanced business management education. Coursework integrates the functional areas of business, while preparing graduates for positions of greater responsibility in corporations, small businesses, consulting firms, government, or non-profit organizations. The core of the program provides students with the tools, analytics and frameworks necessary to drive effective evidence based decision-making. This set of skills, knowledge and competencies allows for the successful management and leadership of organizations operating in an environment of scarce resources, rapid change and global competition.

The MS in Economics and Applied Econometrics is focused on the 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 PhD program. An MA option in economics is also available, as is an MBA/MA Econ dual degree. The PhD in Economics builds upon the MS 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 academia.

The MS in Entrepreneurship & Design (ENTD-MS) engages students in the knowledge, skills, connections and resources needed to thrive as an innovator and entrepreneur. The ENTD-MS is an accelerated, cohort-based program with a unique multi-disciplinary partnership between the Horn Program in Entrepreneurship, the College of Engineering's Department of Mechanical Engineering, and Department of Art and Design faculty from the College of Arts & Sciences. Courses comprising the ENTD-MS program utilize experiential learning methods while focusing on entrepreneurship, creativity & design thinking and prototyping & new product development.

The purpose of the MS in Finance program is to provide students with the theoretical knowledge and practical skills to be innovative, well-informed, and experienced finance professionals. The curriculum is based on the financial theory and empirical methods employed by professionals practicing corporate finance, financial security valuation, financial modeling, portfolio management, financial services management, financial risk management, and corporate governance. In addition, students are expected to leverage the educational opportunities afforded by the Lerner Trading Center and the Weinberg Center for Corporate Governance. As a result, students will obtain training and experience valued by corporations, financial service firms, consulting firms, and government agencies. Additionally, if desired, students may tailor their program to enhance progress through a subsequent doctoral degree program. For students who qualify, an MBA/MS Finance dual degree is available as well as a 4+1 MS Finance program.

The MS in Hospitality Business Management is an innovative program that integrates emerging information age trends across functional areas of the hospitality industry and enables the

application of decision making skills to solve problems and evaluate opportunities. The program offers high-quality, professional-level instruction for current and prospective hospitality managers seeking to further their education by applying technology and decision making aids in operational settings. It is also designed to provide students interested in future doctoral work in hospitality and tourism management a sound foundation toward that goal.

The objective of the MS in Information Systems and Technology Management (IS & TM) is to produce students who possess the combination of management and technical skills needed to bring about the effective deployment and administration of information technology to achieve business success in today's highly competitive global environment. The Lerner College also offers a dual degree MBA/MS in IS & TM.

The Master of Science in International Business develops the consciousness, competencies, and capabilities of students who intend to work in a company that has international operations or a global orientation. The curriculum is comprised of a broad range of courses to develop dynamic knowledge of the world, in term of meta-economic, legal, political, and cultural situations. The MSIB gives students an opportunity to cultivate an understanding of the requirements of operating internationally, by including specialized functional courses that cover topics such as international marketing, finance, trade, human resource management, comparative political economy, international financial services, and cross-cultural management. A dual degree MBA/MS in International Business is available.

The Ph.D. in Financial Services Analytics is offered as a university-wide multi-disciplinary graduate program with scientific curriculum that builds upon the research and educational strengths of departments across the College of Engineering, and the Lerner College of Business and Economics. Graduates of the Ph.D. in Financial Services Analytics Program are researchers and professionals, who play key roles in multi- and interdisciplinary teams, bridging the financial services industry and data and operational sciences. The Program provides students with the knowledge, skills, tools and tactics to turn data into value.

[Business Administration \(MBA\)](#)

[Accounting, Information Systems and Technology Management \(MS\)](#)

[Economics \(MA, PhD\) Economics and Applied Econometrics \(MS\), Economic Education \(PhD\), \(Dual Degree MBA/MA\)](#)

[Entrepreneurship & Design \(MS\)](#)

[Finance \(MS\)](#)

[Hospitality Business Management \(MS\)](#)

[International Business \(MS\)](#)

[Financial Services Analytics \(PhD\)](#)

[Graduate Certificate: Entrepreneurship & Technology Innovation](#)

Master of Science in Finance – Academic Catalog

Finance (MS)(Dual Degree MBA/MS)(4+1 BS/MS)

Telephone: (302) 831-1015

<http://lerner.udel.edu/programs/specialized-graduate-programs/finance-ms/>

Faculty Listing: <http://www.lerner.udel.edu/departments/finance/faculty-staff>

MS Finance

Program Overview

The purpose of the MS Finance program is to provide students with the theoretical knowledge and practical skills to be innovative, well-informed, and experienced finance professionals. The curriculum is based on the financial theory and empirical methods employed by professionals practicing corporate finance, financial security valuation, financial modeling, portfolio management, financial services management, financial risk management, and corporate governance. In addition, students are expected to leverage the educational opportunities afforded by the Lerner Trading Center and the Weinberg Center for Corporate Governance. As a result, students will obtain training and experience valued by corporations, financial service firms, consulting firms, and government agencies. Additionally, if desired, students may tailor their program to enhance progress through a subsequent doctoral degree program.

If accepted into the program as a full-time student with a strong background in finance, the 30-credit degree program may be completed in nine months (the accelerated program). Other full-time students may complete the program in eighteen months and part-time students may complete the program in twenty-one months. The 4+1 MS option provides qualified University of Delaware undergraduate majors in Finance the ability to concurrently pursue the BS and MS in Finance degrees. The 4+1 MS option provides an efficient means to obtain, through advanced study of Finance, the necessary 145 credit hours needed to earn both degrees.

For further details contact the MS Finance Program Director: ms-finance@udel.edu

Requirements for Admission

Candidates for admission need not have majored in any specific field, but they will be expected to possess:

- Strong written and oral communication skills.
- An understanding of finance and accounting concepts as presented in [FINC 850](#) Financial Management and [ACCT 800](#) Financial Reporting and Analysis.
- Basic computer skills equivalent to [MISY 160](#) Business Computing: Tool and Concepts

- Mathematical skills equivalent to [MATH 221](#) Calculus and [MATH 230](#) Finite Mathematics with Applications.

Students deficient in any of the admission requirements may be admitted on conditional status and required to complete prerequisite non-degree coursework.

Admission to the program is selective and competitive. 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. The following should be considered the minimum requirements for consideration for admission:

- Comply with all of the requirements in the Graduate Admissions section of this catalog.
- Earn a minimum combined verbal and quantitative score of 1050 (prior to 8/1/2011) or 300 (after 8/1/2011) on the GRE or at or above the 55 percentile on the GMAT.
- Have a minimum overall undergraduate GPA of 3.0 (out of 4.0)
- Hold the equivalent of a 4-year U.S. Bachelor's degree from an accredited college or university
- Submit official transcripts of all previous academic work
- Submit two (2) letters of recommendation
- Submit a resume and application essay on the following topic:
- *What are your career objectives and how will an MS Finance degree from the Alfred Lerner College of Business & Economics at the University of Delaware help you achieve your goals?*
- Students whose native language is not English must achieve either a minimum score of 100 on the Test of English as a Foreign Language (TOEFL-IBT) or 7.5 on the International English Language Testing System (IELTS). This requirement may be waived if the student has earned a degree from an accredited educational institution in a country where English is the primary language and instruction was in English.

Candidates for admission are invited to correspond with the Director of the MS program. Detailed brochures on these MS programs, including the 4+1 option are available.

See [Graduate Admissions](#) for additional information, particularly for application procedures and deadlines.

Requirements for the Degree

The MS in Finance requires a minimum of 30 credits.