

Programs

MP 1102	College Algebra or	
MP 1203	Elementary Functions or	
MP 1205	Finite Mathematics	3
PE 1109	Physical Education I	1
LA 1020	Skills for College Success	1
LA 2012	Intro to Sociology	3
Total		17

Second Semester

CJ 2015	American Police	3
EN 1201	English II.....	3
IT 1011	Information Technology Concepts	1.5
IT 1012	Computer Applications.....	1.5
LA 2036	Intro to Psychology.....	3
PE 1209	Physical Education II	1
	Humanities Area.....	3
Total		16

Employment Program

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

First Semester

Course No.	Course Title	Credits
BY 1115	Natural Science I.....	3
CJ 2124	Criminology	3
LA 2005	Speech.....	3
LA 3034	Adolescent Psychology or	
LA 4014	Abnormal Psychology	3
MP 1203	Elementary Functions or	
MP 1205	Finite Mathematics	3
Total		15

Second Semester

BY 1216	Natural Science II or	
CH 1001	Chemistry Fundamentals	3
CH 1001L	Chemistry Fundamentals Lab.....	1
EN 2028	Intro to Literature	3
CJ 3120	Penology	3
	CJA Elective	3
	Elective.....	3
Total		15-16

Employment Program

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

First Semester

Course No.	Course Title	Credits
BA 2008	Macroeconomics	3
BA 2161	Business Law I	3
BA 2225	Accounting Fundamentals.....	3
	Humanities Area.....	3
	Elective.....	3
Total		15

Second Semester

BA 2261	Business Law II.....	3
BA 3027	Human Resource Mgt or	
BA 3229	Organizational Behavior.....	3
LA 4228	The American Family.....	3
	CJA Elective	3
	Elective.....	3
Total		15

Employment Program

CJ 2370	Employment Program.....	1-2
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SENIOR YEAR

First Semester

Course No.	Course Title	Credits
CJ 3230	International Crime and Terrorism	3
CJ 4240	Senior Seminar	3
LA 1060	Introduction to the Fine Arts	3
LA 4037	Non-Western Societies	3
	Elective.....	3
Total		15

Second Semester

CJ 3250	Issues in Criminal Justice	
	Administration and Management	3
LA 4224	Cultural Minorities.....	3
	CJA Elective	3
	Electives	3
Total		12

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

DAIRY SCIENCE

Faculty:

Larry D. Morris, Chairperson
 John R. Plummer
 Fredrick R. Hofsaess
 Pamela J. Reed
 Rodney Gilbert

The curriculum in Dairy Science emphasizes the basic sciences, economics, and general education, as well as courses in professional dairy science. As a result, the students are prepared to enter a wide variety of occupations directly and indirectly related to the field of specialization.

With a 95% rate of placing graduates within six months of graduation, there is a variety of employment opportunities for Dairy Science graduates. Opportunities are found principally in six occupational categories: sales and service, production, teaching, veterinary medicine, research and agribusiness. The drug and feed industries are particularly interested in dairy science graduates for sales and administrative positions. Service opportunities are available in state and federal civil services, artificial insemination, state extension services, dairy plant and farm inspection, and cooperatives offering supplies and services to the dairyman.

A number of graduates enter productive farming as dairy herd managers, farm managers, and farm owners. Teaching at the secondary school level in the sciences has become an increasingly popular field for graduates in dairy science. In recent years, graduate work leading to industrial research and college teaching positions has been attracting a number of graduates.

Students interested in attending veterinary school can meet the requirements for veterinary programs offered in the United States through the Dairy Science program. Veterinary schools have unique admission requirements; thus, students should choose their undergraduate elective credits carefully to meet Veterinary School requirements.

The total number of credits required for graduation with a degree in Dairy Science is 128 plus 4 credits earned for successful completion of the Employment Program.

RECOMMENDED COURSE SEQUENCE

FRESHMAN YEAR

First Semester

Course No.	Course Title	Credits
AS 1006	Introduction to Animal Science	3
BY 1116	Biological Science I	3
CH 1103	General Chemistry I.....	3
CH 1103L	General Chemistry I Lab.....	1
EN 1101	English I.....	3
LA 1020	Skills for College Success.....	1
MP 1102	College Algebra or	
MP 1203	Elementary Functions or	
MP 1205	Finite Mathematics	3
Total		17

Second Semester

BY 1217	Biological Science II	3
CH 1203	General Chemistry II.....	3
CH 1203L	General Chemistry II Lab	1
DS 1065	Principles of Dairy Science	3

EN 1201	English II.....	3
MP 1203	Elementary Functions or	
MP 1204	Calculus I or	
MP 1205	Finite Mathematics	3-4
Total		16-17

SOPHOMORE YEAR

First Semester

Course No.	Course Title	Credits
AE 2007	Feed Grains and Forages	3
BY 2003	Genetics	3
CH 2003	Princ. of Organic Chemistry.....	3
CH 2003L	Princ. of Organic Chemistry.....	1
DS 3029	Genetics of Livestock.....	1
IT 1011	Information Technology Concepts	1.5
IT 1012	Computer Applications	1.5
LA 2005	Speech.....	3
PE 1109	Physical Education I	1
Total		18

Second Semester

CH 2203	Biochemistry.....	3
CH 2203L	Biochemistry Lab.....	1
DS 2213	Dairy Cattle Judging.....	1
DS 2230	Physiology of Lactation	3
EN 2028	Introduction to Literature	3
PE 1209	Physical Education II	1
	Elective.....	3
Total		15

JUNIOR YEAR

First Semester

Course No.	Course Title	Credits
AS 4106	Principles of Animal Nutrition	3
BY 3002	General Microbiology	4
LA 1060	Introduction to Fine Arts.....	3
LA 4037	Non-Western Societies	3
	Elective.....	3
Total		16

Second Semester

AS 4214	Animal Diseases	3
DS 3010	Animal Feeding and Nutrition	3
DS 3118	Animal Anatomy and Physiology	4
DS 3226	Dairy Husbandry Techniques I.....	2
	Humanities Area.....	3
	Elective.....	2
Total		17

SENIOR YEAR

First Semester

Course No.	Course Title	Credits
DS 4115	Seminar	1
DS 4143	Dairy Husbandry Techniques II.....	2

Programs

DS 4134	Physiology of Reproduction.....	3
	Humanities Area.....	3
	Elective.....	6
Total		15

Second Semester

DS 4235	Dairy Systems and Management.....	3
BA 2008	Macroeconomics	3
	Social Sciences Area	3
	Electives.....	5
Total		14

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

EDUCATION

Faculty:

Linda J. Maisel, Chairperson
 Anthony H. LaSalle
 Dominic A. Montileone
 Andrew M. Pollock
 Dorothy A. Prisco
 Robert W. Valente

The Education Department at Delaware Valley College is a premier provider of training for secondary education teachers in the state of Pennsylvania. Students who major in Education will be prepared to teach at the secondary school level (grades 7 to 12) in the following subjects: Agriculture, Biology, Business, Chemistry, English, General Science, Mathematics or Social Studies. The Education curriculum is a blend of professional studies, teaching competencies and the subject area concentration. The Education major provides a career program based on knowledge of subject content (through required courses in the area of certification), understanding of the teaching and learning processes (through required courses in Education), and proficiency in the liberal arts (through required College core courses).

A program sequence of courses for each content area and certification is prescribed. The program sequence of courses strives for thorough knowledge of subject area, classroom management skills, communication skills, and the development of rational analysis and critical judgment as it applies to education. The Education Department Manual specifically defines requirements for each content area and certification, provides program sequences for each subject area and outlines protocols and responsibilities for the Education major including information regarding Praxis examinations. An application for admission into the major must be completed after forty-eight credit hours. Eligibility and departmental recommendation for the student teaching practicum is dependent upon formal acceptance into the major.

A student may enter the Education program as a major in education or as a major in an academic discipline seeking teacher certification. The number of credits required for graduation with a degree in Secondary Education is 124-136 credits, depending on the content area, which includes 12 credits earned for successful completion of the Student Teaching and Professional Seminar.

In compliance with **Chapter 354 of the General Standards of the Pennsylvania Department of Education**, students are required to seek formal admission into the Education major. This process is outlined in the **Department Manual**, and requires the following:

- Three credits of college-level English or American Literature; three credits of college-level English Composition; and six credits of college-level Mathematics.
- A cumulative GPA of 3.0 or higher by the completion of forty-eight credit hours. The 3.0 GPA must be maintained through graduation in order for Delaware Valley College to recommend the individual for PA certification. If the GPA falls below 3.0, the Education Department will place the student on probation until the student raises the GPA to the acceptable level.
- All transfer students must enter with a cumulative 3.0 GPA in order to be admitted to the Education Program. A 3.0 GPA must be maintained in order to receive recommendation for certification.
- Successful completion of Field Experience I (ED 2040).
- Attainment of proper background clearances – Acts 34, 114, and 151.
- Successful completion of the Praxis PPST tests in Reading (10710), Writing (20720), and Mathematics (10730).