

Programs

Botany

Courses required for this Specialization		Credits
BY 2235	Plant Communities.....	3
BY 2108	Ecology.....	4
HT 2005	Plant Physiology.....	3
	Specialized Botany Electives.....	9
Total		19

Take 9 credits from the following courses to fulfill the Botany requirements:

	Credits
AE 2004	Soils.....3
AE 2209	Soil Fertility and Fertilizers.....3
AE 3104	Field Soil Morphology.....3
AE 3202	Plant Breeding.....3
AE 4116	Weed Science.....3
BY 3002	General Microbiology.....4
BY 3007	Entomology.....3
BY 3105	Introduction to the Biology and Ecology of Algae.....3
BY 3106	Introduction to the Biology and Ecology of Fungi.....3
BY 3126	Limnology.....4
BY 3203	Taxonomy of Vascular Plants.....3
BY 4250	Virology.....3
HT 3025	Plant Cell and Tissue Culture.....2
HT 3132	Dendrology.....3
HT 3205	Subtropical Horticulture.....3
HT 4005	Plant Pathology.....3
HT 4225	Plant Disease Diagnosis.....3
OH 3005	Plant Propagation.....3
OH 4125	Ecological Landscape Management and Restoration.....3

Ecology/Environmental Science

Courses required for this Specialization		Credits
AE 2004	Soils.....	3
BY 2108	Ecology.....	4
BY 3126	Limnology.....	4
	Specialized Environmental Science Electives.....	8
Total		19

Take 8 credits from the following courses to fulfill the Environmental Science requirements

	Credits
AE 2209	Soil Fertility and Fertilizers.....3
AE 3105	Soil Conservation.....3
AE 3107	Environmental Geology.....3
AE 3140	Environmental Impacts.....3
AE 3145	Land Planning and the Law.....3
AE 3216	Soil Classification.....3
AE 4010	Soil and Environmental Planning.....3
AE 4015	Regional Land Use Planning.....3
AE 4016	Hydrogeology.....3
AE 4025	Climatology.....3

AE 4043	Applied Toxicology and Risk Assessment.....	3
BY 2235	Plant Communities.....	3
BY 2240	Ornithology.....	3
BY 3002	General Microbiology.....	4
BY 3007	Entomology.....	3
BY 3008	Intro. to Earth & Space Science.....	3
BY 3203	Taxonomy of Vascular Plants.....	3
BY 3250	Tropical Ecology.....	3
BY 4257	Comparative Physiology.....	4
CH 3130	Analytical Chemistry.....	4
HT 4204	Plant Pest Management.....	3
OH 4125	Ecological Landscape Restoration.....	3
SA 3032	Herpetology.....	3
SA 3112	Wildlife Management.....	3
SA 3124	Animal Behavior.....	3

Biology Minor

A student majoring in another department's program may earn a minor in Biology by successfully completing 15 credits in non-required Biology courses. Minor programs must be approved by the Biology Department.

BUSINESS ADMINISTRATION (BA)

Faculty:

Garry Flower, Chairperson
David S. Beck
Elizabeth Kolar
Anthony Rohach
Christine Seel
Lawrence B. Stelmach
George F. West

Business Administration is a broad, comprehensive career program that deals with the science and art of managing the human, physical and economic resources of a business enterprise. As a science and art, it deals with principles, concepts, and practices that influence the activities of finance, production, personnel, distribution and marketing. Emphasis is placed on management's ability to analyze, plan, motivate, coordinate and control the varied activities necessary for effective and successful operation of a business organization.

In addition to going on for a Master's in Business Administration, Delaware Valley College business graduates have found positions as: Commercial Loan Analyst, Owner/Operator of a Business, Accountant, Compliance Specialist, Credit Associate, Supervisor,

Office Manager, Bankers, Auditor, and Manager Positions.

The total number of credits required for graduation with a degree in Business Administration is 121 plus 4 credits earned for successful completion of the Employment Program.

RECOMMENDED COURSE SEQUENCE

FRESHMAN YEAR

First Semester

Course No.	Course Title	Credits
BA 1005	Introduction to Business	3
EN 1101	English I.....	3
IT 1011	Information Technology Concepts	1.5
IT 1012	Computer Applications	1.5
LA 1020	Skills for College Success	1
MP 1102	College Algebra or	
MP 1203	Elementary Functions or	
MP 1205	Finite Mathematics	3
PE 1109	Physical Education I	1
Total		14

Second Semester

BA 2008	Macroeconomics	3
EN 1201	English II.....	3
IT 1031	Intermediate Computer Applications....	3
MP 1203	Elementary Functions or	
MP 1204	Calculus I or	
MP 1205	Finite Mathematics	3-4
PE 1209	Physical Education II	1
Total		13-14

Employment Program

BA 2370	Employment Program.....	1-2
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SOPHOMORE YEAR

First Semester

Course No.	Course Title	Credits
BA 2123	Principles of Accounting I.....	3
BA 2161	Business Law I	3
BY 1115	*Natural Science I.....	3
LA 2005	Speech.....	3
MP 2215	Statistics for Business.....	4
Total		16

Second Semester

BA 2210	Microeconomics	3
BA 2261	Business Law II	3
BA 2224	Principles of Accounting II.....	3
BY 1216	*Natural Science II	3
EN 2226	Professional Communications	3
Total		15

* Student may substitute two semesters of Introductory Biology, Chemistry, or Physics with the permission of the Department Chairperson.

Employment Program

BA 2370	Employment Program.....	1-2
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JUNIOR YEAR

First Semester

Course No.	Course Title	Credits
BA 2017	Principles of Marketing.....	3
BA 3127	Finance.....	3
BA 3129	Operations Management	3
	Humanities Area.....	3
	Major course or elective	6
Total		18

Second Semester

BA 3027	Human Resource Management	3
EN 2028	Introduction to Literature	3
LA 1060	Introduction to Fine Arts	3
	Major course or elective	6
Total		15

SENIOR YEAR

First Semester

Course No.	Course Title	Credits
BA 1009	Management Concepts	3
LA 4037	Non-Western Societies	3
	Social Science Area	3
	Major courses or electives.....	6
Total		15

Second Semester

BA 4236	Federal Income Tax.....	3
BA 4244	Management Seminar	3
	Humanities Area.....	3
	Major courses or electives.....	6
Total		15

Social Sciences Area: select one of the following:

LA 2012	Introduction to Sociology.....	3
LA 2036	Introduction to Psychology	3
LA 4203	Social Psychology and Human Interaction	3

Humanities Area: select two courses from the following:

LA 2040	Modern History of Western Societies ...	3
LA 2042	Introduction to Philosophy	3
LA 2138	History of Western Civilization I.....	3
LA 3032	American History and Government since 1877.....	3
LA 4127	United States Foreign Policy	3

Programs

Majors within Business Administration

In addition to the standard program previously outlined, the Business Administration Department offers nine elective major tracks. Students must complete the Business Core Requirement, the major program courses listed, and electives specified for each major.

Business Core Requirements

Course No.	Course Title	Credits
BA 1005	Introduction to Business	3
BA 1009	Management Concepts	3
BA 2008	Macroeconomics	3
BA 2017	Principles of Marketing.....	3
BA 2123	Principles of Accounting I.....	3
BA 2161	Business Law I	3
BA 2210	Microeconomics	3
BA 2224	Principles of Accounting II.....	3
BA 2261	Business Law II.....	3
BA 3027	Human Resource Management.....	3
BA 3127	Finance.....	3
BA 3129	Operations Management	3
BA 4236	Federal Income Tax.....	3
BA 4244	Management Seminar	3
Total		42

Major in Accounting

Students who complete this major are qualified to sit for CPA examinations in Pennsylvania. This major requires the following courses in addition to the minimum accounting requirement (Principles of Accounting I and II and Federal Income Tax) that are required in the Business Core:

Course No.	Course Title	Credits
BA 3138	Intermediate Accounting I.....	3
BA 3209	Auditing	3
BA 3239	Intermediate Accounting II	3
BA 4020	Fraud Examination.....	3
BA 4036	Federal Corporate Income Tax	3
BA 4144	Advanced Accounting.....	3
BA 4242	Cost Accounting.....	3
	Elective.....	3
Total		24

Major in E-Business

This major prepares the student for career opportunities throughout the total electronic environment including but not limited to web security, database system networking, marketing, sales and promotion. It also plays a role in international, legal and ethical decision-making. Finally, all future business owners will benefit from this experience. This major requires the following courses in addition to the Business Core:

Course No.	Course Title	Credits
BA 3128	E-Business.....	3
BA 3218	Principles of On-Line Marketing.....	3
IT 2118	Web Programming and Design.....	3
IT 2218	Advanced Web Programming	3
IT 3119	Web Security.....	3
IT 3222	Database Design	3
IT 4109	Data Communication	3
IT 4235	Computer Networks.....	3
Total		24

Major in General Business Administration

This major requires the following courses in addition to the Business Core:

Course No.	Course Title	Credits
BA 3126	Fundamentals of Investing	3
BA 3141	Small Business Management.....	3
	Electives	18
Total		24

Major in Management Information Systems

This major requires the following courses in addition to the Business Core:

Course No.	Course Title	Credits
BA 3023	E-Commerce	3
IT 2216	Introductory Programming	3
IT 3103	Information Systems	3
IT 3104	Database Management	3
IT 4109	Data Communications	3
IT 4146	Systems Analysis and Design.....	3
IT 4235	Computer Networks.....	3
	Elective.....	3
Total		24

Major in Financial Services

This major offers traditional finance and applied financial management courses. The emphasis is on applied financial understanding, financial problem solving and the marketing of financial services. This major requires the following courses in addition to the Business Core:

Course No.	Course Title	Credits
BA 3034	Real Estate Fundamentals.....	3
BA 3126	Fundamentals of Investing	3
BA 3240	Risk Management Insurance	3
BA 4119	Estate Planning.....	3
BA 4235	Financial and Retirement Planning.....	3
	Electives	9
Total		24

Major in Food Service Management

Currently, the job market is desperate for four year graduates in Food Service Management. A Business Degree in Food Service Management qualifies you to work in contract food service, corporate restaurants and chains, food manufacturing, supermarket management, the non-alcoholic beverage and snack industry, the wine spirits and beer production/distribution management. This major requires the following courses in addition to the Business Core:

Course No.	Course Title	Credits
FS 3225	Purchasing, Storage, and Handling of Foods	3
FS 3226	Service Systems Management	3
FS 3227	Food Service Accounting and Cost Control.....	3
FS 4229	Food Service Marketing Strategy	3
FS 4232	Legal Aspects of Food Service Management	3
	Electives	9
Total		24

Major in Management

This major requires the following courses in addition to the Business Core:

Course No.	Course Title	Credits
BA 3229	Organizational Behavior.....	3
BA 4132	Industrial Relations	3
BA 4242	Cost Accounting	3
IT 3103	Information Systems	3
IT 4146	Systems Analysis	3
	Electives	9
Total		24

Major in Marketing

This major requires the following courses in addition to the Business Core:

Course No.	Course Title	Credits
BA 3023	E-Commerce	3
BA 4041	Marketing Research.....	3
BA 4044	Marketing Management	3
BA 4146	Sales	3
BA 4247	Advertising.....	3
	Electives	9
Total		24

Major in Sports Management

This major requires the following courses in addition to the Business Core:

Course No.	Course Title	Credits
BA 3020	History of Sports	3
BA 3131	Sports Management and Leadership	3
BA 3233	Sports Facilities.....	3
BA 3235	Sports Law	3
BA 4145	Sports Marketing & Media Relations	3
	Electives	6
Total		24

Associate Degree in Business Administration

This unique two-year degree program is designed specifically to meet the needs of adults who are moving into Supervision, Administration, and Management positions or who are seeking to prepare for a career in one of these fields. The curriculum is designed to provide essential concepts, principles and an understanding of how these concepts are influenced, changed and implemented. This degree is only offered through the Evening College.

Banking and Banking Management Specialization

This is a cooperative program in bank management between Delaware Valley College and Bucks County Community College. Participation is based on completing an Associate Degree at the Community College and then transferring to Delaware Valley College.

This program is offered only through the Evening College. For more information, please contact the Director of Continuing Education.

Business Minor

A minor in business is available to students majoring in other disciplines and it includes the courses listed below. Please note that BA 1005, Introduction to Business, is a prerequisite to all advanced management courses.

Students whose major requires one or more of the courses listed below must complete additional Business administration course(s) to earn a total of 15 elective business credits for the Business minor. The following is a suggested course list. The list may be altered when a student has other specific business related goals.

Course No.	Course Title	Credits
BA 1005	Introduction to Business	3
BA 2161	Business Law I	3
BA 2225	Accounting Fundamentals	3
BA 3027	Human Resource Management or	
BA 3028	Supervision & Management	3
IT 1031	Intermediate Computer Applications....	3
Total		15