

EDUCATION

Faculty:

Linda J. Maisel, Interim Chairperson
 Howard Chud
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A major in Education provides a career program based upon knowledge of subject content, understanding of the teaching and learning processes, and proficiency in the liberal arts. The program integrates bodies of knowledge with the art of teaching. Students who major in Education will be prepared to teach at the secondary school level (grades 7-12) in the following subjects: Agriculture, Biology, Business, Chemistry, English, General Science, Mathematics and Social Studies. The Education Department at Delaware Valley College is a premier provider of training for secondary education teachers in the state of Pennsylvania.

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 is available and 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.

Recent changes in the testing protocol require sophomore students to begin the Praxis examinations. Program completers remained below ten during the 2003-2004 academic year, and the pass rate for content area tests was not calculated. The PPST pass rate was 90%. For the 2004-2005 academic year, the institutional pass rates for the Business Education Content Exam, the Fundamental Concepts Exam, and the PPST Exams were all 100%. The institutional pass rates for the Business Education Content Exam, the Fundamental Concepts Exam, and the PPST Exams were all 100% once again for the 2005-2006 academic year.

The Education curriculum is a blend of professional studies, teaching competencies and the subject area concentration. A student may enter the Education program as a major in education or as a major in an academic discipline seeking teacher certification. The average number of credits required for graduation with a degree in Secondary Education across the eight content areas is 130, which includes 12 credits earned for successful completion of the Student Teaching and Professional Practicum.

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 such time as the GPA is raised to acceptable levels.
- 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).

The Department Chair, in consultation with the student's advisor and Content Area Chair, reviews the applications to determine formal acceptance. Students will not be allowed to progress in the professional sequence of the program until testing and grade standards are met. Once students are on probation, they will be re-examined in subsequent semesters to determine eligibility and their future success in the program.

Programs

RECOMMENDED COURSE SEQUENCE

FRESHMAN YEAR

First Semester or Second Semester

Course No.	Course Title	Credits
ED 1010	American Education.....	3
LA 1020	Skills for College Success.....	1

SOPHOMORE YEAR

First Semester

Course No.	Course Title	Credits
ED 2230	Educational Psychology.....	3

Second Semester

ED 2210	Reading in Secondary School.....	3
ED 2040	Field Experience.....	1

JUNIOR YEAR

First Semester

Course No.	Course Title	Credits
ED 3120	Tests and Measurements.....	3

Second Semester

ED 3230	Multicultural Education.....	3
ED 3010	Secondary School Curriculum Methods.....	3

SENIOR YEAR

First Semester

Course No.	Course Title	Credits
ED 3011	Special Methods in Subject.....	2
ED 3040	Field Experience II.....	1

Second Semester

ED 4010	Student Teaching and Professional Seminar.....	12
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Teaching Field Specializations

Agriculture:

Courses required for this certification		Credits
BY 1116	Biological Science I.....	3
BY 1217	Biological Science II.....	3
CH 1103	Chemistry I.....	4
CH 1203	Chemistry II.....	4
AS 1006	Introduction to Animal Science.....	3
AS 2116	Livestock Evaluation.....	3
AE 2004	Soils.....	3
HT 2101	Botany of Vascular Plants.....	3
AB 3126	Agricultural Sales and Marketing.....	3
BA 3141	Small Business Management.....	3
AB 4113	Farm Management.....	3
AE 2013	Agricultural Machinery.....	3
AE 2100	Agricultural Building Practices and Materials.....	3

AE 2201	Agricultural Engines and Power Applications.....	3
	Agriculture Concentration	
AS 4014	Beef Science.....	3
AS 4029	Poultry Science.....	3
DS 1065	Principles of Dairy Science.....	3
DS 3226	Dairy Husbandry.....	3
	Electives.....	6

One or More Areas: (Agricultural Mechanics, Agricultural Production, Agricultural Products/Processing, Agricultural Resources, Agricultural Services and Supplies, Horticulture, Ornamental Horticulture and Environmental Design)

Other experiences required:

Employment Program (2 credit hours)
FFA Chapter field experience

Biology:

Courses required for this certification		Credits
BY 1113	Biology I.....	4
BY 1214	Biology II.....	4
CH 1103	Chemistry I.....	4
CH 1203	Chemistry II.....	4
CH 2120	Organic Chemistry I.....	4
CH 2220	Organic Chemistry II.....	4
CH 2203	Biochemistry.....	4
MP 2119	Physics I.....	4
MP 2219	Physics II.....	4
CH 2006	Safety in the Laboratory.....	1
BY 2001	Botany.....	4
BY 2108	Ecology.....	4
BY 2003	Genetics.....	3
BY 3008	Intro to Earth and Space Science.....	3
BY 2223	Comparative Anatomy.....	4
BY 3002	General Microbiology.....	4
MP 1204	Calculus I.....	4
MP 3231	Statistics for Research.....	3
	Dual Certification Granted — General Science	

Business, Computers, and Information Technology:

Courses required for this certification		Credits
BA 1005	Introduction to Business.....	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 2224	Principles of Accounting II.....	3
BA 3016	Consumer Behavior.....	3
BA 3023	E-Commerce.....	3
BA 3028	Supervision and Management.....	3
BA 3127	Finance.....	3
BA 4239	International Trade.....	3

IT 1031	Intermediate Computer Applications...	3
IT 2118	Web Design	3
IT 2216	Introductory Programming	3
IT 4109	Network Concepts	3
EN 2226	Professional Communications	3

Other experiences required:

BA 2370 Employment Program (1 credit hour)

Chemistry:

Courses required for this certification Credits

CH 2005	Chemistry of Hazardous Materials.....	1
CH 2006	Safety in the Laboratory	1
CH 2120	Organic Chemistry I.....	4
CH 2203	Biochemistry.....	4
CH 2220	Organic Chemistry II.....	4
CH 3125	Physical Chemistry I.....	4
CH 3130	Analytical Chemistry	5
CH 3157	Inorganic Synthesis	2
CH 3224	Physical Chemistry II	4
CH 4126	Advanced Inorganic Chemistry	2

Other required courses:

IT 1031	Intermediate Computer Applications...	3
BY 1116	Biological Science I	3
BY 1217	Biological Science II	3
MP 2119	Physics I.....	4
MP 2219	Physics II	4

Dual Certification Option/General Science:

BY 2108	Ecology	4
BY 2003	Genetics	3
BY 3008	Introduction to Earth and Space Science.....	3

English:

Courses required for this certification Credits

EN 1101	English I.....	3
EN 1201	English II.....	3
EN 2010	Linguistics	3
EN 2129	Structure of English.....	3
EN 2134	Literary Interpretation	3
EN 2135	Class. & Med. Western Lit.	3
EN 2136	Amer. Lit. Before the Civil War.....	3
EN 2138	World Literature.....	3
EN 2238	Amer. Lit. After the Civil War.....	3
EN 2240	Theory of Writing.....	3
EN 3008	Journalism.....	3
EN 3010	Adolescent & Young Adult Lit.	3
EN 3030	Shakespeare.....	3
EN 3031	Introduction to Film.....	3
EN 3050	Contemporary Literature in English.....	3
EN 3055	Renaissance & Enlightenment Lit.	3
EN 4010	Critical Theory.....	3

EN 4050	19th/Early 20th English Lit.	3
EN 4152	Senior Seminar	3

General Science:

Courses required for this certification Credits

BY 1113	Biology I.....	3
BY 1214	Biology II.....	3
MP 1203	Elementary Functions	3
MP 3231	Statistics for Research	3
CH 1103	Chemistry I.....	4
CH 1203	Chemistry II.....	4
CH 2003	Principles of Organic Chemistry	4
CH 2203	Biochemistry.....	4
MP 2119	Physics I.....	4
MP 2219	Physics II	4
BY 2108	Ecology	4
BY 2003	Genetics	3
BY 3002	General Microbiology	4
BY 3008	Introduction to Earth and Space Science.....	3
CH 2006	Safety in the Laboratory	1
	Science Electives	6

Mathematics:

Courses required for this certification Credits

MP 1206	Geometry	3
MP 2121	Calculus II.....	4
MP 2126	Linear Algebra	3
MP 2223	Differential Equations	3
MP 3037	Modern Algebra/Number Theory	3
MP 3123	Advanced Calculus.....	3
MP 2114	Business Statistics I.....	3
MP 3241	History of Mathematics.....	3
MP 4115	Math Seminar.....	1
MP 4132	Symbolic Logic	4

Required computer courses:

IT 1031	Intermediate Computer Applications...	3
IT 2216	Introductory Programming	3
IT 3203	Hardware/Software	3

Electives:

Math or Computer Electives
(select two courses).....6

Social Studies:

Courses required for this certification Credits

LA 2012	Introduction to Sociology.....	3
LA 2036	Introduction to Psychology	3
LA 2040	Mod. Hist. of West. Societies.....	3
LA 2138	Western Civilization I.....	3
LA 2224	Penn. History and Gov't.....	3
LA 3031	American History to 1877.....	3
LA 3032	American History since 1877	3

Programs

LA 3101	Cultural Anthropology	3
LA 3132	Comparative Politics	3
LA 3240	Political & Cult. Geography	3
LA 3241	Technology in America	3
LA 4037	Non-Western Societies.....	3
LA 4110	Critical Issues in World History.....	3
LA 4111	International Pol. Economy.....	3
LA 4112	Senior Seminar	3
LA 4127	American Foreign Policy	3
LA 4224	Cultural Minorities.....	3
LA 4228	The American Family.....	3

Intern Certification

Howard Chud, Coordinator

The Education Department, through the Office of Continuing Education, offers a program in Intern Certification (Teacher Certification Internship Program, TCIP) for candidates who already possess a bachelor's degree in the following content areas - Agriculture, Biology, Business, Chemistry, English, General Science, Mathematics or Social Studies. Candidates complete 18 credit hours in education courses and obtain employment as a teacher intern in a Pennsylvania school district.

To qualify for admission, students must possess a bachelor's degree in a content area, a minimum 3.0 cumulative GPA, and six college credits in both English and Mathematics. Successful completion of Praxis I and II exams is also recommended. Applicants with a minimum 2.8 GPA will be admitted to the program provisionally until they have completed 9 credit hours with a 3.0 GPA or better.

Recommended Course Sequence and Descriptions

The six required courses in the program are offered in cohort groupings, and run on an accelerated six week schedule. Courses typically occur on Tuesday and Thursday evenings or on Saturdays. The courses are listed chronologically and in sequence. To achieve the optimum experience from the program, intern candidates are required to take the courses in this succession.

After successfully completing all Praxis exams, finishing 6 credits of education courses with a G.P.A. of 3.0 or higher, and obtaining the necessary background Clearances required by the state of Pennsylvania, (Acts 34, 114 and 151), students may apply for the Intern Certificate*. Candidates then secure their own full-time internship at a public, parochial, or private secondary school for a minimum of 12 weeks. Teaching positions should be found

within a 35 mile radius of the DVC campus. Students will be recommended for Instructional I (permanent) Certification when required coursework and the intern observation period have been completed according to program standards.

**Please note that the Intern Certificate is only valid for three years from the date of issuance.*

ENGLISH

Faculty:

Jack W. Schmidt, Chairperson

Joann Donigan

Richard Hunt

Linda K. Kuehl

Brian Lutz

Linda J. Maisel

James O'Connor

Karen N. Schramm

Michael W. Stamps

Majors within the English Degree

Students in English may choose a major in English Literature or in Media and Communication. Students should discuss their goals and interests with their advisor in order to design the curriculum best suited for them.

The English Literature Major

Students enrolled in the English Literature major have the opportunity to study literary works from a variety of genres, periods and cultures. In addition to a broad knowledge of literature, they will gain an understanding of literary history, an awareness of how literary works relate to broader cultural issues, and are exposed to various methods of literary criticism and interpretation.

The English Literature major at Delaware Valley College will prepare you to enter the workforce with confidence, expertise and invaluable practical experience. Whether you're preparing for a career as a high school teacher, a college professor, a journalist, a lawyer, or a business person, our courses will provide you with the skills needed to succeed. Careful reading, clear thinking, and effective writing are needed in all areas of business and professional life. Good communication skills and the ability to critically analyze information can make the difference between a job and a growing career.

Students graduating from DVC with a degree in English Literature have pursued careers in law, teach-