

**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
- Lawrence B. Stelmach, Assistant Chairperson
- David S. Beck
- Tracy Hunt
- Elizabeth Kolar
- Dominic A. Montileone
- Anthony Rohach
- Christine Seel
- 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**

<b>Course No.</b>	<b>Course Title</b>	<b>Credits</b>
BA 1005	Intro to Business.....	3
EN 1101	English I or	
EN 1111	Advanced English I.....	3
MP 1102	College Algebra or	
MP 1203	Elementary Functions or	
MP 1205	Finite Math.....	3
IT 1011	Information Technology Concepts ....	1.5
IT 1012	Computer Applications .....	1.5
PE 1109	Physical Education I .....	1
LA 1020	Skills for College Success .....	1
<b>Total</b>	<b>.....</b>	<b>14</b>

**Second Semester**

IT 1031	Intermediate Computer Applications....	3
BA 2008	Macroeconomics .....	3
EN 1201	English II or	
EN 1211	Advanced English II.....	3
MP 1203	Elementary Functions or	
MP 1204	Calculus I or	
	Finite Math .....	3-4
PE 1209	Physical Education II .....	1
<b>Total</b>	<b>.....</b>	<b>13</b>

**Employment Program**

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

**First Semester**

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

**Second Semester**

BA 2224	Principles of Accounting II.....	3
EN 2226	Business Communications.....	3
BA 2261	Business Law II .....	3
BA 2210	Microeconomics .....	3
BY 1216	Nat Science II .....	3
<b>Total</b>	<b>.....</b>	<b>15</b>

**Employment Program**

BA 2370	Employment Program.....	1-2
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\* Student may substitute two semesters of Introductory Biology, Chemistry, or Physics with the permission of the Department Chairperson.

## Programs

### JUNIOR YEAR

#### First Semester

Course No.	Course Title	Credits
BA 2017	Principles of Marketing.....	3
BA 3127	Finance.....	3
BA 3129	Operations Management.....	3
LA 3032	American History and Gov't Since 1933.....	3
BA 3141	Small Business Mgt. ....	3
	Elective .....	3
<b>Total .....</b>		<b>18</b>

#### Second Semester

BA 3126	Fundamentals of Investing.....	3
LA 1060	Introduction to the Arts.....	3
EN 2028	Introduction Literature.....	3
BA 3027	Human Resource Mgt. ....	3
	Electives.....	3
<b>Total .....</b>		<b>15</b>

### SENIOR YEAR

#### First Semester

Course No.	Course Title	Credits
BA 1009	Mgt. Concepts .....	3
LA 4037	Non-Western Societies.....	3
	Philosophy/Psychology/ Sociology Area.....	3
	Electives.....	6
<b>Total .....</b>		<b>15</b>

#### Second Semester

BA 4244	Management Seminar.....	3
BA 4236	Taxes.....	3
LA 2040	Modern History of Western Society.....	3
	Electives.....	6
<b>Total .....</b>		<b>16</b>

#### *Majors within Business Administration*

In addition to the standard program previously outlined, the Business Administration Department offers its students nine elective major tracks. Students selecting a major area must complete the major program courses listed, the Business Core Requirements, and credits of required free electives. Students from other majors who wish to pursue any of these business majors must have the permission of the Business Administration Department Chairperson and must complete the Business core requirements.

### Business Core Requirements

Course No.	Course Title	Credits
BA 1005	Introduction to Business.....	3
BA 1009	Mgt. 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 Mgt. ....	3
BA 3127	Finance.....	3
BA 3129	Operations Management.....	3
BA 4236	Federal Income Tax.....	3
BA 4244	Management Seminar .....	3
<b>Total .....</b>		<b>42</b>

#### *Major in Accounting*

This major involves the following courses in addition to the minimum accounting requirement (Principles of Accounting I and II, and Taxes) for all Business Administration majors. Students who complete this major are qualified to sit for CPA examinations in Pennsylvania.

The American Institute of Certified Public Accountants require 150 credit hours for the CPA. Accounting majors at the College are required to complete only 130 credit hours. To reach the requirements of the national organization, accounting majors can complete the remainder of the CPA credit hours in any MBA program.

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

#### *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.

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
<b>Total</b>		<b>24</b>

**Major in General Business Administration**

This major offers the following credits in Business Administration beyond the Business core requirements.

Course No.	Course Title	Credits
BA 3126	Fundamentals of Investing.....	3
BA 3141	Small Business Mgt. ....	3
	Electives .....	18
<b>Total</b>		<b>24</b>

**Major in Management Information Systems**

This major offers the following credits in information systems courses beyond the Business core required of all Business Administration majors.

**Information Systems**

Course No.	Course Title	Credits
IT 2216	Introductory Programming.....	3
BA 3023	E-Commerce .....	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
	Electives.....	3
<b>Total</b>		<b>24</b>

**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. The major offers the following credits in finance courses beyond the Business core of all Business Administration majors.

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
<b>Totals</b>		<b>24</b>

**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.

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
<b>Totals</b>		<b>24</b>

**Major in Management**

This major offers the following credits in management courses beyond the Business core.

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

## Programs

### Major in Marketing

This major offers the following credits in marketing courses beyond the Business core in marketing (Principles of Marketing) that is required of all Business Administration majors.

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
<b>Total .....</b>		<b>24</b>

### Major in Sports Management

This major offers the following courses in sports management beyond the business core requirements of all Business Administration Majors.

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

### Associate Degree in Supervision, Administration and Management

This unique two-year degree program is designed specifically to meet the needs of adults who are moving into Supervision, Administration, and Management (SAM) 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
IT 1031	Intermediate Computer Applications....	3
BA 2225	Accounting Fundamentals .....	3
BA 3027	Human Resource Management or	
BA 3028	Supervision & Management .....	3
<b>Total .....</b>		<b>15</b>

## Chemistry

Faculty:

Karen G. McPherson, Chairperson

Kenneth B. Dedeian

Ryan Fealy

Michael B. Garrett

Yun Li

Ronald T. Petruso

Benjamin E. Rusiloski, III

William P. Stephens

Charles W. Weber

The study of chemistry includes the composition, structure and properties of matter in its various solid, liquid and gaseous forms. Chemistry enters every area of our existence and will continue to play a key role in the age of high technology. The need for chemists in so many related and vastly different areas makes the field of chemistry very broad. Our program addresses that diversity.

The Chemistry and Biochemistry Department is listed among the colleges approved by the American Chemical Society. Majors who satisfactorily complete the program outlined below will be certified by the American Chemical Society.

A chemical education first and foremost must consist of certain defined disciplines that establish a strong foundation in chemical knowledge. The curriculum of the department prepares the student for a career in