

Part One

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The College

Founded in 1896, Delaware Valley College is a private, state-aided, coeducational four-year college enrolling approximately 2,000 undergraduate students in the day, Evening and Weekend degree programs and over 100 in the Master's Program. The college is accredited by the Commission of Higher Education of the Middle States Association of Colleges and Schools, its Chemistry program is approved by the American Chemical Society, and its Food Science Specialization in the Food Science and Management Department is approved by the Institute of Food Technologists.

The college is a member of the American Council on Education, the Pennsylvania Association of Colleges and Universities, the National Association of Colleges and Teachers of Agriculture, the National Collegiate Athletic Association, Eastern Collegiate Athletic Conference, the Middle Atlantic Conference, and the National Intramural Association, as well as numerous professional organizations related to its major programs.

Delaware Valley College offers baccalaureate programs in Agriculture (with designated degree programs in Agribusiness, Agronomy and Environmental Science, Animal Science, Animal Biotechnology and Conservation, Dairy Science, Food Science and Management, Horticulture, and Ornamental Horticulture and Environmental Design), English and Communications, Business Administration, Computer Information Systems Management, Criminal Justice Administration, Biology, Chemistry, Secondary Education, and Mathematics. The college can certify secondary school teachers in seven different areas of specialization. Associate of Science programs in Equine Studies, Information Technology & Management, Computer Programming, and Supervision, Administration, and Management are also offered by the college. Additionally, in cooperation with Middle Bucks Institute of Technology, the college offers an associate's degree and certificate in Culinary Arts and Technology.

Delaware Valley College currently provides a Master of Science Degree in Educational Leadership. This graduate program is primarily designed for practicing educators who want to become administrators or supervisors in the K-12 school system.

The Master of Business Administration (MBA) with an emphasis in Food and Agribusiness is especially designed to train professionals to manage in the increasingly complex food and agribusiness

industries. Students will study in the core areas of an MBA program including accounting, finance, management, marketing, and information systems. Specialty courses will focus on topics and issues related to the food and agribusiness industries.

In addition to its academic programs the college offers a wide range of extracurricular activities and affairs—including student publications, the Band, the Chorale, a full range of both intercollegiate and intramural athletic programs and both major-oriented and interest-focused student clubs. All of these elements of the college's program are aimed at the objective of developing an open-minded, career professional capable of expanding his or her horizons in a future of unlimited possibilities.

History

In 1896, Joseph Krauskopf, D.D., purchased a 100-acre farm, arranged for the construction of a small classroom building, employed a faculty of two, enrolled six students, and so founded The National Farm School. The National Farm School provided a three-year program combining academics and work experience that continued through World War II. Then, in 1945, the school was reorganized to strengthen its academic program, and it became The National Farm School and Junior College. Before its revamped three-year program had completed a full cycle, it was recognized that advances in the pure and applied sciences mandated further expansion of the program. In 1948 the senior college level was approved by the State Council of Education and the institution's name was changed to National Agricultural College.

The growth of the college and its programs following World War II, undertaken under the leadership of James Work, a 1913 graduate of The National Farm School, included the addition of new programs in Food Industry (1951), Biology and Chemistry (1958) and Business Administration (1965). To reflect these additions to its program the college's name was changed to Delaware Valley College of Science and Agriculture in 1960. The college has continued to enhance its program offerings, including a Bachelor of Arts Degree in English, the Bachelor of Science degrees in Mathematics, Criminal Justice Administration Secondary Education, Zoo Science, Equine Science and the Associate degree in Culinary Arts. To reflect its broadened educational program, in 1989 the Board of Trustees approved an abbreviation of the college's name to Delaware Valley College. In 1998, the college embarked on graduate education with its first Master of Science Degree in Educational Leadership.

Mission/Objectives

The mission of Delaware Valley College is to provide students with an opportunity to reach their highest potential and to acquire, in an intellectually stimulating environment, a quality education emphasizing hands-on experiential learning in agriculture, arts and sciences, business, and graduate studies. The college prepares students for meaningful personal and professional lives and leadership roles in service to the community, the state, the nation and the world by emphasizing scholarship with good citizenship, and appreciation of our cultural heritage and the importance and necessity of lifelong learning. Students are selected without regard to race, color, creed, ethnic origin, gender, age, disability, or economic status.

Goals

In recognition that a college education is an investment in the future, DelVal is committed to the following goals for all students:

- To develop a high level of competence for a career that is productive and fulfilling by balancing theoretical knowledge with rigorous application in professional practice;
- To communicate effectively in written and spoken language and to think critically;
- To provide a background in the liberal arts which will foster an appreciation of our cultural heritage;
- To provide a free intellectual atmosphere which will stimulate the examination and formulation of values;
- To develop the capacity to formulate new and creative solutions to technical and social problems;
- To develop aesthetic appreciation through the study of the work of major artists and through opportunities to participate in creative activities;
- To approach the natural world with respect, learn to manage it with skill, and value it as our environment;
- To ignite an enthusiasm for lifelong learning;
- To provide preparation and motivation for advanced studies;
- To broaden and enrich social experiences through full participation in the life of the campus community;
- To instill respect for and understanding of other cultures through study and social interaction;
- To prepare for participation and leadership in professional and civic life.

Programs

The uniqueness of the Delaware Valley College programs extends well beyond the subjects of its majors. First, there is the intensity of focus on the major itself. Professional courses typically encompass more than 40 credits at Delaware Valley College (the professional credit requirement for a major at many institutions is just 24 credits). All of those courses are taught—both lecture and laboratory or practicum—by professional instructors, most of whom are full-time members of the faculty and all of whom are devoted to the teaching profession.

That focus on professional studies is supported, on one hand, by a strong thrust in basic sciences (mathematics, biology, chemistry, etc.), and, on the other hand, by a set of unique courses designed specifically to familiarize the student with the technology utilized by career professionals in his or her major. It is here that Horticulture majors learn to prune fruit trees, Ornamental Horticulture and Environmental Design majors learn the art and the technique of transplanting, Dairy Science majors obtain the experience of full management responsibility for cows on the production line and Business majors learn to do case studies of Fortune 500 companies.

By virtue of a strong Core Curriculum (see page 17), each student also has an opportunity to expand his or her horizons through a carefully constructed set of subjects in the liberal arts that focuses both on communicative skills and on the accomplishments of individuals in the arts, humanities, and social sciences.

Finally, each program has built into it sufficient free electives to permit the student to tailor his or her program to meet specific career objectives. Also, a number of optional course tracks are available to enable the student to specialize in a particular direction.

A student may minor in any subject area outside his or her academic major (thus, for example, a student in Horticulture might elect to minor in Biology or in Business). A minor consists of a minimum of 15 elective credits in a discipline outside the student's major.

Courses in the minor are selected with the advice of the Chairperson or Director of the minor Department or Program. In addition to these disciplinary minors, interdisciplinary minors are offered in Plant Protection Management (see Horticulture) and in Turf and Grounds Management (see Ornamental Horticulture and Environmental Design and Agronomy and Environmental Science).

In several of the college's programs, designated majors and specializations are available. These are elective course tracks within the student's curriculum that enable the student to acquire additional depth of preparation in a sub-discipline. These specialized programs are available through many of the different academic departments. Please review the individual departmental sections later in this catalog for further information.

The college has long required that all of its graduates demonstrate competence in communications (both written and oral) and computation. In recognition of the increasing role of electronic technology in our society, the college has also adopted the requirement that all of its graduates demonstrate computer literacy as well. This may be accomplished by successfully completing the introductory computer courses, IT 1011 Information Technology Concepts and IT 1012 Computer Applications, or by passing a proficiency examination.

Campus

Delaware Valley College is located in central Bucks County, Pennsylvania, about 30 miles north of Philadelphia and 70 miles south of New York City. Bucks County is rich in historic tradition, having been settled under grants initially made by William Penn. Nearby New Hope and environs remain popular tourist attractions with their unique blend of historic and artistic attractions.

The college lies immediately outside of Doylestown, the county seat. Doylestown, too, is rich in historic attractions and its history-minded people have taken great pains to preserve those values in the community while at the same time successfully accommodating one of the fastest population growth rates in the country.

The campus is served by SEPTA R5 Rail Line (offering excellent commuter connections with Philadelphia, including a stop on campus) as well as bus service in Doylestown. Most of the campus proper lies on the 80 acres situated between the rail line and U.S. Route 202. The campus buildings, featuring an attractive neo-Georgian architectural theme, are arranged around a central green. Administrative offices are housed in the Admissions Center and in Lasker Hall on the east side of the campus. There, too, are the major classroom, laboratory, and faculty office facilities, housed in Allman Building, Mandell Science Building, and Feldman Agricultural

Building. On the opposite side of the green are several residence halls (Ulman Hall, Cooke Hall, Barness Hall, and Work Hall), Segal Hall (houses the college's Academic Services) and the college's two gymnasiums. Along the south side of the campus are the Feldstein Horticulture Building, the newly constructed Arthur Poley Greenhouse Complex, the Krauskopf Memorial Library, the Levin Dining Hall, Eisner Hall (the Media Center), and additional residence halls (Elson Hall, Wolfsohn Hall, Goldman Hall, Samuel Hall, and Berkowitz Hall). Finally, along the west side of the campus is the James Work Stadium, and the Student Center.

The teaching facilities are modern and well-equipped. All classrooms are equipped with data projectors and there are several computer labs on campus. The Samuel P. Mandell Science Building was constructed in 1966 and enlarged by over one-third in 1997. It houses biology and chemistry laboratories and instrument rooms, a physics laboratory, a food science laboratory and a food processing pilot plant as well as classrooms and faculty offices. A large addition to the Samuel P. Mandell Science Building has recently been completed. The Feldman Agriculture Building, built in 1972, houses the college's Computer Center, plant science and animal science laboratories, freshman biology and chemistry laboratories, and numerous classrooms and faculty offices.

The greenhouse-laboratory complex, initially constructed in 1974, is located behind the Library. The complex includes five individually climatized greenhouses connected by a common headhouse, a floral design laboratory (complete with student-operated florist shop), landscape design studio, faculty offices and the Poley Greenhouse addition. The horticultural programs of the college are also supported by the Henry Schmieder Arboretum, which is a member of the American Association of Botanical Gardens and Arboreta.

Central to the educational program of the college is the Joseph Krauskopf Memorial Library with a collection of more than 72,000 volumes of books and bound periodicals. Current subscriptions are held for over 700 periodicals, scholarly journals, and newspapers. The Library has an extensive collection of reference materials, which includes numerous electronic databases, which are linked to the library webpage. Reference librarians are available to give instruction in the use of resources needed to complete class assignments, to help locate information, and to plan research. Students can conduct on-line searches in the library, computer labs and residence hall rooms. Wireless technology has been introduced into the library and will be spread throughout the campus in the coming years.

Special collections include the college archives; a historical collection of books related to agriculture; seed, nursery, and equipment catalogs; a file of annual reports of businesses; and the personal library of the founder of the college. A vertical file contains pamphlets from the U.S. Department of Agriculture, state Agriculture Experiment Stations, and other sources. Computers are available for on-line searches. As a member of the Tri-State College Library Cooperative, the Library has flexible borrowing arrangements with the libraries of over thirty small local colleges.

The Media Center is located in Eisner Hall and provides students and faculty with the necessary resources and equipment to support their classroom needs. Students are assisted in producing their own

videocassettes, slides, overhead transparencies and graphic materials for classroom presentations.

Beyond the campus property lies the college's aggregate of farmlands and open space. Included here are some 225 acres in field crops grown mostly in support of our dairy and livestock operations. The Dairy Science and Biotechnology Center, constructed in 1989, features about 60 milking cows, with special focus on Holstein, Ayrshire, and Brown Swiss breeds. The Kenneth W. and Helen H. Gemmill Center for Animal Husbandry was constructed in 1980 and offers a complete facility for the management of livestock. At the livestock farm will typically be found about 40 beef cattle (both Herefords and Angus), 50 Suffolk and Dorset sheep, and 50 Yorkshire swine. The Sidney J. Markovitz horse facilities house a breeding herd of about 15 standardbred horses. The Equestrian Center houses approximately 40 horses also used in the college's Equine programs and features a large indoor arena. Finally, the agricultural operations also include about 60 acres of horticultural plantings, including production orchards of apples and peaches, demonstration orchards of other fruits and nuts, extensive small fruit plantings, and vegetable fields. The college also maintains a working apiary to support the beekeeping programs.

Students have opportunities to participate in the management and operation of all of these agricultural facilities. There are opportunities for students to participate in applied research projects utilizing these facilities as well. Current sponsored research projects being conducted by faculty members with student assistants include evaluation of a new pasture rotation strategy, effectiveness of various plant fertilizer and growth stimulant formulations, application of liquefied manure on agricultural lands, waste water reuse, and the impact of feed supplements and growth regulators on feed conversion in cattle, development of micropropagation methods of exotic tree fruits, tomato breeding trials, and the evaluation of chromatographic resins employed in biotechnical research.

Facilities

The educational facilities at Delaware Valley College include classrooms, well-equipped laboratories, an excellent library, greenhouses, a campus arboretum, more than 400 acres of agricultural land, a dairy farm, a livestock farm, equestrian center, and over 60 acres of horticultural crop plantings. And, it is all there for just one purpose: to support the educational growth of the college's students.

Beyond the educational facilities found at Delaware Valley College, learning opportunities are also available through the college's Roth Living Museum and Farm in Montgomery County.

The Alumni

Since its founding on February 27, 1910, the Alumni Association has been an active and positive force for the school and the college. Its members are located throughout the World and fill prominent positions in industry, education and government. Alumni have played a significant role in supporting Annual Giving, an Endowment fund, and providing Scholarships. Throughout the years, Alumni have given generously of their income and time to further the advancement of their Alma Mater. The various Alumni funds are sources of financial support that help to insure a sound future for the college. Additionally, the Alumni Association has made recent strides to improve their programming with the current students of DVC. Through their efforts the Alumni Association is helping to make students aware of the importance of the role each plays in the future of the College.

There are numerous facilities that stand as examples of the loyalty of our graduates. The Alumni have enthusiastically supported the construction of James Work Memorial Stadium, Alumni Field, remodeled Alumni House, Feldstein Horticulture Science Center, Agricultural Machinery Building, Arthur Poley Greenhouse Complex, and the Student Center. Many other contributions are of a material nature and indicate the feelings of the graduates.

All Alumni activities and meetings, such as class reunions, class agents, regional chapters, events, and Homecoming are coordinated by the college's Office of Alumni Relations.

The college publishes *Horizons* three times a year to keep Alumni informed of college developments and events.

During the year the Executive Committee of the Alumni Association meets to develop and discuss potential programs. All alumni are invited to participate on any standing committee of the Executive Committee. Once a year an annual business meeting is held for all alumni during Homecoming Weekend.

If you would like more information on how you can become involved please call the Alumni Relations at (215) 489-2917.

Officers of the Alumni Association

President: Raymond Cupples, Jr. '64

First Vice-President: Annette Capp '79

Second Vice-President: Norman Schorr '76

Representative to Board of Trustees: Leon Thompson '64

Recording Secretary: Joanne P. DaCunha '86

Treasurer: James E. Parsons '82

Past President: Raymond C. Funkhouser '72

Executive Secretary: Laura Soldano

Part Two

- Admissions
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Admissions

Admissions Requirements - General

Candidates for admission to the freshman class must be graduates of an approved secondary school or preparatory school or have earned their GED (Graduate Equivalent Diploma). Families involved in home study programs are urged to contact the Director of Admissions for further information. Criteria used when making an admission decision are the transcript of academic work, rank in class, the SAT or ACT, letters of recommendation, and a personal interview. Applicants for admission who have completed secondary school Advanced Standing Courses are encouraged to take the appropriate Advanced Placement Examinations administered by the College Entrance Examination Board. Students with an advanced placement grade of "3" or better will be excused from the appropriate introductory course and will receive credits for the course. In addition the college will grant academic credit for satisfactory performance on a number of specific subject examinations that are part of the College Level Examination Program (CLEP) and the Defense Activity for Nontraditional Education Support (DANTES) program, both of which are administered by the Educational Testing Service, Princeton, NJ 08541. The college is officially designated as a CLEP Testing Site. Details on the college's policy regarding CLEP may be obtained from the Mathematics Department 215-489-2465. The application for admission should be submitted as early as possible in the senior year, preferably by the end of the first marking period.

Admissions Procedures - Freshmen

1. Return completed application form enclosing \$35 check or money order as non-refundable application fee.
2. Submit official high school transcript, including current grades.
3. Have SAT or ACT scores sent to the Admissions Office. Our code numbers are SAT-2510 and ACT-3551.
4. A personal interview is recommended for all applicants. Arrangements may be made with the Admissions Office by phone or letter, 215-489-2211, or 800-2-DELVAL.
5. Admissions decisions are made on a rolling basis, continuing until full enrollment is reached. Early applications are encouraged.
6. Within thirty days after fulfillment of all requirements as stated above, the Admissions Committee will evaluate applicant credentials and will inform the applicant of its decision.