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The *University of Delaware Undergraduate Catalog* is made available to all undergraduate students regularly enrolled in degree and associate degree programs.

The University of Delaware reserves the right to make changes in the regulations, charges and curricula listed in this publication at any time without prior notice although efforts to publicize such changes will be made.

For prospective students and others interested, the *Catalog* may be purchased through the University Bookstore. Copies are also available for examination and study in high school guidance offices and libraries throughout Delaware, and in many high school guidance offices in other states. The University will be pleased to supply copies, without charge, to any high school guidance office upon request.



Don't forget!

The complete 1995-96 Undergraduate Catalog, as well as many other University documents, is now available on U-Discover! Consult it for fast reference to courses, curriculum, and other need-to-know information!



UNIVERSITY OF DELAWARE

1995-96 UNDERGRADUATE CATALOG

A MESSAGE TO STUDENTS

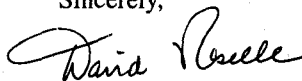
The University of Delaware has made a commitment to help you, as students, achieve your individual educational goals. Commitment is a word we hear a lot these days, but you may not have thought about it in terms of your higher education. Your decision on what college or university to attend is one of the major ones of your life. Your commitment to learning will take shape through your enthusiasm, your energy and your desire to know.

As in all healthy relationships, the University of Delaware's commitment to our students takes many forms. The University is dedicated to providing an open atmosphere of inquiry where individuals of all races, creeds and sexual orientations may conduct the quest for knowledge. Our distinguished faculty includes nationally respected scholars and scientists. Great efforts are made to ensure that our curricula include and put to use the latest in technological advances. Classroom and laboratory space has been refurbished and expanded. The University of Delaware Library features state-of-the-art technology, including an on-line catalog and circulation system and on-line access to hundreds of data bases.

Several steps have been taken to make the business of getting an education both more efficient and more pleasant. The Student Services Building provides "one-stop shopping" for many tasks. The facility, which has become a model for other institutions of higher learning, centralizes such operations as registration, fee payment, applying for financial aid, obtaining an ID card and purchasing a parking permit. Other innovations include a computerized student records system that allows students to review their schedules, transcripts and billing status from terminals throughout the campus, including residence hall rooms, and a new telephone system that makes it possible for them to complete course registration and check their grades at semester's end using a touchtone phone. In addition, a networking project in the University's residence halls has made it possible for students to have cable television in their rooms, as well as to connect personal computers to the campus network. All students also have voice mail service provided by the University.

Together, we share a commitment—to make the educational experience at the University of Delaware the best it can be. The University has a long and distinguished history, and we look to our students—and our soon-to-be alumni—to carry this tradition of excellence forward into the future.

Sincerely,



David P. Roselle
President

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SYNOPSIS OF BACCALAUREATE DEGREE PROGRAMS AND MAJORS

COLLEGE OF AGRICULTURAL SCIENCES	<i>Bachelor of Applied Sciences</i>	Agricultural Engineering Technology	Engineering Technology
	<i>Bachelor of Science in Agriculture</i>	Agricultural Business Management (includes Food Marketing) Agricultural Economics (includes Production and Management and Resource Economics and Rural Development) Agricultural Education Animal Science (includes Preveterinary Medicine, Agricultural Biotechnology, Applied Animal Science, and General Animal Science)	Entomology (includes General Entomology and Wildlife Conservation) Entomology/Plant Pathology Environmental Soil Science Food Science General Agriculture Plant Science (includes Agronomy, General Plant Science, Ornamental Horticulture, and Pathology)
COLLEGE OF ARTS AND SCIENCE	<i>Bachelor of Arts</i>	Anthropology Anthropology Education Art Art Conservation Art History Biological Sciences Biological Sciences Education Chemistry Chemistry Education Classics Education Communication (includes interpersonal/organizational, mass communication) Comparative Literature Computer and Information Sciences Criminal Justice Earth Science Education Economics Economics Education English (includes Business/Technical Writing, Film, and Journalism) English Education Foreign Languages and Literatures (includes Classics, Classical Studies, French Studies, German Studies, Italian Studies, Latin Studies, Russian Studies, Spanish Studies, Languages: Three Languages, Four Languages) French Education French/Political Science Geography Geography Education Geology (includes Paleobiology) German Education German/Political Science	History (includes American History, European History, Global History, Journalism, Policy History) History Education History/Classics History/French History/German History/Russian History/Spanish International Relations Italian Education Latin American Studies Latin Education Mathematical Sciences Mathematics Education Music Philosophy Physics Physics Education Political Science Political Science Education Psychology Psychology Education Russian Education Sociology (includes Pregraduate Work, Social Welfare, Applied Urban Studies, Health Service, Law and Society, and Data Analysis) Sociology Education Spanish Education Spanish/Political Science Theatre Production Women's Studies
	<i>Bachelor of Arts in Liberal Studies</i>	Liberal Studies	
	<i>Bachelor of Fine Arts</i>	Fine Arts, Visual Communications	
	<i>Bachelor of Music</i>	Applied Music—Instrumental (includes Bassoon, Clarinet, Double Bass, Early Instrumental Music, Euphonium, Flute, Guitar, Harpsichord, Horn, Oboe, Percussion, Saxophone, Trombone, Trumpet, Violin, Violoncello, Viola) Applied Music—Piano Applied Music—Voice Music Theory/Composition	Music Education—Instrumental (includes Bassoon, Clarinet, Double Bass, Euphonium, Flute, Guitar, Horn, Oboe, Percussion, Piano, Saxophone, Trombone, Trumpet, Tuba, Violin, Violoncello, Viola) Music Education—General/Choral (includes Piano, Voice)
	<i>Bachelor of Science</i>	Biochemistry Biological Sciences (Biotechnology) Chemistry (includes environmental studies) Computer and Information Sciences Environmental Science Geology Geophysics Mathematical Sciences (includes	Mathematics of Computation, Mathematics of Management Sciences and Operations Research, Mathematical Physics/Applied Mathematics) Physics (includes Astronomy, Chemical Physics and Applied Physics) Statistics

SYNOPSIS OF BACCALAUREATE DEGREE PROGRAMS AND MAJORS (continued)

COLLEGE OF BUSINESS AND ECONOMICS	<i>Bachelor of Arts</i>	Economics
	<i>Bachelor of Science</i>	Economics
	<i>Bachelor of Science in Accounting</i>	Accounting
	<i>Bachelor of Science in Business Administration</i>	Business Administration (includes Management, Finance, Marketing, and Operations Management)
COLLEGE OF EDUCATION	<i>Bachelor of Arts in Educational Studies</i>	Educational Studies
	<i>Bachelor of Science in Education</i>	Elementary Teacher Education (includes Special Education)
COLLEGE OF ENGINEERING	<i>Bachelor of Chemical Engineering</i>	Chemical Engineering
	<i>Bachelor of Civil Engineering</i>	Civil Engineering
	<i>Bachelor of Electrical Engineering</i>	Electrical Engineering
	<i>Bachelor of Environmental Engineering</i>	Environmental Engineering
	<i>Bachelor of Mechanical Engineering</i>	Mechanical Engineering
COLLEGE OF HUMAN RESOURCES	<i>Bachelor of Science in Human Resources</i>	<p>Apparel Design Applied Nutrition Consumer Economics Dietetics Early Childhood Development and Education Family and Community Services Hotel, Restaurant and Institutional Management</p> <p>Human Development and Family Processes Interdisciplinary Studies in Human Resources Nutritional Sciences Textiles and Clothing: Merchandising</p>
COLLEGE OF NURSING	<i>Bachelor of Science in Nursing</i>	<p>Medical Technology Nursing</p> <p>Baccalaureate for Registered Nurses (BRN)</p>
COLLEGE OF PHYSICAL EDUCATION, ATHLETICS AND RECREATION	<i>Bachelor of Science in Physical Education and Health Education</i>	Physical Education and Health Education
	<i>Bachelor of Science in Physical Education Studies</i>	Physical Education Studies (includes Fitness Management and Figure Skating Science)
	<i>Bachelor of Science in Recreation and Park Administration</i>	Recreation and Park Administration (includes Programming and Leadership, and Parks)
	<i>Bachelor of Science in Athletic Training</i>	Athletic Training

SYNOPSIS OF MINORS

	Minor	Adviser - Location
COLLEGE OF AGRICULTURAL SCIENCES	Agricultural Business Management/	Steven E. Hastings - 229 Townsend
	Agricultural Economics	John K. Rosenberger - 40A Townsend
	Animal Science	Roland R. Roth - 244 Townsend
	Entomology	Robert Keown - 234 Alison
	Food Science	
COLLEGE OF ARTS AND SCIENCE	African Studies	Wunyabari Maloba - 316 Ewing
	Anthropology	Kenneth Ackerman - 310 Ewing
	Art	Martha Carothers - 103 Recitation Hall
	Art History	John Crawford - 319 Old College
	Biology	Malcolm Taylor - 117A Wolf
	Black American Studies	Carole C. Marks - 417 Ewing
	Chemistry	John Burmeister - 102 Brown Lab
	Cognitive Science	William Frawley - 46 E Delaware Ave., rm. 101
	Comparative Literature	Nicholas P. Gross - 439 Smith
	Computer Science	David Saunders - 456 Smith
	East Asian Studies	David Pong - 401A Ewing
	English	Renee Fisher - 126 Memorial
	Foreign Languages:	
	Classics	Nicolas P. Gross - 439 Smith
	French	Bonnie Robb - 426 Smith
	French Studies	Bonnie Robb - 426 Smith
	German	Elizabeth Thibault - 413 Academy
	German Studies	Elizabeth Thibault - 413 Academy
	Italian	Milda Palubinskas - 431 Smith
	Japanese	Mark Miller - 443 Smith
	Russian	Susan Amert - 440 Smith
	Spanish	David Stixrude - 414 Smith
	Spanish Studies	David Stixrude - 414 Smith
	Geography	John Mather - 229 Pearson
	Geology	Billy Glass - 101 Penny Hall
	History	David F. Allmendinger - 435 Ewing
	Irish Studies	Bonnie Scott - 204 Memorial
	Jewish Studies	Sara Horowitz - 231 South College Ave.
	Latin American Studies	Juan Villamarin - 113 Ewing
	Legal Studies	Jack Carter - 104B Purnell
	Linguistics	William Frawley - 46 E. Delaware Ave., rm. 103
	Mathematics	David J. Hallenbeck - 520 Ewing
	Medical Humanities	Ronald Martin - 134A Memorial
	Medieval Studies	Daniel Callahan - 427 Ewing
	Music:	
	Applied Music (includes Bassoon, Clarinet, Double Bass, Euphonium, Flute, Guitar, Horn, Oboe, Organ, Percussion, Piano, Saxophone, Trombone, Trumpet, Tuba, Violin, Violoncello, Voice, Viola)	Lloyd Shorter - 209 Amy du Pont Music Bldg.
	Jazz Studies	D. J. Hildebrandt - 134 Amy du Pont Music Bldg.
	Musical Studies	Lloyd Shorter - 209 Amy du Pont Music Bldg.
	Philosophy	Paul Tidman - 24 Kent Way
	Physics	Maurice V. Barnhill - 264 Sharp Lab
	Political Science	William Meyer - 402 Smith
	Psychology	Lawrence Cohen - 204 Wolf
	Public Administration	Theodore J. Davis, Jr. - 347 Smith
	Religious Studies	Alan D. Fox - 15 Kent Way, rm. 204
	Sociology	Jeffrey L. Davidson - 25 Amstel Ave.
	Statistics	David J. Hallenbeck - 520 Ewing
	Theatre	Joann Browning - 208 Mitchell
	Women's Studies	K. S. Conway-Turner & Jessica Shiffman - 333 Smith
COLLEGE OF BUSINESS AND ECONOMICS	Business Administration	Sandra M. Fields - 333A Purnell
	Economics	Eleanor Craig - 412 Purnell
	International Business	Sandra M. Fields - 333A Purnell
	Management Information/Decision Support Systems	Jeff Gillespie - 218 Purnell
COLLEGE OF EDUCATION	Educational Studies	James Earl Davis - 213C Willard Hall Ed Bldg
COLLEGE OF ENGINEERING	Civil Engineering	David Teeter - 306 Evans
COLLEGE OF HUMAN RESOURCES	Nutrition	Carolyn K. Manning - 306 Alison
COLLEGE OF PHYSICAL EDUCATION, ATHLETICS AND RECREATION	Coaching Science	Loren E. Kline - 120 Delaware Field House



UNIVERSITY CALENDAR*

FALL SEMESTER 1995-96

Saturday, August 26

Residence halls check-in for new students: 8:00 a.m. to 4:00 p.m.

Fall New Student Orientation and Advisement begin.

Sunday, August 27

Residence halls check-in for returning students: 12:00 noon to 9:00 p.m.

Monday, August 28

New Student Convocation.

Tuesday, August 29

Late Registration, and Change of Registration begin.

Wednesday, August 30

Classes begin at 8:00 a.m.

Thursday, August 31

Deadline for admission to doctoral candidacy for degrees to be conferred in December 1995.

Monday, September 4

Labor Day Holiday, offices closed; classes suspended.

Wednesday, September 13

Last day to register or to add courses. After this date, tuition and a one-time \$15 processing fee will be charged for change of registration; students withdrawing from courses will receive a grade of "W" on permanent record.

Deadline for undergraduate students for completion of deferred examinations and incomplete work (grade I) from spring semester 1994-95 and 1995 Summer Sessions.

Friday, September 15

Deadline for filing application for graduate degrees to be conferred in December 1995.

Sunday, September 24

Rosh Hashanah begins at sundown; continues next two days – See policy in Faculty Handbook on excused absence.

Friday, October 3

Yom Kippur begins at sundown; continues following day – See policy in Faculty Handbook on excused absence.

Wednesday, October 11

Deadline for graduate students for completion of deferred examinations and incomplete work (grade I) from spring semester 1995 and 1995 Summer Sessions.

Last day to change registration or to withdraw from courses without academic penalty, *except first semester freshman students*. (see Oct. 25)

Friday, October 13

Freshman midterm marking period ends.

Monday, October 16

Registration begins for Winter Session.

Monday, October 23

Fall Break, classes suspended.

Wednesday, October 25

Last day for *first semester freshman students* to change registration or to withdraw from courses without academic penalty.

Monday, November 6

Deadline for receipt of doctoral dissertations and executive position papers for degrees to be conferred in December 1995.

*The University reserves the right to change the University Calendar if it is deemed advisable. Advance notice of any change is given whenever possible.

Monday, November 13

Deadline for receipt of master's theses for degrees to be conferred in December 1995.

Tuesday, November 14

Undergraduate admission application deadline for freshmen and transfer students entering Spring Semester, 1996.

Thursday, November 16

Registration for Spring Semester begins.

Wednesday, November 22

Thanksgiving recess begins at 5:00 p.m. Classes starting at or after 5:00 p.m. will not meet.
Residence halls close at 7:00 p.m.

Thursday, November 23

Thanksgiving Day. University offices closed. No classes meet.

Friday, November 24

Holiday. University offices closed. No classes meet.

Sunday, November 26

Residence halls open at 2:00 p.m.

Monday, November 27

Classes resume following Thanksgiving recess.

Friday, December 1

Deadline for graduate admission applications for Spring Semester 1996.

Friday, December 8

Last day of classes; classes end at 10:00 p.m.

Saturday-Monday, December 9, 10, 11

Reading days (no examinations scheduled).

Tuesday, December 12

Final examinations begin.
Grades due in Registrar's Office 72 hours after scheduled examination or last class meeting when no final examination is given.

Tuesday, December 19

Final examinations end.
Residence halls close at 10:00 p.m.

Saturday, January 6

January Commencement.

1996 WINTER SESSION

Monday, October 16

Registration for Winter Session begins.

Monday, November 20

Late registration and change of registration begin via UDPHONE.

Monday, December 4

Fee payment deadline for Winter Session.

Monday, January 1

Residence halls check-in: 2:00 p.m. to 9:00 p.m.

Tuesday, January 2

Classes begin at 8:00 a.m.

Friday, January 5

Last day to register or to add courses. After this date, tuition and a one-time \$15 processing fee will be charged for change of registration; students withdrawing from courses will receive a grade of "W" on permanent record.

Monday, January 15

Martin Luther King Day. University offices closed. No classes meet.

Tuesday, January 16

Deadline for graduate admission recommendations from departments for Spring Semester 1996.

Wednesday, January 17

Last day to change registration or to withdraw from courses without academic penalty.

Friday, February 2

Last day of classes.

Saturday, February 3

Final examinations.
Grades due in Registrar's Office 72 hours after scheduled examination or last class meeting when no final examination is given.

SPRING SEMESTER 1995-96

Wednesday, November 15

Undergraduate admission application deadline for freshmen and transfer students entering Spring Semester, 1996.
Applications received after this date will be reviewed on a space available basis.

Thursday, November 16

Registration for Spring Semester 1995-96 begins.

Friday, December 1

Graduate admission application deadline for Spring Semester, 1996.

Monday, January 1

Undergraduate readmission application deadline for Spring Semester, 1996.

Monday, January 8

Fee payment deadline for Spring Semester, 1996.

Tuesday, January 16

Deadline for graduate admission recommendations for Spring Semester, 1996.

Wednesday, January 17

New Student Orientation Phase I begins.

Thursday, January 18

New Student Orientation Phase I ends.

Monday, January 22

Late registration and change of registration for advance registered students begins via UDPHONE.

Wednesday, January 31

Deadline for admission to doctoral candidacy for degrees to be conferred in May 1996.

Sunday, February 4

Residence halls check-in 2:00 p.m. to 9:00 p.m.
New Student Orientation Phase II.

Monday, February 5

Classes begin at 8:00 a.m.

Thursday, February 15

Deadline for filing application for graduate degrees to be conferred in May 1996.

Friday, February 16

Last day to register or to add courses. After this date, tuition and a one-time \$15 processing fee will be charged for change of registration; students withdrawing from courses will receive a grade of "W" on permanent record.

Deadline for undergraduate students for completion of deferred examinations and incomplete work (grade I) from Fall Semester 1995-96 and 1996 Winter Session.

Friday, March 1

Undergraduate admission application deadline for freshmen and transfer students entering Fall Semester 1996-97.

Friday, March 15

Last day to change registration or to withdraw from classes without academic penalty, *except for first semester freshman students* (See April 5).

Friday, March 15

Deadline for graduate students for completion of deferred examinations and incomplete work (grade I) from Fall Semester 1995-96 and 1996 Winter Session.

Friday, March 22

Spring recess begins at end of classes. Residence halls close at 7:00 p.m.
Freshman midterm marking period ends.

Sunday, March 31

Residence halls open at 2:00 p.m.

Monday, April 1

Classes resume at 8:00 a.m. following spring recess.
Deadline for graduate admission applications for admission in June 1996.

Wednesday, April 3

Passover begins – See Policy in Faculty Handbook regarding excused absence from classes.

Friday, April 5

Last day for *first semester freshman students* to change registration or to withdraw from courses without academic penalty.
Good Friday. See policy in Faculty Handbook regarding excused absences from classes.

Monday, April 15

Deadline for receipt of doctoral dissertations and executive position papers for degrees to be conferred in May 1996.

Monday, April 22

Deadline for receipt of master's theses for degrees to be conferred in May 1996.
Registration for Fall Semester 1996-97 begins.

Tuesday, April 30

Deadline for admission to doctoral candidacy for degrees to be conferred in August 1996.

Friday, May 3

Honors Day. Modified class schedule.

Wednesday, May 8

Registration for 1996 Summer Sessions begins.

Wednesday, May 15

Deadline for filing application for graduate degrees to be conferred in August 1996.

Last day of classes; classes end at 10:00 p.m.

Thursday, May 16

Reading Day; no examinations scheduled.

Friday, May 17

Final examinations begin.

Grades due in Registrar's Office 72 hours after scheduled examination or last class meeting when no final examination is given.

Saturday, May 18

Reading Day; no examinations scheduled.

Sunday, May 19

Reading Day; no examinations scheduled.

Friday, May 24

Final examinations end.

Residence halls close at 10:00 p.m. for nongraduates.

Saturday, May 25

Commencement.

Residence halls close at 5:00 p.m. for graduates.

Monday, May 27

Memorial Day. University offices closed.



THE UNIVERSITY

- **History**
- **Mission**
- **Organization of Academic Programs**
- **The Faculty**
- **The Student Body**
- **Research**
- **Academic Year**
- **Alumni and University Relations**

The 1995-96 academic year marks the University of Delaware's 252nd year as an educational institution. A private university with public support, the University is a land-grant, sea-grant, and space-grant institution. Its main campus is located in Newark, Delaware, a suburban community of 30,000 situated midway between Philadelphia and Baltimore. Courses are also offered at the University's Wilmington campus and at other locations throughout the State, including Dover, Milford, Georgetown, and Lewes. The University has been fully accredited by the Middle States Association of Colleges and Secondary Schools since 1921. Professional accreditation is held in Accounting, Agricultural Engineering/Engineering Technology, Athletic Training, Business Administration, Chemistry, Clinical Psychology, Dietetics, Education, Engineering, Medical Technology, Music, Physical Therapy, and Nursing.

HISTORY

The history of the University began in 1743 when the colonial scholar and Presbyterian clergyman Dr. Francis Alison opened a school at his home in New London, Pennsylvania. By 1765, the school had been moved to Newark, where it received a charter as the Academy of Newark in 1769. The Academy was closed for several years during the Revolutionary War but reopened at the war's end. In 1833, the State of Delaware provided a charter for the construction of a college in conjunction with the Academy. New Ark College opened as a degree-granting institution in 1834, located in the building now called Old College. The institution was renamed Delaware College in 1843 and then closed in 1859 due to financial problems and the impending Civil War. It was reopened in 1870 with funds provided by the Morrill Land-Grant College Act of 1862. The Women's College was opened in 1914, and in 1921 the two coordinate colleges were given the title of University of Delaware. The Women's College was abolished in 1945 when coeducation, adopted as a temporary expedient during World War II, was made a permanent policy.

MISSION

The central mission of the University of Delaware is to cultivate both learning and the free exchange of ideas. To this end, the University provides excellent undergraduate and graduate courses of study in a variety of disciplines. Our graduates should know how to reason critically and independently yet collaborate productively. They should understand the cultural and physical world, communicate clearly in writing and speech, and develop into informed citizens and leaders. The University faculty has a strong tradition of distinguished scholarship, research and teaching, which is grounded in a commitment to increasing scientific, humanistic, artistic and social knowledge for the enrichment of the larger society. A State-assisted, privately-governed institution, the University of Delaware was founded as a private academy in 1743, received its collegiate charter from the State in 1833 and was designated one of the Nation's historic land-grant colleges in 1867. The University works cooperatively with the area's unique cultural and technical institutions; it provides the finest library in the State and offers the region's people a rich array of public lectures, exhibitions, performances, service programs and athletic competitions. The University strives for an atmosphere in which all people feel welcome to learn, embracing creativity, critical thinking and free inquiry, and respecting the views and values of an increasingly diverse population.

Statement of Responsibility. The University of Delaware community values both personal and academic freedom. All members of the campus community have the personal responsibility to promote an atmosphere of civility in which the free exchange of ideas and opinions can flourish. We do so by learning from individual and collective differences and respecting every human being.

Goals for Undergraduate Education. The University reaffirms its historic mission to provide the highest quality education for its undergraduate students. The faculty are responsible for helping students learn to reason critically and independently, gain knowledge of

the diverse culture and environment in which they live, and develop into well-informed citizens and leaders. To accomplish these goals, the University provides a learning setting enriched by undergraduate student research, experiential learning, and study-abroad programs. The University places high priority on the education of qualified Delaware residents and provides opportunity for a diverse group of citizens to participate in postsecondary education. Since the University is located in a state with a small population, providing programs of quality and variety requires a community of student-scholars that reaches beyond the boundaries of the state and that reflects the nation's racial and cultural diversity.

The Commission to Promote Racial and Cultural Diversity. The University is committed to creating an educational community that is intellectually, culturally, and socially diverse, enriched by the contributions and full participation of people from different backgrounds. Toward that end, the University seeks to increase the racial and cultural diversity of its student body, faculty, and staff, to create a climate that encourages all members of the University community to respect and appreciate individual and cultural differences, to promote equity for people of different backgrounds in all areas of University life, to develop organizational practices that involve the participation of diverse groups, and to enhance the curriculum by including the perspectives of different races, cultures, and genders. The Commission to Promote Racial and Cultural Diversity guides the University in carrying out these goals. Members of the Commission are appointed by the President.

The Commission on the Status of Women. The University is committed to achieving equity for women and to responding to their concerns in all University endeavors. The twenty-four member Commission on the Status of Women, which reports to the President of the University, consists of faculty, professional and salaried staff, and students. The Commission identifies problem areas, makes recommendations for change, and works closely with the Office of Women's Affairs and other units. Recommendations have been implemented in the areas of safety; sexual assault; sexual harassment; sexism in the classroom; salary equity; child care; and recruitment, promotion, and retention of women. The Commission also initiates programs on women's issues, including changing roles of men and women, career development, and personal safety, and assists in implementing these programs.

ORGANIZATION OF ACADEMIC PROGRAMS

Academic degree programs are administered by ten colleges at the University. Eight of the colleges (Agricultural Sciences; Arts and Science; Business and Economics; Education; Engineering; Human Resources; Nursing; Physical Education, Athletics, and Recreation) offer both undergraduate and graduate degrees. The remaining two colleges (Marine Studies; Urban Affairs and Public Policy) offer only graduate degrees. A complete list of undergraduate degree programs is presented on pages vi-vii of this catalog.

Credits toward University degrees may be earned through the Parallel Program, a partnership between the University of Delaware and Delaware Technical & Community College. The Parallel Program has campuses in Wilmington, Dover, and Georgetown. Courses for part-time students are offered throughout the state by the Division of Continuing Education.

THE FACULTY

The University faculty is dedicated to academic excellence. Eighty percent of its more than 900 members hold the doctoral or terminal degree in their field. They hold office in national and international professional associations, serve on editorial boards of scholarly journals, and accept lectureship invitations at institutions both here and

abroad. It is not unusual, in any given year, for members of the faculty to receive such honors as Guggenheim fellowships, Alexander von Humboldt-Stiftung awards, and Fulbright fellowships.

Quality teaching is the primary responsibility of the faculty. Many members of the faculty, including distinguished professors, teach freshman courses, insuring that students have early contact with eminent scholars. Improvement of the quality of teaching is a high priority at the University. The University's Center for Teaching Effectiveness annually awards grants to faculty members who present proposals for significant improvements in instruction. The Center provides faculty teaching workshops and consultation in order to develop the highest quality of teaching at the University.

Many faculty members obtain research grants from such external sponsors as government, industry, and private foundations, or from University-related sources. The University's Center for Advanced Study, established in 1979, affords senior professors the opportunity to work full time on research or improvement of instruction for a semester or an academic year.

THE STUDENT BODY

The student is at the heart of the University's academic programs. In fall 1994, 21,585 students were enrolled including 15,534 undergraduate students, 3,210 graduate students, and 2,841 students enrolled in credit courses offered through the Division of Continuing Education. Of the undergraduate total, 664 were enrolled in the University Parallel Program at Delaware Technical & Community College in Dover, Georgetown, and Wilmington. Currently, about 58% of each entering class of undergraduates is from out of state.

Entering 1994 freshmen typically ranked in the top quarter of their high school graduating classes. Their average SAT verbal and mathematics scores were well above the national average for college-bound students.

In fall 1994, the University offered 114 undergraduate majors with a wide variety of concentrations. The average class size for undergraduates was 32 students, and the student-to-faculty ratio was 15 to 1. The presence of able graduate students contributes greatly to the development of the undergraduate program by providing educational models for those students who aspire to pursue an advanced degree. Graduate programs of quality are indispensable to the development of excellence at every level of teaching and research.

RESEARCH

The University conducts a wide variety of research, both basic and applied. Close cooperation with research centers and institutes on campus, with various industries and major national laboratories, and with neighboring museums permits access to many kinds of facilities for advanced study and research. Research funding is provided by federal grants, state and industrial contracts, foundation grants, University funds, and other sources. The Delaware Research Partnership uses state funds to attract matching grants from industry in support of University research that has the potential to enhance economic development in the state. The University of Delaware Research Foundation (UDRF), a nonprofit foundation chartered in 1955 to support research at the University, awards grants in science and engineering to young faculty investigating new and promising ideas.

Research has long been an important University activity, but traditionally it has been limited to faculty members and graduate students. Since 1980, undergraduate students have had increasing opportunities to do research through apprenticeships with University faculty researchers in the Undergraduate Research Program, in independent-study projects, and for the Honors Degree or Degree with Distinction thesis. Information on all aspects of undergraduate research may be obtained from the Undergraduate Research Office in the University Honors Program.

ACADEMIC YEAR

The University follows a semester plan. The fall semester begins in early September and ends in mid-December. The spring semester begins in early February and ends in late May. In addition, a 5-week winter session is held in January, and summer sessions offering 5- and 7 1/2-week classes are held June through August. Winter and summer sessions allow students to pursue regular academic credit in day or evening classes. During the 5-week winter session, students may participate in off-campus field experiences, special projects for credit, and a number of non-credit activities.

The University offers classes from 7:00 a.m. to 10:00 p.m. No distinction is made between "day" and "night" students since regular courses are offered throughout this 15-hour period. During preregistration for courses, students may indicate their preferred times for specific sections, but in cases where the number of sections is limited, preferences may not be granted.

ALUMNI AND UNIVERSITY RELATIONS

The Office of Alumni and University Relations, under the supervision of the Vice President for Development and Alumni Relations and with direct responsibilities to the President, conducts programs and activities for diverse constituencies of the University community and its alumni. The office serves as a liaison between the University of Delaware and the Alumni Association Board of

Directors, who represent the world-wide alumni body of more than 86,000 living alumni.

The Office coordinates such major events as Homecoming, Alumni Wall of Fame, Presidential Citation for Outstanding Achievement, Alumni Spring Reunion, Winter and Spring Commencements, Founders Day, University by the Sea Summer Arts Festival, University Performing Arts Series, New Student Convocation (with Admissions Office), Honors Day, Recent Graduates Day, Legacy Day (with Admissions Office), University building dedications and ground-breakings, University awards ceremonies (Medal of Merit and Medal of Distinction programs), and Honorary degree presentations, and it assists with arrangements for class reunions, special interest reunions, and alumni chapter events of the over twenty-five regional chapters throughout the country. It also conducts a travel program specifically targeted for alumni of the university.

In cooperation with Career Planning and Placement, the Office sponsors Alumni Career Employment Services (ACES), which offers a jobs hotline, counseling and other services to job-hunting alumni.

In addition to the University Alumni Association, there are satellite alumni associations in the Colleges of Agricultural Sciences, Business and Economics, Education, Engineering, Human Resources, Nursing, and Urban Affairs and Public Policy. The Black Alumni Organization offers programming especially oriented to Black alumni and assists in recruiting and counseling Black undergraduates.

Through the Volunteer Admissions Support Team (VAST), coordinated by the Office of Admissions, alumni throughout the country help recruit outstanding students.



UNDERGRADUATE ADMISSIONS

- **Admission Guidelines for Freshmen**
- **Early Decision Admission**
- **Honors Program Admission**
- **Admission for Foreign Students**
- **Transfer Applicants**
- **Application Deadlines**
- **Personal and Family Medical History Form**
- **Advanced Placement Program**
- **New Student Orientation**
- **Admission and Readmission to a Specific Semester or Term**
- **Readmission through Academic Renewal**
- **Residence Requirement**
- **Associate Degree Programs**
- **Interinstitutional Degree Programs**

Students apply to one of the eight undergraduate colleges and to one of four campuses (see Parallel Program in Special Programs section) and usually designate a major field of study. The College of Arts and Science permits students to enter with an undeclared major status. Admission requirements may vary among colleges or departments. Some fields may require evidence of special skills; for example, the Music Department may require prospective students to perform an audition and take a music test. A ceiling on enrollment in some programs makes acceptance more competitive.

In selecting prospective students, the Admissions Committee considers an applicant's total credentials: depth and rigor of the college preparatory program, grades earned in specific courses (particularly those related to an applicant's proposed field of study), overall grade index, class rank, and test scores. Evidence of special talents and abilities, recommendations from counselors and teachers, leadership qualities, and attainment of recognition in extracurricular and community activities can also contribute to a favorable decision. Admission will not be guaranteed, either to a college or a major, on the basis of specific class rank, test scores, or pattern of high school subjects.

The University is committed to the principle of equal opportunity in education and seeks a diverse student body. It recognizes that, under special circumstances, applicants who have the potential for success at the University may not meet all the requirements set forth in this document. Therefore, particular attention will be given to foreign students, handicapped students, and veterans and to students who have been out of school for several years or whose secondary education, family income level, or background have prevented them from meeting all the requirements for admission. Applicants denied

admission may apply for reconsideration. Residents of Delaware whose academic credentials at first do not support admission to the University may qualify after satisfactorily completing courses through the Division of Continuing Education. Students should consult an admissions officer about this option.

It is understood that students may desire to change majors during their undergraduate experience. Because available spaces in each college are fully allocated at the beginning of each semester, new students (freshmen and transfers) must remain in the college to which they were admitted for at least one semester. As spaces become available, students may apply for transfer to a major within another college. The transfer must be approved by the chair of the receiving department and by the dean of the college that houses that department. Students who wish to change their major should contact the department in which they are interested to obtain information on its change-of-major procedures and requirements.

Final acceptance to some degree programs depends on a student's achievement in the freshman and sophomore years. These programs include education, medical technology, visual communication, communication, criminal justice, liberal studies, athletic training, the program leading to a Bachelor of Fine Arts, and the program in engineering in which students concurrently complete requirements for a bachelor's and master's degree.

The University is eager to assist the increasing number of mature adults who are applying to college to attain an undergraduate degree, to expand career opportunities, or simply to become part of an exciting intellectual environment. The needs of many of these adults are met through the **Division of Continuing Education**. Delaware residents 60 years of age or older who apply and are admit-

ted to a graduate or undergraduate program may attend classes on a space available basis without payment of the application, course, registration, or other related fees. Persons enrolled in this program are required to pay the cost of books, supplies, laboratory, and shop fees.

ADMISSION GUIDELINES FOR FRESHMEN

1. Applicants to the University must be graduates of accredited secondary schools or have equivalent credentials.
2. Applicants should have graduated in the upper half of their high school classes, preferably in the uppermost percentiles.
3. Applicants are required to submit Scholastic Aptitude Test (SAT) scores. For placement and advisement purposes, applicants are encouraged to submit scores on either the CEEB Achievement Tests or Advanced Placement Tests in their areas of interest.
4. Applicants should have a firm grasp of the basic academic skills of reading, writing, mathematics, sciences, and foreign languages and a strong commitment to academic achievement and learning. While in some cases alternate forms of evidence of ability and seriousness of academic purpose may be appropriate, the most easily interpreted evidence is a strong high school record with a wide range of courses that must include post-eighth grade course work as follows:
 - a) four years of college preparatory English, including courses with extensive writing components
 - b) two years of college preparatory mathematics (more than two years is recommended for study in nursing, biology, chemistry, and textile technology; for study in business and economics, engineering, mathematics, physics, computer science, nutritional sciences, and food science, four years including trigonometry, precalculus or calculus is strongly recommended)
 - c) two years of science, including one year of a laboratory science (for study in the sciences or in related fields such as nursing, nutritional sciences, food science, or engineering, four years of science is strongly recommended and should include a physics course)
 - d) three years of social sciences, which must include two years of history, one of which should be world history.
 - e) two years of study in the same foreign language (four years of study in the same foreign language is strongly recommended) Candidates for the Bachelor of Arts degree and many Bachelor of Science degrees must demonstrate intermediate-level proficiency in a foreign language. There are two ways in which this requirement can be met:
 - 1) Completion of the intermediate level course (107 or 112) in a given language.
 - 2) Students with four or more years of high school work in a single foreign language may attempt to fulfill the requirement in that language by taking an exemption examination.
 - f) three years of academic electives in fields such as English, mathematics, foreign languages, history and social sciences, or science. Electives do not include, for example, sports activities or driver education. The University urges high school students to take as many mathematics and foreign language courses as possible, with special attention to the selection of those courses in the senior year.

EARLY DECISION ADMISSION

The University of Delaware's Early Decision Plan serves freshman applicants who have completed a careful college search and have concluded that Delaware is their first choice. The application dead-

line for Early Decision is November 15. Students will be notified of the decision by December 15. In addition to being reviewed by the Admissions Committee, the student's application will be reviewed by the Scholarship Committee to determine if the student qualifies for one of the Early Decision Academic Scholarships.

Early Decision is competitive and students who are admitted through this process are generally among the best students in the applicant pool. Early Decision applicants may be offered admission, denied admission, or returned to the regular applicant pool for further consideration. Early Decision Admission is a binding commitment. If the student is offered Early Admission the student agrees that he/she will withdraw all other college applications and submit the admission deposit and (if applicable) housing deposit to the University of Delaware by January 15. The Early Decision applicant is sent a form that allows the University to estimate the student's financial need. Should the student demonstrate financial need that the University is not able to meet through a combination of loans and/or grants and Federal Work Study, then the student will be released from the Early Decision Agreement.

HONORS PROGRAM ADMISSION

Students are admitted into the University Honors Program (see Special Programs section) by special application and may select any academic major on campus. Although there are no rigid test score or grade point cutoffs, certain levels of achievement are typical of students who gain admission. Most freshman honors students are in the top five percent of their high school graduating class, and nearly all are in the top ten percent. The Program enrolls approximately 300 freshmen each year. Last year, the middle 50% of the Honors freshman class had high school grade point averages that fell between a 3.55 and 3.97 (on a 4-point scale) and Scholastic Assessment Test scores that fell between 1180-1330. The Honors Program also welcomes applications from sophomore and junior level transfer students. For more information about the Honors Program call (302) 831-1128.

ADMISSION FOR FOREIGN STUDENTS

Foreign students attending the University of Delaware represent 100 countries. Typically, there are approximately 350 international students enrolled in the undergraduate colleges and 700 in graduate studies. A Foreign Student and Scholar Adviser (see Student Support Programs) assists these students in adapting to their new environment and to the American educational system. English tutoring, orientation seminars, "homes away from home," educational field trips and participation in community activities are included in the program for foreign students.

In addition to meeting the other requirements for admission, the student for whom English is not a native language is required to demonstrate proficiency in the English language by submitting the results of the Test of English as a Foreign Language (TOEFL). Some students may be encouraged to enroll in the University of Delaware English Language Institute (see Student Support Programs), or in another language institute in the United States, prior to beginning studies at the University. The University also offers a special course, English for Foreign Students, for those who need further assistance. Under federal law, the University is permitted to enroll nonimmigrant foreign students.

TRANSFER APPLICANTS

Students with current or previous attendance at other colleges and universities who now seek admission to the University should present secondary school credentials similar to those outlined in the pre-

ceding sections. For Delaware residents, minimum requirements for admission as a transfer student include a C, or 2.0 grade-point, average in all previous college work, while transfer applicants from out of state must have at least a 2.5 average to be considered. Some majors are more competitive and require a higher grade-point average and specific course work for admission for both residents and non-residents. Competitive majors include engineering, business administration, accounting, economics, education, computer science, communication, and nursing. Students must be in good standing and eligible to return to the institution from which transfer is sought. The transfer applicant's total academic credentials are considered: previously achieved grade index, type of institution attended, and performance in specific courses relating to the proposed field of study.

The University accepts credits only from those institutions that are fully accredited by the appropriate regional accrediting association. These credits must be at the baccalaureate level, applicable to a degree program offered by this university as approved by the appropriate dean, and passed with a grade of C or better. Acceptance may vary from one program to another. Course work that has been taken more than seven calendar years earlier will be reviewed for applicability. An individual department may require repetition of outdated courses.

Transfer students must complete the last 30 credits at the University of Delaware to receive a degree. A transfer applicant must arrange for the Registrar of the former college to forward to the Admissions Office a complete official transcript.

Work taken elsewhere is not included in the overall scholastic index used to determine eligibility for graduation; candidates for the baccalaureate degree must achieve at least a 2.0 (C) index for work taken at this university.

APPLICATION DEADLINES

For September admission, all application materials should be sent to the Admissions Office by March 1; to be assured full consideration for academic scholarships and first choice of major, all materials must be received by January 1. For February admission, application materials should be sent to the Admissions Office by November 15.

PERSONAL AND FAMILY MEDICAL HISTORY FORM

All entering students must complete and return the Personal and Family Medical History Form. This form requires students to inform the University that they are properly immunized against measles, mumps, and rubella.

ADVANCED PLACEMENT PROGRAM

The University is committed to the proposition that competencies attained through courses taken in secondary school, through independent study, and through courses taken while at the University should be recognized. Students may be granted credit through the Advanced Placement Program for scores of 3, 4, or 5. Students should have their Advanced Placement test scores sent to the Admissions Office and any questions about Advanced Placement should be directed to Admissions. Credit by examination is given in other curricular areas (see Credit by Examination in the Academic Regulations chapter).

NEW STUDENT ORIENTATION

At the University of Delaware, New Student Orientation takes place in two phases. Phase One assists students in accomplishing the aca-

ademic tasks that must be completed to ensure a smooth start to the first semester, while Phase Two enhances students' actual transition to Delaware.

Phase One. During the month of July (for Fall) and January (for Spring) all new students are strongly urged to spend one full day on campus to participate in Phase One. A student's Phase One schedule typically includes placement testing, a meeting with an academic adviser, registration for first semester classes, and opportunities to meet new and current students. At the end of the Phase One day, students receive their fall class schedule and their official University of Delaware I.D. card.

Parents are also encouraged to attend Phase One for a special "Parent's Orientation."

Phase Two. Phase Two is held for several days prior to the beginning of class for fall and spring semesters. Helping new students feel welcome to Delaware; meeting faculty, staff and other students; exploring academic and co-curricular opportunities; and gaining understanding of a student's relationship to the University community are accomplished during Phase Two. Programs include informal meetings with professors, group discussions, social activities, and special workshops.

Information concerning both Phases of Orientation is mailed to all new students.

ADMISSION AND READMISSION TO A SPECIFIC SEMESTER OR TERM

Because it is necessary for the University to control undergraduate enrollments, admission or readmission is granted for a specific semester or term. Students who fail to matriculate in the semester or term specified in the letter of acceptance will have their admission or readmission canceled. Students who seek to defer admission should submit a letter to the Admissions Office. In such cases the credentials will be reevaluated and the request may be granted, depending on the availability of space.

READMISSION THROUGH ACADEMIC RENEWAL

Undergraduate students who return to the University after a separation of at least five calendar years, and who earn at least a C in each course taken for 12 semester hours after returning, may be given the option of requesting a quality point status equivalent to that of a transfer student admitted to the University.

The following regulations will govern this option:

- 1) Consultation with the dean of the college in which the student plans to major is required, and course selection must be approved in writing before the student registers.
- 2) The option may be exercised after completion of 12 credit hours following return to the University. The student must initiate the procedure; it will not be automatic.
- 3) All courses and grades will remain on the student's transcript. Courses set aside under the academic renewal policy will be identified.
- 4) Courses in which grades of C- or better were earned prior to return may be counted toward the degree, but will not be included in the student's index.
- 5) The option will be extended only once during the student's enrollment at the University.

RESIDENCE REQUIREMENT

To earn a baccalaureate degree from the University of Delaware, a student must complete either the first 90 credits or the last 30 credits at the University of Delaware.

ASSOCIATE DEGREE PROGRAMS

The University of Delaware offers the Associate in Arts (A.A.) and the Associate in Science (A.S.) degrees. These degrees are awarded to students who satisfactorily complete the curricular requirements for the first half of certain baccalaureate degrees. A minimum of 60 credits is required for the Associate in Arts degree and a minimum of 60 to 62 credits is required for the Associate in Science. These degrees are awarded in recognition of the completion of academic work normally offered by the community or junior college and are not terminal in nature. For part-time students, an associate degree can be a valuable intermediate goal bridging the interval between matriculation and baccalaureate degree completion. It is possible to complete an associate degree entirely with evening courses and part-time enrollment.

Admission Requirements. Admission requirements for the Associate in Science and the Associate in Arts are the same as those for the corresponding baccalaureate degree. The student should demonstrate scholastic aptitude, motivation for academic attainment, and evidence of adequate preparation for the curriculum to which admission is sought. These requirements may be met by satisfactory completion of appropriate credit courses taken as a Continuing Education student.

Transfer of appropriate credits from another institution may be granted, but to be eligible for an associate degree the student must take more than half the credits for the degree at the University of Delaware. Students who have been taking courses in the Division of Continuing Education, and who have not been formally admitted, should file an application for admission at the earliest possible date. In any event, the application must be filed early enough that 12 credits of the total will remain to be completed after formal admission as a candidate for an associate degree.

Eligibility. To be eligible for the degree, the student must have completed the elementary level course in a foreign language for the Associate in Arts. For the Associate in Science, the student must have completed the elementary level course if there is a language requirement for the corresponding Bachelor of Science degree. A minimum grade point index of 2.0 is required for an associate degree. One semester prior to expected degree completion, the student must complete a degree checkout with the office of the dean of the student's college. Except for students in the Parallel Program, the student must be enrolled in the college that is to award the degree.

General Information. For further information on the associate degrees, admission requirements, catalogs or needed forms, call the Office of Admissions (831-8123), the Division of Continuing Education ACCESS Centers (831-2741), the College of Agricultural Sciences (831-2508), or the College of Arts and Science Advisement Center (831-1281). Educational counseling and academic advisement are available at the ACCESS Centers at locations in Wilmington, Newark, Dover, and Georgetown.

Associate Degrees from the College of Arts and Science.

See College of Arts and Science section of this catalog. Academic advisement is available in the College of Arts and Science Advisement Center, 102 Elliot Hall.

Associate in Science from the College of Agricultural Sciences

See College of Agricultural Sciences section of this catalog. Academic advisement is available in 114 Townsend Hall.

INTERINSTITUTIONAL DEGREE PROGRAMS

The University of Delaware, in cooperation with Delaware Technical & Community College, offers baccalaureate degrees to students who have completed associate degrees in specific technologies. These degrees are awarded in the areas of Criminal Justice, General Agriculture, and Engineering Technology. Students living in Kent and Sussex Counties will be able to complete degree requirements with courses offered at University locations in those areas. Part-time students in these degree programs may be able to meet their course requirements through courses offered during the late afternoon and evening. For detailed information on degree requirements see the Criminal Justice, General Agriculture, or Engineering Technology section of this catalog.

Admission. To be eligible for admission to an interinstitutional baccalaureate program, a student must have earned an associate degree or the equivalent in an appropriate technology from Delaware Technical & Community College or another accredited college or university. Most of the credits earned in the associate degree program will be accepted for transfer to the University of Delaware provided they have been passed with a grade of C- or better. A student must complete the balance of the bachelor's degree requirements with courses offered by the University of Delaware.

For further information on interinstitutional degrees, contact the ACCESS Center of the Division of Continuing Education at (302) 831-2741.



FINANCIAL INFORMATION

- Tuition and Room and Board
- Qualification as a Delaware Student
- Residence Hall Fees
- Dining Services
- Refunds on Room Charges
- Other Fees
- Payment of University Charges
- Penalties for Nonpayment
- Financial Aid
- Tuition Credit
- Information for Veterans and Their Dependents

Student tuition and fees for the academic year are established by the Board of Trustees under the authority of the University Charter and apply equally to all students. This income comprises approximately 38 percent of the general revenues of the University. Other major sources of University funds are state appropriations, donations of alumni and friends, endowment income, and federal appropriations. The academic year consists of fall and spring semesters. Fees and expenses for the summer and winter sessions and for the graduate and Continuing Education programs are published in separate bulletins.

Students are responsible for knowing about and complying with University policies and for paying the established fees that are updated regularly in catalogs and fee payment materials. Application for admission constitutes acceptance of these terms, and each subsequent registration constitutes reacceptance.

The University reserves the right to revise its policies, fees, and other charges whenever it is deemed advisable; the new policies and rates apply to all students. Advance notice of any change is normally given.

TUITION AND ROOM AND BOARD

The following fees were approved for the 1994-95 academic year and are subject to change for the 1995-96 academic year.

	Delaware Residents		Non-Residents	
	Semester	Acad. Yr.	Semester	Acad. Yr.
Tuition	\$1,845.00	\$3,690.00	\$5,110.00	\$10,220.00
Room/Board	\$2,210.00	\$4,420.00	\$2,210.00	\$4,420.00
TOTAL	\$4,055.00	\$8,110.00	\$7,320.00	\$14,640.00

The above tuition covers registration for 12 to 17 credits per semester. The room and board fees include the most usual combina-

tion of a double room in a traditional residence hall and meals seven days per week. All full-time undergraduate students pay the full-time tuition charge that includes regular course, laboratory, library, athletic, and recreation facility fees.

Tuition for Additional Credit Hours. An additional charge at the per credit hour rate for undergraduate courses applies to each credit in excess of 17 for which an undergraduate student is registered.

General Expenses. Students must be prepared to meet the following additional estimated expenses that are not included in the semester bills: books and supplies, \$530 per year; miscellaneous expenses and transportation, \$1,300 per year.

QUALIFICATION AS A DELAWARE RESIDENT

Student status for admission and fee purposes is determined solely by the University and may or may not coincide with domiciliary status for other purposes. Lower fees are offered to Delaware residents in recognition of the substantial appropriations made by the State of Delaware for the operation of the University and the construction of its physical facilities. The regulations governing student classification are intended to differentiate between Delaware residents and non-Delaware residents in an equitable way, and to obviate, insofar as is practical, entitlement to preferential classification in more than one state at the same time.

The status of a dependent student is determined by the permanent domicile of the parent or legal guardian. The status of an independent student is determined by the student's own permanent domicile. In general, to qualify as a Delaware resident the person on whom this classification is dependent must have established a bona fide permanent domicile in Delaware and must have maintained a continuous residence therein for a period of twelve full months.

immediately prior to the first day of classes in the semester or session for which Delaware resident status is claimed. Without supporting evidence to the contrary, it is presumed that independent students do not fulfill the domiciliary and durational requirements while their principal occupation is that of student.

Students will be classified for fee purposes at the time of their application for admission. Those seeking a subsequent change of this classification must make application. Application forms are available in the Student Services Building. Changes may not be made retroactive beyond the academic period in which the request is made. Appeals regarding classification should be addressed to the University Registrar. A copy of the regulations governing classification of students for fee purposes may be obtained from the Registrar's Office or Student Services Building.

Delaware resident classification will be terminated one year after a move from the State of Delaware.

All of the ramifications of Delaware resident status cannot be included in the catalog. Questions concerning residence status of applicants for admission, especially in complicated situations (such as military service, divorce, custody, or guardianship arrangements), should be clarified with the Admissions Office prior to application.

Failure to give complete and correct information to the University regarding residence constitutes grounds for dismissal.

RESIDENCE HALL FEES

Room Applications. Upon admission to the University, a new student is automatically sent a residence hall application. Students currently in attendance receive applications and instructions from Housing Assignment Services. Single freshman students are required to live in University housing or at home with a parent or guardian. Requests for exceptions to this policy, along with an explanation of the student's exceptional situation, must be submitted in writing to the Assistant Director for Room Assignments. See "Residence Halls" in the Student Life Chapter for additional policies.

For the fall semester, sufficient space is set aside to accommodate all new freshmen and transfer students who desire to live on campus during their first year. Freshmen and transfer assignments are made based on the order the paid applications are received. Assignments are announced in August.

Current upperclass students who apply for housing by the announced deadline will receive an assignment. The order in which the assignments are made is determined through a computerized system which considers the number of semesters a student has resided on campus.

To apply for a residence hall space, a new student submits the completed room application, along with a \$100 deposit, to the University Cashier's Office. Current upperclass students submit the application and a \$200 deposit. The deposit is credited toward the academic year residence hall charges.

Of the \$100, \$50 is *not refundable*. New students who cancel their housing applications for the fall semester in writing on or before June 15 will receive a partial deposit refund of \$50. If a student cancels after June 15 or fails to occupy the space assigned, the entire \$100 deposit is forfeited. For new spring semester applicants, \$50 of the \$100 is refunded only if written notice of cancellation is received by the Office of Housing and Residence Life by December 1. The cancellation policy for current upperclass students is explained in the application instructions.

The *Academic-Year Student Housing Agreement* for a residence hall space is made for the entire academic year. Cancellation after the *Agreement* is in effect is permitted only under specific and/or exceptional circumstances approved by Housing Assignment Services. Requests for release from the residence hall agreement must be made in writing to the Assistant Director for Room Assignments. Partial rebates are pro-

vided if the student is released from the *Agreement*. Full details of the *Agreement* are published in the *Official Student Handbook*.

While an effort is made to assign each student the type of space requested, assurance cannot be given that the student will be assigned to the type of space or area for which he or she has applied. A student is required to pay the full residence hall charge for the space that is assigned.

Students who sign an *Academic-Year Student Housing Agreement* are financially responsible for the cost of the room through the end of the academic year from the date of sign-in/occupancy. Students who sign this *Agreement* at the beginning of the fall semester will pay the total amount listed below under "Academic Year." The fall charge for these students will be equal to the amount listed below under "Per Semester."

Students who sign-in/occupy any time after the beginning of the fall semester pay a prorated portion of the "Per Semester" charge determined by the date of the signing of the agreement. Complete details of the *Academic-Year Student Housing Agreement* and all residence hall policies are available in the 1994-95 *Official Student Handbook*.

PROPOSED HOUSING RATES 1995-96

Residence Hall	Academic Year	Per Semester
Traditional		
Standard Double	\$2,390	\$1,195
Economy Single	\$2,570	\$1,285
Standard Single	\$2,830	\$1,415
Pencader		
Double	\$2,520	\$1,260
Single	\$3,040	\$1,520
Ray Street		
Double	\$2,670	\$1,335
Christiana		
1/4 2-bdrm apt	\$2,690	\$1,345
1/2 1-bdrm apt	\$3,450	\$1,725
College Towne		
2-bdrm apt	\$700/month	
1-bdrm apt	\$630/month	
Lovett Street		
Single	\$350/month	
Conover		
2-bdrm apt	\$650/month	unfurnished \$630/month
1-bdrm apt	\$580/month	unfurnished \$560/month

At any time the occupancy of a room or apartments falls below 100 percent and Housing Assignment Services does not have or anticipate having an application from an eligible student to fill the space, the remaining student(s) assigned to that space may be offered the options to:

- (1) *elect to pay for the vacant space* for the remainder of the semester, thereby insuring that no new student will be assigned to that space. When this situation occurs during the fall semester, Housing Assignment Services reserves the right to assign the space for the remainder of the year beginning with Winter Session.
- (2) *elect not to pay for the vacant space* and continue to live in that room for no additional charge. However, Housing Assignment Services may assign a new student to that space at any time.

NOTE: If demand permits, Housing Assignment Services may offer the remaining student(s) assigned to that space the same two options for Winter Session and/or spring semester.

Room rent does not include insurance for the personal belong-

ings of students. This would be an unnecessary additional charge in the many cases that are protected under a family homeowner's policy. The University assumes no responsibility for loss of or damage to personal property. Occupants of residence halls are advised to obtain their own insurance on their personal property, if this is desired.

DINING SERVICES

Four "all you care to eat" dining halls offering a wide variety of menu choices are available across campus: Russell on East Campus, Rodney on West Campus, Kent on Central Campus, and Pencader on Laird Campus. Dining Services also provides numerous snack locations, convenience markets, restaurants, and concessions.

Dining Services has a registered dietitian on staff who is available for free personal consultations regarding special diets.

DINING PLANS FOR STUDENTS IN RESIDENCE HALLS

Fifteen dining plan options are available for students living on campus. All students in residence halls with the exception of those in Christiana Apartments are required to purchase a dining plan for each semester/session.

Each dining plan consists of a certain number of meals per week to be used in any of the four dining halls, plus a certain number of points per semester. Points provide cashless purchasing power in campus snack locations, restaurants, convenience markets, and concession carts. Additional points may be purchased at any time at the Student Services Building. **Unused points from summer session, fall semester and/or winter session may be carried over to the next semester/session. All unused points are forfeited at the end of the spring semester and have no refundable value.**

Dining plans are valid and billed for one semester/session only. For residence hall students with an Academic-Year Student Housing Agreement, the effective dates of the housing and dining agreements are the same.

SELECTING AND CHANGING DINING PLANS

Initial selection of dining plans may be made on the Housing/Dining preference scan form mailed in the spring. Students have the opportunity to select or change a dining plan on the "Choose or Change" form enclosed in the estimated semester/session bill. If no choice is made by the student, the plan providing 12 meals per week plus 16,000 points will be automatically assigned and billed. After arrival on campus, dining plan selections may be changed one time between the start of the semester until the published change of registration deadline for classes. For spring semester, the fall dining plan selection will automatically be reassigned unless a formal request to change has been made. Changes of this assigned dining plan may be made by completing the "Choose or Change" form included in the spring semester bill or in person at the Student Services Building.

CANCELLING DINING PLANS

Cancellations of the Dining Services Agreement are to be made in person at the Student Services Building and are made only for the current semester/session. There are only three conditions under which cancellations will be made upon request:

1. If a student is released from the Academic Year Student Housing Agreement
2. If residency is changed to Christiana Apartments, the Graduate House, or College Towne/Conover apartments or off-campus, and the request is made by the academic change of registration deadline.
3. For medical reasons, which are documented and forwarded to Dining Services by the Student Health Center.

If the Dining Services Agreement is cancelled, the student's account will be credited based on a proration of the remaining weeks

of unused meals in the plan and the value of any unused points. Any credit balance in the student's account may be transferred to a UD1 FLEX account.

DINING PLANS FOR CHRISTIANA APARTMENT RESIDENTS AND COMMUTERS

Selection of a dining plan is optional for Christiana Apartment residents and commuters. For those students who desire the convenience of cashless purchases for dining services, two options are available:

Option 1: Christiana Apartment residents and commuters may select any of the dining and/or points plans offered. The deadline for changes and cancellation is the published change of registration deadline for classes. The minimum purchase for a Christiana Apartment & Commuter Points Plan is \$150; however, the student may purchase any amount over that minimum. **Unused points balances may be carried over from summer session to fall semester, winter session, and/or spring semester. All unused points are forfeited at the end of the spring semester and have no refundable value.**

Option 2: Christiana Apartment residents and commuters may choose to open a UD1 FLEX account in place of a dining or points plan. Flexible spending accounts may be used at all dining locations and for a variety of campus services including the bookstore, library, laundry machines, and the Student Services Building. Unused UD1 FLEX balances carry over from year to year and are fully refundable to the student's account upon request.

Students living off campus may purchase a dining plan or open a UD1 FLEX account by contacting Student Services on Lovett Avenue, 831-4033.

ACCESSING DINING FACILITIES

The UD#1 CARD (Student ID) is the "ticket" into dining halls, campus convenience markets and many snack and restaurant locations across campus. When the student enters a dining hall, the checker will slide the UD#1 CARD through the microcomputer, automatically deducting that meal from the student's weekly allowance. **The UD#1 CARD is not transferable. It can only be used by the person to whom the card was issued and must be presented for any Dining Services transaction. Lost UD#1 CARDS should be reported immediately to the UD#1 CARD office in the Student Services Building on Lovett Avenue, or call UD#1 CARD (831-2273) to prevent unauthorized use.**

DINING FEES 1995-96

Plan	Value per Semester	Cost/Semester
1 Any 19 meals/week plus 2,000 points		\$ 1,015
2 Any 18 meals/week plus 4,000 points		\$ 1,015
3 Any 17 meals/week plus 6,000 points		\$ 1,015
4 Any 16 meals/week plus 8,000 points		\$ 1,015
5 Any 15 meals/week plus 10,000 points		\$ 1,015
6 Any 14 meals/week plus 12,000 points		\$ 1,015
7 Any 13 meals/week plus 14,000 points		\$ 1,015
8 Any 12 meals/week plus 16,000 points		\$ 1,015
9 Any 11 meals/week plus 18,000 points		\$ 1,015
10 Any 10 meals/week plus 20,000 points		\$ 1,015
11 Any 9 meals/week plus 22,000 points		\$ 1,015
12 Any 8 meals/week plus 24,000 points		\$ 1,015
13 Any 7 meals/week plus 26,000 points		\$ 1,015
14 Any 6 meals/week plus 28,000 points		\$ 1,015
15 Any 5 meals/week plus 30,000 points		\$ 1,015

Commuter & Christiana Plans

a Any 3 meals/week plus 26,000 points	655
b. Points (\$150 minimum buy-in)	150

REFUNDS ON ROOM CHARGES

The *Agreement* for a residence hall space is made for the entire academic year. Cancellation after the agreement is in effect is permitted only under specific and/or exceptional circumstances approved by Housing Assignment Services. Failure to pay residence hall charges in and of itself does not constitute cancellation of this *Agreement*. Unpaid bills are included in the student's University account.

A two-week (10 working days) "grace-period," (a time in which a new student may be released from his/her agreement and receive a partial financial refund) beginning with sign-in/occupancy of the room is provided only for new single undergraduate students. New students are defined as those who have never previously been enrolled at the University of Delaware, Newark campus. Grace periods are provided at the beginning of the fall and spring terms only.

Requests for release from the *Academic-Year Student Housing Agreement* must be in writing to the Assistant Director for Room Assignments. Partial refunds are provided if the student is released from the agreement.

Room refunds will be calculated based on the actual number of days that the student occupies a room plus an additional two weeks.

OTHER FEES

Determining Date for Tuition Charges. Tuition charges will be determined based on registrations made before the end of the late registration free drop/add period (first two weeks of the regular semesters). Full charges are made for course addition and/or withdrawal thereafter.

Rebates for Tuition Charges. Full rebates of tuition charges will be made for courses dropped by the end of the late registration free drop/add period (first two weeks of regular semesters). **NO REBATES OF TUITION** will be made for courses dropped thereafter.

Fee for Changes in Registration. Changes in registration may be made without fee and with a full rebate of tuition prior to the start of classes and during the late registration period (first two weeks of classes in each semester). After the first two weeks of classes, a charge of \$15 will be assessed once per semester, when a student initiates a request to change from one class or course section to another, drops or adds a course, changes to or from the pass/fail option, or changes to or from auditor status. In addition to this fee, all students will be charged tuition for any course dropped after the late registration period.

Part-time Students. Undergraduate Delaware residents who enroll for less than twelve credits pay a fee of \$154* per credit hour. Undergraduate nonresidents who enroll for less than twelve credits pay \$426* per credit hour. Courses being taken as auditor are included in the credit hour total.

Comprehensive Student Fee. A mandatory fee of \$38* is assessed all full-time undergraduate students each semester.

Student Center Fee. A mandatory fee of \$50* is charged to all full-time matriculated students each semester to cover renovations to the Perkins Student Center and costs of the new student center.

New Student Orientation Fee. Newly matriculated undergraduate students (including transfers) are required to pay a \$45* fee to cover the costs of the New Student Program and New Student Orientation. Participation in the orientation program is not a consideration in the assessment of this fee.

Special Recording Fee. A recording fee is assessed to reimburse the University for processing and recording the following kinds of transactions:

- Advanced placement credit (\$15)*
- Transferring credit earned at other institutions following admission (\$20)*

Health Service Fee. A mandatory fee of \$117* is assessed to all full-time matriculated students each semester, entitling them to use the Health Service during the semester. Part-time students may use the Health Service by electing to pay the semester health fee by the end of the late registration period and contacting the Student Health Center, or by opting to use the Health Service on a fee-for-service basis during the semester.

Student Medical Insurance. An optional accident and sickness insurance plan administered by Blue Cross Blue Shield of Delaware is available to all admitted students. This insurance does not cover medical services offered in the Student Health Service. Students whose parents live outside the continental United States are required to have either insurance offered by the University or equivalent insurance coverage. Details of the coverage are mailed directly to the student by the insurance company in July or can be obtained from the Student Health Center.

Credit by Examination Fee. Credit may be awarded when a student demonstrates proficiency in a subject-matter field by passing an examination arranged with the department. A fee of \$30* per credit hour is charged in advance to cover the cost of the administration of the examination and the recording of the grade.

Independent Study Fee. Students enrolled in a regular academic program who gain credit by working on an independent research or reading project will pay the appropriate tuition charge as previously outlined.

Student Teaching Fee. Students enrolled for Practice Teaching (EDDV 400 or IFST 459) will pay \$75* per semester in addition to the regular tuition charge.

Transcript Fee. Prepayment of \$4* is required for each official transcript issued. A transcript is not released until outstanding financial obligations to the University are met. One week is normally required to process a transcript request. To protect the confidential nature of student records, requests for transcripts must be made in writing by the student.

General Fee for Changes and Replacements. A nominal charge, not exceeding \$20*, is assessed for such transactions as changes in residence hall rooms (after the first two weeks of each semester) and replacement of lost identification cards (at any time).

PAYMENT OF UNIVERSITY CHARGES

Total University fees and expenses are due on dates established for each semester. Generally, tuition, room, and board are due about a month before the start of each semester. A University tuition and fees payment packet listing estimated semester expenses and a Fee Payment Form are mailed to each student at least six weeks in advance of the start of each semester. *It is the responsibility of the student to obtain the fee packet and the Fee Payment Form from the Accounts Receivable Office if not received in the mail, to calculate the bill, and to return the Fee Payment Form to the Cashiers Office with any required payment. A Fee Payment Form must be completed and submitted by all students even if financial aid or other credits may cover the total semester charges.* Verification of credit on account must be provided, except for admission and room deposits paid.

*Fee approved for the 1994-95 academic year. Subject to change for the 1995-96 academic year.

All payments made by check or money order should be drawn to the order of the "University of Delaware." Receipts are not issued for payments made by check or money order unless specifically requested.

The net total, or the first installment (if the installment option is selected), of University fees and charges, together with the completed Fee Payment Form, is due by the date specified in the instructions in the fee payment packet. A dishonored check that has not been cleared by the payment deadline does not constitute payment. A person whose check to the University is dishonored upon being presented for payment will be assessed a \$25* service charge and may be required to make future payments by cash, money order, or certified check. Matriculated students whose credit remains in good standing with the University may pay semester bills in accordance with the installment plan table. A service fee of \$40* is charged if the installment plan is selected. Although monthly statements are sent to those who are indebted to the University, these installment payments are due by the dates specified whether or not a statement is received. The dates below are approximate.

Fall Semester		Spring Semester	
August 1	25%	By the date specified	25%
September 20	25%	February 20	25%
October 20	25%	March 20	25%
November 20	25%	April 20	25%

*The Installment Payment Plan is only one of the payment options offered through The Delaware Plan, a comprehensive financing program for University of Delaware matriculated students. A Guaranteed Prepaid Tuition Plan allows families to pay cash or borrow up to the full amount necessary to prepay up to four years of full-time tuition at the current full-time tuition rate. Lines of Credit allow families to borrow funds at a very reasonable rate to pay for University billed expenses as the funds are needed. The Delaware Plan is a partnership between the University and CoreStates First Pennsylvania Bank. For further information on The Delaware Plan, contact the Accounts Receivable Office, (302) 831-2126.

Students are billed individually for any loss, breakage, or damage of University property and for such incidental charges as library and parking fines. These bills are due upon receipt. Failure to pay them may result in the penalties for nonpayment shown below.

PENALTIES FOR NONPAYMENT

- **ADVANCE REGISTRATION MAY BE CANCELLED FOR ANY STUDENT FOR WHOM THE FEE PAYMENT FORM AND ANY REQUIRED PAYMENT HAVE NOT BEEN RECEIVED BY THE SPECIFIED DATE EACH SEMESTER.**
- If any fees, fines or miscellaneous payments are not received when due, the *student is subject to being dropped* from the University. The student will be required to drop any courses in progress; failure to drop courses will result in a grade of "Z" for each. Subsequent registration will be refused and transcripts, diplomas, and other information concerning attendance at the University will be withheld. Reinstatement requires payment of the amount due and compliance with the usual readmission procedures.
- Collection agency fees, attorney fees, court costs, and other costs and charges necessary for the collection of any amount not paid when due are the obligations of the student concerned.
- Students who fail to make payments when due may be denied the privilege of using the installment payment plan in future semesters.

Late Payment Fee. Any admitted student who fails to submit the fee payment form and any required payment to the Cashier by the

date specified will be charged a \$35* late payment fee. New students who are admitted too late to pay by the established fee payment date, as identified by the Admissions Office, will not be assessed the late payment fee if they make payment by the new fee payment date assigned them.

Any student who does not submit a fee payment form and any required payment before the first day of classes will be charged a \$50* late payment fee. A student who elects the installment payment plan and then does not pay the second, third, and final installments when due or fails to pay the required percentage of his or her bill will be assessed a \$25* installment penalty for each such installment.

FINANCIAL AID

The University of Delaware scholarship and financial assistance programs focus on the student. This is because it is the University's intent to remove financial barriers to higher education for University students and to attract students with exceptional academic promise. However, since resources are limited, University financial aid should be viewed only as supplementary to the efforts of the family. Financial assistance programs are a bridge between the family's ability to pay for higher education and the cost of higher education.

In most cases, the University awards aid on the basis of need; aid consists of grants and/or loans and/or employment opportunities. The University also offers a number of scholarships based on academic proficiency alone. The Scholarship Committee considers all students of exceptional promise for these scholarships.

How to Apply for Financial Aid. Entering Freshmen— Application for financial aid should be made early in January preceding the fall semester the student will enter the University. All personal and family financial information provided to the Financial Aid Office is maintained in strictest confidence. Eligibility for financial aid is not considered in reaching the Admission decision. Students applying for financial aid must complete the following procedure:

- Parents and students must complete a Free Application for Federal Student Aid (FAFSA) and send it directly to the address on the envelope included with the form. (Forms may be obtained from high school guidance counselors.) Indicate that a copy of the analysis is to be sent to the University of Delaware (institution code #001431). For the purpose of verification, applicants may be required to submit Federal Income Tax Forms for both themselves and their parents to the University's Financial Aid Office. A statement of Selective Service Registration Compliance may also be required.

Renewal and Other Candidates—All students must reapply for financial assistance each year. Awards may be offered for subsequent years, dependent upon available resources, the need of the applicant and the student's continued enrollment with at least half-time status in a degree program. **Continuing Education students are not eligible for financial assistance.** The procedure listed above must be completed by all upperclass applicants. The Department of Education will mail Renewal Applications to students in December. If a Renewal Application is not received, new application forms are available in the Student Services Building.

Deadline. Note that the priority deadline for receipt of financial assistance applications from all students is May 1 prior to the year for which aid is requested. It is suggested that the FAFSA be submitted **prior to March 15** to meet the above deadline. Applicants who apply after May 1 cannot be guaranteed consideration for aid and may be assisted only to the extent that funds are available.

*Fee approved for the 1994-95 academic year. Subject to change for the 1995-96 academic year.

Notification of Aid. A final Notification of Aid that details the sources and amounts of aid awarded is sent to the student prior to the due date of the first payment for educational charges of that same school year. Upon receipt of the Notification of Aid, the student must sign and return the appropriate copy. Failure to return the signed copy to the Financial Aid Office will result in the forfeiture of financial assistance.

Student Withdrawals. If enrollment terminates through official withdrawal and the student has been a recipient of Federal and/or State financial aid funds, the financial aid award must be reviewed. Federal financial aid funds include Federal College Work Study, Federal Perkins Loan, Nursing Student Loan, Federal Supplementary Educational Opportunity Grant, Federal Pell Grant, Federal Direct Subsidized Stafford Loan, Federal Direct Unsubsidized Stafford Loan and the Federal Direct PLUS Loan Program. State financial aid funds are General Fund Scholarship and Delaware Right to Education.

Financial aid eligibility is based upon the cost of education (e.g., tuition, mandatory fees, room, board, books, and miscellaneous expenses). This cost of education represents actual costs incurred for the entire semester and is contingent upon completion of that semester. When the student officially withdraws, the cost of education must be analyzed to determine if a **Student Refund** is due. **Student Refund** refers to the reduced cost of attendance that results from withdrawal from the institution prior to the completion of a given academic term.

Federal regulations require that the institution restore monies to the federal financial aid programs after the "Student Refund" is calculated. The amount of funds to be returned is determined by specific formulas. This computation may result in a reduction in your financial aid.

In accordance with the Higher Education Amendments of 1992, the University of Delaware has instituted a pro-rata refund policy for students who are in their first semester of study and are recipients of Federal Title IV financial assistance. Pro-rata refunds are extended to those who qualify and who officially withdraw prior to the tenth week of class. For further information regarding the refund policy at the University of Delaware, contact the Office of Scholarships and Financial Aid at (302) 831-8761.

Financial Aid Procedures for Failure to Withdraw Officially. If enrollment terminates before the end of a semester and the student fails to adhere to the official withdrawal policy of the University, then the student is ineligible for any federal and/or state financial aid program funds previously awarded for that term. Therefore, in accordance with federal regulations all financial monies received for that semester will be considered an overpayment. These funds must be returned to the federal and/or state program accounts. The student will be billed for semester charges.

For further details, contact the Office of Scholarships and Financial Aid.

Financial Aid for Students with Previous Baccalaureate Degree. A student who completes his or her first baccalaureate degree is not eligible to receive either a Federal Pell Grant or a Federal Supplemental Educational Opportunity Grant. It is a student's responsibility to indicate receipt of a first baccalaureate degree when completing the Free Application for Federal Student Aid (FAFSA).

Satisfactory Academic Progress. For financial aid purposes, the Federal Title IV assistance programs require students to maintain progress toward a degree. The federal programs include the Federal Pell Grants, Federal Perkins and Nursing Loans, Federal College Work-Study program, Federal Family Education Loans (Stafford and PLUS) and Federal Direct Loans (Subsidized, Unsubsidized, and PLUS). Satisfactory progress for financial aid purposes requires:

- completion of a degree within six years of full-time attendance or its equivalent,
- a cumulative grade point average of C (2.0) after 60 or more attempted hours,
- successful completion of 67% of credit hours attempted.

Academic records will be reviewed at the end of each spring semester. Students who fail to make satisfactory progress will be ineligible for financial assistance.

Student Consumer Rights and Responsibilities. A student who receives financial aid from the University has the following rights:

- To know the costs of attendance to the institution; to know all available sources of Financial Aid; to be informed of all aspects of the Financial Aid package awarded, including determination of need and dispersal of aid; to know the academic expectations of the institution; and to know the institution's refund policy.

A student also has the following responsibilities:

- To apply for aid by the established University deadline; to report any outside awards to the University Financial Aid Office; to remain in good academic standing and make appropriate academic progress; to comply with loan repayment schedules established; and to report any changes in family or student financial status to the Financial Aid Office. Financial Aid recipients are also responsible to report to the Dean of Students, the Student Loan Office, and the Financial Aid Office when they withdraw from school.

Additional financial aid consumer information is available from the Student Services Building, or telephone: (302) 831-8761. The Accounts Receivable Office, the Admissions Office, and several University publications also have pertinent information about financial aid at the University of Delaware.

TUITION CREDIT

Sibling/Parent. Every full-time, matriculated undergraduate student at the University of Delaware is entitled to a Sibling/Parent Tuition Credit of \$100 if he or she has one or more siblings or parents who is also a full-time matriculated undergraduate student at the University for the same academic year.

To receive this tuition credit, the eligible students must submit a Sibling/Parent Tuition Credit form to the Cashiers Office by the fee payment deadline for spring semester. These forms are available in December in the Cashiers, Records, and Accounts Receivable Offices. For determination of eligibility, see the Sibling/Parent Tuition Credit Policy distributed with the form or contact the Accounts Receivable Office.

Senior Citizens. Every matriculated student at the University who is 60 years of age or older and a citizen of the State of Delaware may take credit courses on a space available basis without paying tuition. For further information, contact the Admissions Office at (302) 831-8123.

INFORMATION FOR VETERANS AND THEIR DEPENDENTS

The University of Delaware is approved for veteran attendance under Chapters 30, 31, 32, 34, 35, and 106 of Title 38, Code of Federal Regulations. Veterans interested in obtaining benefits under these regulations should contact the University Veterans Affairs Clerk in the Student Services Building at (302) 831-8987.



ACADEMIC REGULATIONS

- Faculty Advisers
- Registration
- Changes in Registration
- Student Classification
- Course Load
- Transfer of Credit
- Course Exemption, Waiver, or Substitution; Duplicate Credits
- Credit by Examination
- Attendance Regulations
- Seat Claim Policy
- Academic Honesty
- Proficiency in Written Communication
- Minors
- Double Degrees

- Change of Major, Curriculum, or College
- Grading System
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- Reports of Grades
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- Withdrawal from the University
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- Multicultural Requirement Courses
- Academic Honors
- Commencement and Degree Conferral

Responsibility for knowing and following the academic rules and regulations, including requirements for graduation, rests with the student. It is the students' responsibility to check all advisement materials available in the department. Faculty advisers assist students in planning their academic programs but are not expected to relieve the students of their responsibility. Rules and regulations related to student conduct may be found in the *Student Guide to Policies* and the *Residence Life Handbook* published by the Division of Student Life.

All colleges establish specific academic requirements that must be met before a degree is granted. The regulations concern such things as curricula and courses, majors and minors, and campus residence. Advisers, program directors, and deans will provide specific information concerning these requirements, but the student alone is responsible for fulfilling them. It is important for students to acquaint themselves with all regulations and remain currently informed throughout their college careers.

Students who have a clear idea of their educational objectives are encouraged to make an early declaration of their choice of major. Where it is permitted by their college, students may initially indicate their status as *undeclared*, but by the end of the fifth semester of full-time study (or the completion of 75 credit hours), all students are required to be accepted by a department, declare a major, and receive appropriate faculty advisement from their major department.

The University of Delaware selects students for admission and extends to them the privilege of attendance. Every student upon enrolling accepts the obligation to comply with University rules and regulations and to endeavor to meet the academic standards of the

University. A student may be dropped, suspended, or expelled for academic or disciplinary reasons if officers of the University or committees of the faculty responsible for academic status and discipline determine that the student is not profiting by attendance or that such action is in the best interest of the University of Delaware.

FACULTY ADVISERS

Faculty or other specially trained personnel act as advisers for undergraduate students. Freshmen are assigned an adviser by the college to which they have been admitted. If students later change their college or field of concentration, they are assigned to a different adviser familiar with courses and requirements in the new field of concentration. (Students should read Change of Major, Curriculum, or College in this section.)

Freshmen are required to consult their advisers for assistance in proper planning and registration for academic work. Students are urged to keep their advisers informed of their academic progress through periodic conferences.

REGISTRATION

All matriculated students register in advance for spring and fall semesters.

- a. Registration periods are scheduled for returning full- and part-time undergraduate students in late April for fall semester and in late November for spring semester.

- b. Newly admitted undergraduate students register during New Student Orientation, which includes academic advisement. (See also New Student Orientation in the Student Life and Activities section.)
- c. Readmitted students are notified of registration procedures that apply.

Advance registration periods also precede the summer and winter sessions.

It is the student's responsibility to seek advisement prior to each registration.

Students who have registered in advance but are dropped from the University will have their registration canceled and fees refunded.

Students will not receive credit for courses in which they are not properly registered.

CHANGES IN REGISTRATION

Changes in registration after students have advance registered can be done by telephone using UDPHONE, the interactive voice response system. The dates and times for UDPHONE drop/add are announced in the registration book for that semester or session. This service becomes available a few weeks prior to the start of classes. Students are encouraged to take advantage of UDPHONE drop/add prior to the start of classes since doing so enables them to be settled in their courses when classes begin.

During the first ten days of classes in fall and spring semesters, and during the first four days of classes in winter session, a student may continue to add or drop a course, or change to or from pass/fail or audit using UDPHONE. Some courses may require students to obtain instructor's or department's approval to add. Students should consult with their advisers prior to making a change to or from pass/fail in a course. Freshmen should consult with their advisers prior to making any change in their registration. UDPHONE is not available for summer sessions.

To add a course after the first ten class days in fall and spring semesters, and after the first four class days in winter and summer sessions, requires approval of the instructor and the dean of the student's college. Other changes in registration may be made until the academic penalty deadline at the end of the sixth week of the semester (eighth week for first semester freshmen); however, a student withdrawing from a course will receive a grade of "W". There is a one time \$15 fee charged for these changes in registration. No tuition rebates are made for any changes in course registration after the conclusion of the first ten days of classes in the fall and spring semesters and proportionate time in other sessions.

Any changes in registration after the six-week academic penalty deadline (eight weeks for first semester freshmen) must be approved by the dean. Only in extenuating circumstances will approval be granted. After the deadline, students will not be permitted to drop courses simply to avoid a poor grade. Students will be permitted to withdraw from courses after the deadline at the discretion of the dean only when (a) the student voluntarily withdraws or is withdrawn from all courses for which registered (official withdrawal from the University); (b) it is necessary for medical reasons, substantiated by the University physician or University psychiatrist, to reduce a student's course load; or (c) it is necessary to reduce a student's course load because of unusual and extenuating personal problems. Even in these cases, a grade of WF will be entered for any course that the student is failing at the time of withdrawal. Any requests for changes in academic records must be referred to the Committee on Undergraduate Records and Certification through the office of the student's dean.

STUDENT CLASSIFICATION

A student's classification (college and class year) is assigned at the time of admission. Students with 27 or fewer credits earned toward the degree will be classified as freshmen; those with 28 to 61 credits will be classified as sophomores; those with 62 to 94 credits will be classified as juniors; and those with 95 or more credits will be classified as seniors. Students who register for less than 12 credits in the fall or spring semester are considered part-time students.

COURSE LOAD

Full-time Undergraduates. A normal schedule consists of four or five major courses subject to the following credit limitations:

For freshmen, a normal load may not exceed 17 credits excluding basic military science and courses in physical education. A reduced schedule of four major courses plus physical education and military science may be suggested for some freshmen by faculty advisers. (See also International Programs and Special Sessions in the Other Divisions section.)

For upperclass students not on probation, a normal load should not exceed 18 credits, unless prescribed by the curriculum. An additional fee at the per credit hour rate applies to each credit in excess of 17.

Students on academic probation may not register for more than four major courses, excluding basic military science and physical education.

Registration as Auditor or Pass/Fail is counted the same as registration for credit for the purpose of determining course load. (See also Progress Toward Degree in this section.)

Part-time Undergraduates. A student registered for fewer than twelve credits during a regular semester is a part-time student. Part-time students admitted to the University's undergraduate division are degree candidates. All other students attending on a part-time basis are continuing education students (CEND), i.e., not pursuing a formal degree. (See also International Programs and Special Sessions in the Other Divisions section.)

Registration on a Pass/Fail or Auditor basis is counted the same as registration for credit for the purpose of determining course load.

Overload. Faculty advisers may approve a course and credit load greater than those defined above provided the student has a cumulative index of 2.5 and an index of 3.0 for the preceding semester. In no instance will a student be permitted to register for more than 22 credits including registration as Auditor or Pass/Fail. (See also International Programs and Special Sessions in the Other Divisions section.) Additional fees must be paid when registering for more than 17 credits.

TRANSFER OF CREDIT

Insofar as possible prior course work will be accepted toward the degree. Course work that has been taken more than seven calendar years earlier will be reviewed for applicability. An individual department may require repetition of "outdated" courses.

Students already enrolled at the University of Delaware who wish to receive credit for work to be taken at another institution must complete a Transfer Credit—Post Admission form. Permission must be obtained for the particular course or courses for which credit is desired. It is recommended that the adviser or dean be consulted prior to taking such work, although the written approval and transfer transaction may be processed after completion of the course. Specific instructions for obtaining such approval may be obtained at the Service Desk, Student Services Building. The credits and quality points for work taken elsewhere will not be included in the calculation of the student's University of Delaware cumulative index.

Students from Delaware State College and Delaware Technical & Community College who wish to transfer to the University of Delaware should consult the Admissions Office and their own department chairs and college deans for transfer of credit information.

COURSE EXEMPTION, WAIVER, OR SUBSTITUTION; DUPLICATE CREDITS

Specific degree requirements may be modified with permission and approval from the department chair and/or dean of the college in the following ways:

Exemption. A student may request to be excused from a course requirement, receiving no credit for the course and no reduction in the total number of credits required for the degree.

Waiver. A student may request to be excused from a course requirement, thereby reducing the total number of credits required for the degree by the amount of credit for the course requirement being waived.

Substitution. A student may request permission to substitute one course for another with no reduction in the total number of credits required for the degree.

Duplicate Credits. Credits may be counted only once toward a degree. Courses repeated to improve a passing grade may not be counted a second time toward the minimum total credit hours required. Both the original and the second grade for repeated courses are used in calculating the cumulative index. Certain courses offered in a sequence will not be counted toward a degree if taken in reverse order of difficulty, e.g., a French 105 course would not be considered if taken after a French 107; similarly, a Math 115 course is not acceptable if taken after a Math 221 course.

Certain other courses have sufficient overlap of content, although taught at different degrees of difficulty, that credit would not be offered for both courses regardless of the order taken. For instance, credit will be offered only once for the following pairs of courses: MATH 221 and MATH 241, MATH 222 and MATH 242.

CREDIT BY EXAMINATION

The University provides to all matriculated and Continuing Education students the opportunity to obtain college credit by examination for demonstrated competence attained through professional experience or some similar learning experience, but not by previous enrollment in a University of Delaware course. General inquiries concerning credit by examination should be directed to the department offering the course for which the student seeks credit. Credit by examination is not allowed in experimental courses or independent study courses. A credit-by-examination form, available at the Service Desk, Student Services Building, must be completed and the required fee must be paid. (See also Advanced Placement and Standing in the Undergraduate Admissions section.)

ATTENDANCE REGULATIONS

Students are expected to attend all their scheduled classes and laboratories and not to be absent without adequate reason.

Deficiency in any required work resulting from absence from class must be made up to the satisfaction of the instructor.

A student who is absent from a course without adequate reason may be assigned a failing grade. Students who are registered as Auditors are subject to the same attendance regulations as those registered for credit. Those Auditors who are reported for their excessive absence from class will receive a grade of *LW* in the course.

By action of the University Faculty, the responsibility for defining attendance expectations is left to the individual faculty member, subject to the guidelines given below. Thus it is of great importance that early in each course the instructor make clear to each student what the attendance expectations are, and how absences due to "relatively minor" illnesses, as described below, are to be communicated. Students should check the syllabus for attendance expectations and means of communicating about minor illnesses.

It is the policy of the University of Delaware not to cancel classes on religious holidays. However, students and faculty are encouraged to exercise their own judgment pertaining to their attendance on these days. In addition, faculty are encouraged not to schedule examinations or require the submission of special assignments on the following days: the evenings before as well as the first two days of Rosh Hashanah and Yom Kippur in the fall term, Good Friday and the evening before and the first two days of Passover in the spring semester.

- a. Absence on religious holidays listed in University calendars is recognized as an excused absence. Nevertheless, students are urged to remind the instructor of their intention to be absent on a particular upcoming holiday.
- b. Absences on religious holidays not listed in University calendars, as well as absences due to athletic participation or other extracurricular activities in which students are official representatives of the University, shall be recognized as excused absences when the student informs the instructor in writing during the first two weeks of the semester of these planned absences for the semester. Absences due to similar events that could not have been anticipated earlier in the semester will be recognized as excused absences upon advanced notification of the instructor by an appropriate faculty adviser or athletic coach.
- c. Absences due to serious illness or death within a student's family are recognized as excused absences. To validate such absences, the student should present evidence to the Dean's Office of his or her college. The Dean's Office will then provide a letter of verification to all of the student's instructors for the term.
- d. Absences due to serious illness of the student (e.g., hospitalization, surgery, or protracted medical illness or convalescence) shall also be recognized as excused absences. To validate such absences, the student should present evidence of the illness to the Dean's Office of his or her college. Supportive evidence will be provided on the student's request by the Student Health Service directly to the respective Dean.

For relatively minor, short-term illnesses (e.g., colds and flu, where attendance in class is undesirable), the University system depends upon reasonable communication between students and faculty. If possible, students should report such illnesses *before* the affected class, following the directions of the instructor as provided at the beginning of the semester.

- e. Students are not to be penalized if absent from an examination, lecture, laboratory, or other activity because of an excused absence. However, students are fully responsible for all material presented during their absence, and faculty are encouraged to provide opportunities when feasible, for students to make up examinations and other work missed because of an excused absence.

Authority for excusing all class absences rests with the instructor.

SEAT CLAIM POLICY

Sometimes classes are over-subscribed, and thus it is not always possible to accommodate all requests for assigned seats in these classes. To address this problem, the University has established a seat claim policy. Seat assignment in classes is currently determined by priorities based on earned credit hours, major, course sta-

tus, and intended audience. In order to insure that students not be allowed to hold claims to assigned class seats that they do not occupy within a reasonable time, thus denying other qualified students an opportunity to claim these seats, the following policy applies to all classes.

Unless excused by the faculty member, students holding a confirmed assigned seat in a class will have relinquished their seat if they have not personally appeared in class to claim the seat by the third meeting for a class scheduled to meet three times a week, by the second meeting for a class scheduled twice a week, by the third meeting of a class scheduled to meet five times a week, or by the second meeting for a class scheduled once a week. If the student does not claim the seat within the time limit specified above, and does not drop the course, the instructor has the option of assigning the student a grade of "Z" at the end of the term. It is the responsibility of the student to drop each course that he/she does not plan to attend, even when the student's registration is cancelled for non-payment of fees. Failure to drop a course will result in a grade of Z.

ACADEMIC HONESTY

Academic honesty and integrity lie at the heart of any educational enterprise. Students are expected to be honest and forthright in their academic endeavors. To falsify the results of one's research, to steal the words or ideas of another (plagiarism), to cheat on an examination or to allow another to commit an act of academic dishonesty corrupts the essential process by which knowledge is advanced. (Students are urged to consult individual faculty members when in doubt regarding plagiarism.)

Instructors will gladly explain procedures for taking tests, writing papers and completing other course requirements so that students may understand fully their instructor's expectations. It is the official policy of the University of Delaware that all acts or attempted acts of alleged academic dishonesty be reported to the Dean of Students Office. At the faculty member's discretion and with the concurrence of the student or students involved, some cases, though reported to the Dean of Students Office, may be resolved within the confines of the course. All others will be adjudicated within the undergraduate Student Judicial System. (See the *Student Handbook* for complete information.)

PROFICIENCY IN WRITTEN COMMUNICATION

The University requires students to demonstrate competency in composition skills. A student whose written skills are unsatisfactory may be given a Communication Condition by an instructor in any course. The Communication Condition is removed by successfully completing a noncredit individualized instructional program at the University Writing Center. *A student who has been issued a Communication Condition cannot graduate until it is removed.*

MINORS

Designed for students interested in a particular field, minors provide programs of study less intensive and comprehensive than a major but with greater coherence than a group of courses selected at random. Minors have been approved in over 50 fields of study; see the list of advisers and approved minors on page viii of this catalog. The general guidelines stipulate a minimum of 15 credits of course work and other requirements to earn a degree in a minor field. Students must obtain permission from the department chair or designate before declaring a minor.

DOUBLE DEGREES

In some cases, a student is permitted to work concurrently for and to receive two baccalaureate degrees. The following regulations apply to a student seeking to receive two baccalaureate degrees at the same time:

- A student must fulfill all requirements for both degrees. A student may be awarded two degrees at the same time only if the degrees are different (e.g., Bachelor of Science and Bachelor of Arts). If a student is pursuing two fields of study for which the same degree is awarded, only one degree will be granted but with a major in two fields of study (e.g., Bachelor of Arts with majors in English and History).
- To be eligible for a second degree, the student must earn at least thirty credits in addition to those required for the first degree. When the two degrees are being earned concurrently and are to be awarded at the same time, the "first degree" is considered to be the degree that requires the smaller number of total credits.
- A student may be awarded two baccalaureate degrees that are the same (e.g., Bachelor of Science) provided (a) the work is taken in two fields of study, (b) the work is not done concurrently and the student has been awarded the first degree before pursuing the second degree, and (c) a minimum of at least 30 credits is completed to fulfill the requirements of the second degree.

CHANGE OF MAJOR, CURRICULUM, OR COLLEGE

The student's choice of studies, once made and recorded, can be changed only by following the formal procedure for changes. Admission to certain academic units is restricted, and students should consult with the department chair and dean of the unit to which they are seeking admission. The student should secure the necessary Change of College/Major form from the Service Desk, Student Services Building, and complete it as directed through the college dean's office or department offices.

GRADING SYSTEM

The University uses a system of letter grades with plus and minus designators.

NOTE: In courses requiring a minimum letter grade, for example a C or better, the minus grade, for example C-, fulfills the requirement, unless 2.0 minimum is specified. (Similarly, when a B or better is required, a B- fulfills the requirement.) However, the quality points per credit for a C- are fewer than for a C (see chart below), and the University requires that undergraduate students achieve an overall cumulative grade point index of at least 2.0 for graduation.

The following final grades are used.

A	Excellent	4.00 quality points per credit
A-		3.67 quality points per credit
B+		3.33 quality points per credit
B	Good	3.00 quality points per credit
B-		2.67 quality points per credit
C+		2.33 quality points per credit
C	Fair	2.00 quality points per credit
C-		1.67 quality points per credit
D+		1.33 quality points per credit

<i>D</i>	Poor.....	1.00 quality points per credit
<i>D-</i>	0.67 quality points per credit
<i>F</i>	Failure.....	0.00 quality points per credit
<i>X</i>	Failure, Academic Dishonesty
	0 quality points per credit
<i>Z</i>	Failure, Unofficial Withdrawal
	0 quality points per credit
<i>L</i>	Listener—Registration without credit or grade. Class attendance is required, but class participation is not.	
<i>LW</i>	Listener Withdrawn—A listener who does not attend sufficient class meetings to be eligible, in the judgment of the instructor, for the grade of <i>L</i> will receive the grade <i>LW</i> .	
<i>NR</i>	No grade required.	
<i>P</i>	Passing—For specifically authorized courses. <i>P</i> grades are not calculated in indexes. (For further explanation, see Pass/Fail grade option section.)	
<i>W</i>	Official Withdrawal—Passing at time of withdrawal.	
<i>WF</i>	Official Withdrawal—Failing at time of withdrawal. Students permitted to withdraw after the announced deadlines who are doing failing work will receive a grade of <i>F</i> for the course unless the dean of their college approves their withdrawal “without penalty,” in which case the student receives a grade of <i>WF</i> .	

The following temporary grades are used:

- I*—Incomplete—For uncompleted assignments, absences from final or other examinations, or any other course work not completed by the end of the semester.
- S*—Satisfactory progress—For thesis, research, dissertation, independent study, special problems, distant learning and other courses which span two semesters or in which assignments extend beyond the grading deadline in a given semester.
- U*—Unsatisfactory progress—For thesis, research, dissertation, independent study, special problems, distant learning and other courses which span two semesters or in which assignments extend beyond the grading deadline in a given semester.

Temporary grades of *S* and *U* are recorded for work in progress pending completion of the project(s). Final grades are reported only at the end of the semester in which the work was completed.

N—No grade reported by instructor.

All students, whether or not they intend to return to the University, may remove temporary grades from their records by adhering to the following regulations:

- A grade of *I* (Incomplete) must be removed not later than the end of the first two weeks of the semester immediately following. Incomplete work for the fall semester and winter session must be completed within the first two weeks of the spring semester; incomplete work in the spring semester and summer sessions must be completed within the first two weeks of the following fall semester. Under extenuating circumstances, such as prolonged illness, the faculty member, with the additional approval of the dean, may approve extensions of these limits.
- At the time of grading, instructors who give an *I* grade must submit copies of the Incomplete Grade Explanation Form to the department chair, the instructor's dean, the student's dean and the Registrar's Office, but only when the grade to be awarded, if the work is not completed, is not an *F*. This form will show (1) the nature of the incomplete (absent from final examination, absent from hourly examination, project or paper not turned in, etc.), (2) the reason for the incomplete (illness, accident or

injury, serious illness or death in immediate family, etc.), and (3) the grade to be awarded to the student in the course if the work is not completed. If, after the time limit stated above, the uncompleted work has not been made up, the grade will automatically be recorded as an “*F*” if the instructor has not designated otherwise by submitting the Incomplete Grade Explanation form. Control and approval of all incomplete grades, including those given for absence from the final examination, will rest with the dean of each college.

- Temporary grades of *S* and *U* may stand until the completion of the thesis or research, at which time final grades of *A*, *B*, *C*, *D* (*plus or minus*), or *F* will be recorded. These grades replace all *S* or *U* grades in preceding periods of enrollment. Students may not graduate if their records contain any temporary grades.

PASS/FAIL GRADE OPTION

Matriculated students may elect to take one course on a pass/fail basis each semester; however, some colleges do not permit pass/fail courses to be used to complete degree requirements. A pass/fail course can only be used as a free elective for the student. Students are encouraged to consult with, and obtain the approval of, their advisers in the selection of courses to be taken under this option. In addition, a course taken on a pass/fail basis cannot be used to fulfill the University multicultural requirement.

The total number of credits taken on a pass/fail basis may not exceed 24 in the baccalaureate degree program, excluding courses that are graded pass/fail only. If students take a “free elective” on a pass/fail basis but later change their college or major to a program in which that particular course is a requirement, the passing grade shall stand and, upon petition to their dean, they may receive credit for the course and be considered to have fulfilled the course requirement.

The instructor will give a regular grade for the student who has elected the pass/fail option. These grades will be maintained permanently and are available to deans, advisers, and committees for review. If the student has a grade of *A*, *B*, *C*, or *D* (*plus or minus*), a grade of *P* will be reported on the report of grades and on the transcript. If a grade of *F* is obtained, the grade of *F* will be recorded on the permanent record. A passing grade will not be counted in the cumulative index. A failing grade under the pass/fail option will be counted in the cumulative index.

REPORTS OF GRADES

At the end of each semester and term, a report of grades is sent to each student. This report shows the college of the University in which the student is registered, the class year, grades and credit hours in all subjects, semester and cumulative scholastic indexes, and academic actions. A student's grades are also available through UDPHONE, the University's voice response telephone line.

Freshmen are issued midsemester grade reports at the end of the seventh week of each semester. These reports indicate grades achieved during the first half of the semester. These grade reports are intended for use in academic advisement only and do not become a part of the student's permanent academic record.

GRADE-POINT INDEX

The cumulative index is computed by dividing the total number of quality points by the total number of quality hours. The quality points for each course are obtained by multiplying the quality point value for each grade by the credits for that course: e.g., a grade of *A* in a three-credit course = 4 quality points x 3 credits = 12 quality points ÷

3 quality hours = 4.0. A minimum average of C, or a scholastic index of 2.0, in all work taken at the University of Delaware is required for the baccalaureate degree. Both term and cumulative indexes are calculated and reported to students after each grading period.

A grade of Z is equal to a grade of F in calculating the index (0 quality points per credit). For courses taken on a Pass/Fail basis, F grades are included in the calculation of the grade-point index, but P grades are not. All other grades for courses taken for credit at the University are included in the calculation of the index, including the first and later grades for courses that have been repeated. The credits for courses repeated to improve a grade are counted only once toward the minimum required for graduation.

DEAN'S LIST

Outstanding academic performance is recognized at the end of the Fall and Spring semesters, when the Dean's List is compiled. Full-time (12 credits/semester) students who have earned a minimum 3.33 GPA for a given semester are honored with Dean's List recognition for that semester. (For students entering prior to the class of 1998, the minimum requirement is a 3.25 semester GPA.)

Students assigned temporary grades are not eligible for inclusion in the Dean's List, unless the grade is in thesis, special problems, or similar courses in which the work is normally continued into the following semester.

SCHOLASTIC STANDING

A student is expected to maintain an overall average of C (2.0 index), and full-time students are expected to complete for credit an average of 12 credits per semester. A student may be placed on probation or dismissed for academic deficiency when the index for any semester is less than 1.25 or the quality-point deficit is more than 12.99 points.

Committee on Undergraduate Records and Certification (CURC): This committee is responsible for implementing University policy regarding scholastic standing. The committee reviews the records of matriculated students at the conclusion of each fall and spring semester. This committee also reviews petitions submitted by students (prior to graduation) regarding scholastic standing. Students must submit petitions through their Dean's Office.

Quality-Point Deficit: Quality point deficits are used to determine scholastic standing; quality point deficits begin to accumulate when a student's cumulative index falls below 2.0. The quality-point deficit is determined by subtracting the cumulative number of quality points from twice the cumulative number of quality hours. (Quality hours are accumulated only for courses receiving grades of A, B, C, D (plus or minus), F, and Z.)

Probation: When a baccalaureate degree candidate has a cumulative index below 2.0, the Committee on Undergraduate Records and Certification places the student on Academic Probation, provided the quality point deficit is 12.99 points or less. Upon the recommendation of the dean of the college in which the student is enrolled, the committee may place a student on probation if the index for any semester is 1.25 or less, even if the cumulative index is above a 2.0. Students on probation may not register for more than 12 credit hours.

Dismissal for Academic Deficiency: A student with a quality-point deficit of more than 12.99 points will be dropped for academic deficiency pending review by the Committee on Undergraduate Records and Certification. A student who has been dropped for academic reasons may, with prior approval of the dean of the college, take courses in the Division of Continuing Education to reduce the quality-point deficit to less than 7. Students should be aware that only final grades of C+ or better will reduce the quality point deficit.

Grades of C- or lower cause the quality point deficit to continue to accumulate. Students dropped at the conclusion of the fall semester will not normally be eligible for readmission to the following spring semester, except with permission of the college dean. (See Procedure for Readmission.)

All dismissed students are reviewed at the conclusion of the fall and spring semesters by the Committee on Undergraduate Records and Certification (CURC). The review occurs in mid-January for students dropped at the conclusion of the fall semester; mid-June, for students dropped at the conclusion of the spring semester. Students with serious extenuating circumstances (documented serious illness or documented personal problems) may petition their dean for potential reinstatement on special probation; the decision to approve such petitions is made by CURC upon the recommendation of the dean.

Reinstatement on Special Probation: Upon the recommendation of the dean of the college in which a student is enrolled, the Committee on Undergraduate Records and Certification may place on Special Probation a student whose *quality-point deficit* is more than 12.99 points. Special Probation will be granted only when there appear to have been extenuating circumstances and there is evidence to suggest that, if given an additional opportunity, the student will be able to meet academic standards.

Students on Special Probation are permitted to continue enrollment with a *quality-point deficit* of more than 12.99 quality points; however, students who do not decrease their *quality-point deficit* will be dismissed. Students on Special Probation who increase their *quality-point deficit* will be dismissed for academic deficiency.

Freshman students in academic difficulty (with more than a 12.99 *quality-point deficit*) at the end of the first semester may be held on special probation through the spring semester. Their registration for the winter session and the spring semester must be supervised by the department or college adviser.

Procedure for Readmission of Undergraduate Students Dismissed for Academic Deficiency: An undergraduate student may be dismissed for academic deficiency when the index for any semester is less than 1.25 or the *quality-point deficit* is more than 12.99 points. The student may become eligible for readmission on reduction of the *quality-point deficit* to less than 7. Students qualifying for readmission will not be guaranteed admission to the program in which they had previously matriculated. The student also may take work at another college or university, again upon prior approval of the dean of the college to which readmission is sought. Since grades are not transferred to the University, work taken at another college or university will not count toward the cumulative index or toward the reduction of the *quality-point deficit*; however, if the grades earned in such work are such that were they to be applied to the University of Delaware index the *quality-point deficit* would be reduced to less than 7, the student may be considered for readmission on Special Probation.

A student who receives permission for readmission and who is dismissed a second time for unsatisfactory scholarship will not be readmitted to the University as a matriculated student seeking degree credit except under conditions specified by the college and the Division of Continuing Education.

Procedure for Readmission of Undergraduate Students for Reasons Other Than Academic Deficiency: An undergraduate student must file a formal application for readmission if the student: (a) was a full-time student who did not notify the Dean of Students or dean of the college in writing of his or her intent not to enroll; (b) was separated for disciplinary reasons; (c) had a break in enrollment of 15 months; or (d) has completed a degree program and desires to enroll in a new degree program.

All students readmitted to the University will be subject to the current requirements of the program and college in which they enroll. Exceptions to this policy may be made by the dean of the college.

Insofar as possible, prior course work will be accepted toward the degree. Course work that has been taken more than seven calendar years earlier will be reviewed for applicability. An individual department may require repetition of "outdated" courses.

A student seeking readmission may obtain an application for readmission from the Admissions Office. A fee of \$25 is charged for the processing of the application. The application for readmission must be submitted not later than July 15 for the fall semester and not later than January 4 for the spring semester.

Inquiries regarding the procedures for readmission may be directed to the Admissions Office.

ACADEMIC LEAVE OF ABSENCE

Undergraduate students who wish to engage in activities related to their educational objectives that require them to discontinue registration at the University for a period not to exceed one year may be eligible upon approval of the dean of their college for a Leave of Absence. Students should consult with their deans regarding appropriate procedures to be followed in order to be granted an Academic Leave of Absence.

MEDICAL LEAVE OF ABSENCE POLICY

A matriculated undergraduate student who needs to discontinue his or her studies for medical reasons (e.g., surgery, pregnancy, illness, rehabilitation, and other health-related circumstances) can request a medical leave of absence. A medical leave of absence can be granted for a maximum of two semesters. When the student applies for the leave, verification for the medical leave of absence must be presented to the dean of the college in which the student is enrolled. If the leave is granted, the student may continue in the same program in which he or she had been enrolled prior to the leave. The student is not severing his or her connection with the University and is eligible to continue his or her studies without applying for readmission. If the student is unable to return at the conclusion of the leave, his or her dean should be consulted.

The granting of this medical leave in no way negates the student's financial responsibility to the University. If the student is a financial aid recipient, he or she should contact the Financial Aid Office. If the student is insured under the University's Health Insurance plan, the insurance will be in effect only during the year (September 1 through August 31) in which the student was enrolled; coverage will not extend beyond that period.

WITHDRAWAL FROM THE UNIVERSITY

Students may interrupt their studies for two consecutive semesters (not counting summer and/or winter session, up to 15 months) and remain on record as active. This grace period begins at the end of the last semester during which the student was enrolled. Students who enroll during the grace period need not apply for readmission to the University in order to register for classes.

Students withdrawing prior to the beginning of the Fall or Spring semesters or prior to the Academic Penalty Deadline (after the sixth week for upperclass students and after the eighth week for first semester freshmen) may do so without academic penalty by filling out the *Withdrawal/Leave Notification Form* through the Dean of Students Office, 218 Hulliher Hall.

Withdrawals and leaves after the Academic Penalty Deadline (after the sixth week for upperclass students and after the eighth week for first semester freshmen) require permission from the assistant/associate dean of the student's college. To initiate this process, the student should make an appointment with their college's assistant/associate dean. The dean's approval is granted only when non-academic extenuating circumstances exist, i.e. serious illness,

emotional difficulties, or an emotional crisis. Documentation by a physician or a counseling professional must be presented when requesting the dean's approval. The dean's approval will not be given because of failing grades, circumstances resulting from a change in major, or a student error in registration.

Students who decide to withdraw from the University after the Academic Penalty Deadline and who are failing in certain courses at the time of withdrawal will receive a failing grade in these courses if the dean of the student's college indicates that the withdrawal is with penalty.

A member of the Dean of Students professional staff will be available to discuss any concerns students might have involving the official withdrawal procedure. Any questions can be directed to the Dean of Student's Office, 218 Hulliher Hall, (302) 831-8939 or to the dean of the student's college.

REQUIREMENTS FOR GRADUATION

Baccalaureate Degree. Each student must satisfy the following general requirements for graduation in addition to the academic requirements of the particular college and curriculum chosen:

- The attainment of a scholastic average of C (a cumulative index of 2.0) in all work taken at the University.
- The satisfaction of the residence requirement by completing either the first 90 credits or the last 30 credits, full- or part-time, at the University of Delaware.
- One semester of Freshman English (ENGL 110), completed with a minimum grade of C-
- Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender related content. The purpose of the multicultural requirement is to provide students with some awareness of and sensitivity to cultural pluralism—an increasing necessity for educated persons in a diverse world. This requirement may be fulfilled through a course or courses taken to complete other course requirements, but cannot be fulfilled with any course taken on a pass/fail basis.

MULTICULTURAL REQUIREMENT COURSES

Anthropology

ANTH 101	Introduction to Social and Cultural Anthropology
ANTH 222	Technology and Culture
ANTH 225	Peasant Societies
ANTH 228	Peoples and Cultures of the Southwest
ANTH 229	Indians of North America
ANTH 230	Peoples of the World
ANTH 251	Introduction to Ethnic Arts
ANTH 259	Hunting Societies
ANTH 260	Sociocultural History of Africa
ANTH 261	Peoples and Cultures of the Middle East
ANTH 265	High Civilizations of the Americas
ANTH 269	Early Civilizations of the Old World
ANTH 320	Prehistory of North America
ANTH 323	Prehistory of South America
ANTH 324	Old World Archaeology
ANTH 327	Peoples of the Caribbean
ANTH 330	Development and Underdevelopment
ANTH 333	Peoples of Africa
ANTH 337	South American Indians
ANTH 338	Arts and Crafts of Native South America
ANTH 363	Women in Cross-Cultural Perspective (cross-listed with WOMS 363)
ANTH 368	Anthropology of Slavery
ANTH 370	Culture of Food Production and Economic Development
ANTH 375	Peoples and Cultures of Modern Latin America
ANTH 380	Peoples and Cultures of Mexico and Central America
ANTH 401	The Idea of Race
ANTH 410	Archaeological Analysis of Material Culture
ANTH 451	Myth and Culture
ANTH 457	Survey of African Art (cross-listed with ARTH 457)

Art History

- ARTH 155 Asian Art
 ARTH 161 Art in East and West
 ARTH 209 Early Medieval Art 200-1000 AD
 ARTH 233 Art of China
 ARTH 234 Art of Japan
 ARTH 235 Art of India
 ARTH 236 The Arts of Islam
 ARTH 321 History of Afro-American Art (cross-listed with BAMS 320)
 ARTH 457 Survey of African Art (cross-listed with ANTH 457)

Black American Studies

- BAMS 110 Introduction to Black American Studies
 BAMS 134 History of Africa (cross-listed with HIST 134)
 BAMS 205 Contemporary Afro-American Issues
 BAMS 206 Survey of Afro-American Culture
 BAMS 210 African Civilizations and World History
 BAMS 212 Afro-Caribbean Life and Culture
 BAMS 220 The American Civil Rights Movement
 (cross-listed with HIST 220)
 BAMS 304 History of Black America to the Civil War
 (cross-listed with HIST 325)
 BAMS 306 History of Black America Since the Civil War
 (cross-listed with HIST 326)
 BAMS 307 Black Thought and Philosophy (cross-listed with PHIL 307)
 BAMS 308 Delaware Black History
 BAMS 309 History of Black Nationalism
 BAMS 312 Institutions and Race
 BAMS 313 African American Literature I (cross-listed with ENGL 344)
 BAMS 320 History of Afro-American Art (cross-listed with ARTH 321)
 BAMS 322 Black Politics (cross-listed with POSC 322)
 BAMS 324 Afro-American Music
 BAMS 330 Rhetoric of Black America
 BAMS 331 History of Caribbean I (cross-listed with HIST 331)
 BAMS 332 History of Caribbean II (cross-listed with HIST 332)
 BAMS 355 Race, Class and Crime (cross-listed with CRJU 355)
 BAMS 361 Race, Power and Social Conflict (cross-listed with SOCI 361)
 BAMS 395 Pan Africanism (cross-listed with HIST 395)
 BAMS 415 Race, Class and Gender (cross-listed with SOCI 415)
 BAMS 432 Psychological Perspectives: Black American
 (cross-listed with PSYC 416)
 BAMS 433 Economic Development and Black America
 BAMS 434 Politics and Black America
 BAMS 440 Themes in Black American Studies

Communication

- COMM 263 International Social Conduct

Comparative Literature

- CMLT 314 Intro to Folklore and Folklife (cross-listed with ENGL 314)

Criminal Justice

- CRJU 332 Criminal Violence in America
 CRJU 350 Women and Criminal Justice (cross-listed with WOMS 350)
 CRJU 355 Race, Class and Crime (cross-listed with BAMS 355)

Center for Science and Culture

- CSCC 233 Women, Biology and Medicine (cross-listed with WOMS 233)
 CSCC 242 Society and the Health Professions (cross-listed with SOCI 242)
 CSCC 271 Comparative Medical Systems

Economics

- ECON 381 Economics of Human Resources
 ECON 418 Economic History of American Labor Markets

Educational Development

- EDDV 612 Ethnic Studies and Multicultural Education
 EDDV 699 Foundations of Adult and Postsecondary Education

Educational Studies

- EDST 201 Education in a Multicultural Society
 EDST 247 Historical Foundations of Education
 EDST 258 Cultural Diversity, Schooling, and Teachers
 EDST 290 History of Women and Education
 (cross-listed with HIST 290 and WOMS 290)

- EDST 476 Second Language Acquisition and Bilingualism
 (cross-listed with LING 476)
 EDST 676 Bilingualism and Language (cross-listed with LING 676)

English

- ENGL 214 Literature and Gender (cross-listed with WOMS 214)
 ENGL 314 Introduction to Folklore and Folklife
 (cross-listed with CMLT 314)
 ENGL 344 Black American Literature I (cross-listed with BAMS 313)
 ENGL 345 Black American Literature II
 ENGL 379 Introduction to Ethnic and Cultural Studies
 ENGL 380 Women Writers (cross-listed with JWST 380 and WOMS 380)
 ENGL 381 Women in Literature (cross-listed with WOMS 381)
 ENGL 382 Studies in Multicultural Literature in English
 (cross-listed with JWST 382 and WOMS 382)

Foreign Languages and Literatures

- FLIT 380 Topics in Japanese Culture in Translation

French

- FREN 207 Contemporary Caribbean World

Geography

- GEOG 102 Human Geography
 GEOG 120 World Regional Geography
 GEOG 203 Introduction to Cultural Geography
 GEOG 226 Geography of Latin America
 GEOG 236 Conservation: Global Issues
 GEOG 240 Environment and Behavior
 GEOG 346 Urban Cultural Geography
 GEOG 460 Women in International Development
 (cross-listed with SOCI 460)

History

- HIST 103 World History to 1648
 HIST 104 World History: 1648 to present
 HIST 130 Islamic Near East: 600 to 1500
 HIST 131 Islamic Near East: 1500 to present
 HIST 134 History of Africa (cross-listed with BAMS 134)
 HIST 135 Introduction to Latin American History
 HIST 137 East Asian Civilization: China
 HIST 138 East Asian Civilization: Japan
 HIST 220 The American Civil Rights Movement
 (cross-listed with BAMS 220)
 HIST 270 History of Modern Asia
 HIST 290 History of Women and Education
 (cross-listed with EDST 290)
 HIST 291 Women's History through Film (cross-listed with WOMS 291)
 HIST 300 Women in American History (cross-listed with WOMS 300)
 HIST 325 History of Black America to the Civil War
 (cross-listed with BAMS 304)
 HIST 325 History of Black America since the Civil War
 (cross-listed with BAMS 306)
 HIST 330 Peasants and Revolution in Africa
 HIST 331 History of Caribbean I (cross-listed with BAMS 331)
 HIST 332 History of Caribbean II (cross-listed with BAMS 332)
 HIST 333 The Age of Confucius
 HIST 334 History of Mexico
 HIST 335 History of Colonial Latin America
 HIST 368 Modern China: 1600 to 1920's
 HIST 369 China Since 1900
 HIST 377 Radicalism and Revolution:
 Islamic Movement/Modern Middle East
 HIST 378 Nationalism in the Modern Middle East
 HIST 390 History of Modern Southeast Asia
 HIST 392 History of Modern Japan
 HIST 393 History of Modern Vietnam
 HIST 394 Africa Since 1960
 HIST 395 Pan Africanism (cross-listed with BAMS 395)
 HIST 397 History of South Africa
 HIST 430 Twentieth-Century Latin American Revolutions
 HIST 440 Africa Under Colonial Rule
 HIST 477 Studies in Latin American History
 HIST 479 Studies in Asian History
 HIST 630 Twentieth-Century Latin American Revolutions

Health, Physical Education and Recreation

- HPER 424 Sport Sociology
 HPER 485 Women in Sports (cross-listed with WOMS 484)

Individual and Family Studies

- IFST 202 Foundations of Family Studies
 IFST 346 Delivery of Human Services
 IFST 460 Women in International Development
 (cross-listed with SOCI 460)

Japanese

- JAPN 205 Japanese Conversation
 JAPN 206 Culture through Conversation
 JAPN 208 Contemporary Japan I

Linguistics

- LING 101 Introduction to Linguistics
 LING 102 Language, Mind and Society
 LING 203 Languages of the World
 LING 222 Language and Gender (cross-listed with WOMS 222)
 LING 476 Second Language Acquisition and Bilingualism
 (cross-listed with EDST 476)
 LING 676 Bilingualism and Language (cross-listed with EDST 676)

Music

- MUSC 119 Gamelan Traditions of Indonesia
 MUSC 121 Gamelan Ensemble
 MUSC 205 Music of the Non-Western World
 MUSC 206 Music of China, Korea and Japan

Nutrition and Dietetics

- NTDT 255 Multicultural Food Habits
 NTDT 475 Transcultural Food Habits

Philosophy

- PHIL 204 World Religions
 PHIL 208 Introduction to Jewish Philosophy
 PHIL 210 Women and Religion (cross-listed with WOMS 210)
 PHIL 216 Introduction to Feminist Theory (cross-listed with WOMS 216)
 PHIL 307 Black Thought and Philosophy (cross-listed with BAMS 307)
 PHIL 309 Indian Religion and Philosophy
 PHIL 310 Chinese Religion and Philosophy
 PHIL 338 Topics in Philosophy and Gender
 (cross-listed with WOMS 338)
 PHIL 392 Honors Colloquium (cross-listed with WOMS 392)

Plant Science

- PLSC 100 Plants and Human Culture

Political Science

- POSC 270 Comparative Politics
 POSC 311 Politics of Developing Nations
 POSC 312 East Asian Political Systems
 POSC 321 Minority Group Politics
 POSC 322 Black Politics (cross-listed with BAMS 322)
 POSC 323 Introduction to Women and Politics
 (cross-listed with WOMS 323)
 POSC 372 East Central European Politics
 POSC 426 Latin American Political Systems
 POSC 427 Politics in China
 POSC 428 Politics in Japan
 POSC 431 Latin American Politics: Countries
 POSC 432 Political System: Post Soviet Union
 POSC 433 African Politics
 POSC 439 Problems: African Politics
 POSC 443 China and the World
 POSC 450 Problems of Latin American Politics
 POSC 632 Political System: Post Soviet Union
 POSC 650 Problems of Latin American Politics

Psychology

- PSYC 333 Psychology of Women (cross-listed with WOMS 333)
 PSYC 416 Psychological Perspectives on the Black American
 (cross-listed with BAMS 432)

Russian

- RUSS 205 Russian Conversation

Sociology

- SOCI 206 Women and Work (cross-listed with WOMS 206)
 SOCI 211 Men, Conflict and Social Change
 (cross-listed with WOMS 211)
 SOCI 213 Men and Women in American Society
 (cross-listed with WOMS 213)
 SOCI 242 Society and Health Professions (cross-listed with CSCC 242)
 SOCI 308 The Family
 SOCI 361 Race, Power and Social Conflict (cross-listed with BAMS 361)
 SOCI 380 Development and Modernization
 SOCI 415 Race, Class and Gender
 (cross-listed with BAMS 415 and WOMS 415)
 SOCI 460 Women in International Development
 (cross-listed with GEOG 460, IFST 460 and WOMS 460)
 SOCI 607 Sociology of Sex and Gender (cross-listed with WOMS 607)

Spanish

- SPAN 326 Latin American Civilization and Culture
 SPAN 447 Contemporary Hispanic Fiction by Women
 SPAN 647 Contemporary Hispanic Fiction by Women

Textiles, Design and Consumer Economics

- TDCE 213 Twentieth-Century Design: Ethnic Influence
 TDCE 313 Multicultural Fashion Accessories

Women's Studies

- WOMS 201 Introduction to Women's Studies
 WOMS 202 Introduction to International Women's Studies
 WOMS 204 Gender and Knowledge
 WOMS 205 Women in the Arts and Humanities
 WOMS 206 Women and Work (cross-listed with SOCI 206)
 WOMS 207 Women, Power and Success
 WOMS 210 Women and Religion (cross-listed with PHIL 210)
 WOMS 211 Men, Conflict and Social Change
 (cross-listed with SOCI 211)
 WOMS 212 Motherhood in Culture and Politics
 WOMS 213 Men and Women in American Society
 (cross-listed with SOCI 213)
 WOMS 214 Literature and Gender (cross-listed with ENGL 214)
 WOMS 216 Introduction to Feminist Theory (cross-listed with PHIL 216)
 WOMS 222 Language and Gender (cross-listed with LING 222)
 WOMS 233 Women, Biology and Medicine (cross-listed with CSCC 233)
 WOMS 240 Women and Violence
 WOMS 290 History of Women and Education (cross-listed with EDST 290)
 WOMS 291 Women's History through Film (cross-listed with HIST 291)
 WOMS 300 Women in American History (cross-listed with HIST 300)
 WOMS 323 Introduction to Women and Politics
 (cross-listed with POSC 323)
 WOMS 333 Psychology of Women (cross-listed with PSYC 333)
 WOMS 335 Women and Mental Health
 WOMS 338 Topics in Philosophy and Gender (cross-listed with PHIL 338)
 WOMS 350 Women and Criminal Justice (cross-listed with CRJU 350)
 WOMS 363 Women in Cross-Cultural Perspective
 (cross-listed with ANTH 363)
 WOMS 380 Women Writers (cross-listed with ENGL 380)
 WOMS 381 Women in Literature (cross-listed with ENGL 381)
 WOMS 382 Studies in Multicultural Literature in English
 (cross-listed with ENGL 382)
 WOMS 392 Honors Colloquium (cross-listed with PHIL 392)
 WOMS 415 Race, Class and Gender (cross-listed with SOCI 415)
 WOMS 460 Women in International Development
 (cross-listed with SOCI 460)
 WOMS 470 Seminar
 WOMS 484 Women in Sports (cross-listed with HPER 485)
 WOMS 498 Internship in Women's Studies
 WOMS 607 Sociology of Sex and Gender (cross-listed with SOCI 607)

Honors Baccalaureate Degree: Within the requirements of the baccalaureate degree, the Honors degree is awarded to those students achieving a 3.4 cumulative grade index and satisfying the following: 30 credits of designated Honors courses, a senior thesis or project, and a written examination in the major subject. Individual department requirements may vary. (See also Honors Program in the Special Programs section.)

Associate Degree: See Associate Degree Programs in the Undergraduate Admissions section of this catalog.

Double Major: This involves fulfilling the major requirements of two Bachelor of Arts or two Bachelor of Science majors. Admission to double major status requires the approval of both departments and the dean(s) of the college(s). The minimum grade necessary in all courses required for the double major is the same as that needed for a single major in that degree program.

ACADEMIC HONORS

The following rules for honors apply:

- *Summa Cum Laude.* The top 1 percent of the students of each undergraduate college's graduating class will receive the degree Summa Cum Laude providing that each student obtains a minimum overall index of 3.75 at the end of his or her course of study.
- *Magna Cum Laude.* The next 4 percent of the students of each undergraduate college's graduating class will receive the degree Magna Cum Laude providing that each student obtains a minimum overall index of 3.5 at the end of his or her course of study.
- *Cum Laude.* The next highest 8 percent of the students of each undergraduate college's graduating class will receive the degree Cum Laude providing that each student obtains a minimum overall index of 3.25 at the end of his or her course of study.

Degree with Distinction in a Major Field. Students may also earn a Degree with Distinction in their major field upon completion of special and independent research during the senior year. Application to enroll in this program must be made before the end of the junior year. The applicant is expected to have attained a general scholastic index of not less than 3.0 and an index of not less than 3.5 in the major at the end of the junior year.

1. Computation of Grade-Point Average (GPA) for academic major:
 - a. Students with a single major: GPA will be computed on courses of program requirements that satisfy the major.

- b. Students with a double major: GPA will be computed on the major in which the thesis is to be written. Students with a double major have the option of integrating their two majors into a single thesis. The GPA in each major must be 3.5. The thesis committee must include representatives from both of the majors.
- c. Students seeking the degree of Bachelor of Arts in Liberal Studies: GPA will be computed using the upper-division level courses (prefix of 300 or 400) that are specified in the student's contract on file in the Dean's Office, College of Arts and Science.

2. Students enrolled for Senior Thesis leading to the Degree with Distinction and also enrolled for Honors Senior Thesis leading to the Honors Degree must complete two distinct theses, each of which must stand on its own merit. The theses may be related but must not in any essential way duplicate one another. Evidence that two distinct theses have been prepared to satisfy the requirements of each degree program must be provided by the student.
3. The thesis for the Degree with Distinction must include a title page that provides for the following required signatures:
 - a. Student's departmental thesis adviser;
 - b. Faculty member from the student's thesis committee;
 - c. Committee member, Faculty Senate Committee on Student and Faculty Honors;
 - d. Chair, Faculty Senate Committee on Student and Faculty Honors.

Top Index Graduating Senior. Each year, an award is made to the graduating senior who has achieved the highest index earned in full-time study toward the degree. To be eligible for the award, the graduating senior must have earned at least 75 percent of the total credits required for the degree at the University and must have averaged a minimum of 15 credits per semester.

Panel of Distinguished Seniors. An award is granted to one graduating senior from each undergraduate college who has achieved a cumulative index of at least 3.5 and who has averaged a minimum of 15 credits per semester. Outstanding personal qualities shall influence the choice of the student. To be eligible for consideration, the graduating senior must have earned at least 75 percent of the total credits required for the degree at the University of Delaware.

COMMENCEMENT AND DEGREE CONFERRAL

Degrees are conferred at the two commencement ceremonies following the spring and fall semesters. Participation by candidates for degrees in the commencement exercises is optional. All degree candidates will receive instructions concerning commencement from the University Marshall in their final semester. The University also confers degrees following the second summer session.



RESOURCES FOR STUDENTS

- **University Libraries**
- **Information Technologies**
- **Academic Services Center**
- **ACCESS Centers**
- **English Language Institute**
- **Foreign Student and Scholar Services**
- **Preparatory Math Center**
- **University Writing Center**

UNIVERSITY LIBRARIES

The University of Delaware Libraries include the Hugh M. Morris Library, where the main collections are housed, three branch libraries on the Newark campus - the Agriculture Library, the Chemistry Library, and the Physics Library - and a fourth branch, the Marine Studies Library in Lewes, Delaware. The Library's collections parallel the University's academic interests and support all disciplines. Books, periodicals, microforms, government publications, computer data bases and software, maps, manuscripts, and media provide a major academic resource. The Libraries provide a wide range of services including computerized literature searches, reference assistance, interlibrary loan, instructional programs, and assistance to the visually impaired.

The Libraries contain over 2,100,000 volumes of books and journals with an additional 400,000 government publications; over 2,600,000 items in microtext; over 120,000 maps; over 4,000 video cassettes and films; and maintain subscriptions to over 19,000 periodicals. The collections are broadly based and comprehensive, with emphasis on the social sciences, humanities, and science and engineering. Special Collections holdings include the Delaware Collection, the Unidel History of Chemistry Collection, the Unidel History of Horticulture & Landscape Architecture Collection, manuscripts such as the papers of Tennessee Williams and William Butler Yeats, and archives including those of American Poetry and the Bird and Bull Press. The Library is a depository for publications of the U.S. Government and for patents issued by the U.S. Office of Patents and Trademarks.

The Morris Library provides seating for approximately 3,000, areas devoted to computer-based systems, a periodical reading room, a Special Collections area including an exhibition gallery and a reading room with controlled environmental system for rare materials, a microcomputing center, special equipment for the visually impaired, and a media viewing room.

DEL-CAT is the University Library's online catalog which contains information on materials located in the Morris Library and all branch libraries. DEL-CAT may be accessed via dedicated worksta-

- **Center for Counseling and Student Development**
- **Career Services Office**
- **Affirmative Action and Multicultural Programs**
- **College Level Support Programs**
- **Women's Affairs**

tions in the Libraries, through the campus network (UDiscover!), through the Internet, and by telephone and computer modem. DEL-CAT is available throughout the State of Delaware by local, toll-free telephone numbers. In addition, there is free online electronic access to a number of computerized resources, including databases, journal article references and abstracts, full-text electronic articles, government information and maps, and worldwide Internet access. Additional computerized searches through commercial databases are available for a small fee.

For further information, call (302) 831-2965. For Library hours, call (302) 831-BOOK.

INFORMATION TECHNOLOGIES

The technological resources available to University students are unparalleled on any campus. Over 700 miles of fiber optics and cable form a network that connects everyone at the University of Delaware to one another and to the information highway. Video, data and telephone technologies ease and speed communication among students, among students and faculty, and among students and administrative offices.

Students at the University use a wide array of technology in completing assignments and preparing for their careers. Students in all disciplines may use electronic mail, word processing, desktop publishing software, and other specific computer applications on campus microcomputers, University central systems, and the Internet, the largest international computing network. Students with a valid University I.D. may use a wide range of computing sites on campus (see chart); students who have their own computers can access computing and information resources—on campus and on the Internet—directly from their residence hall rooms.

After demonstrating an awareness of responsible computing practices, all students are eligible for a free "electronic mailbox" for sending and receiving electronic mail, around the campus or around the world. This service also allows access to electronic bulletin boards on a myriad of subjects, including career opportunities in various fields.

Computing Sites at a Glance

As of February 1995

Site Location	Computer Hardware					Printers		Scanners	Affiliation	Phone Number
	Network Access	IBM & Compatibles	Macintosh	Sun	Terminals	Laser	Draft			
Alison Hall Annex, 205		11							Textiles, Design and Consumer Economics	None
Amy DuPont Music Building, 116		9	2			✓			Music	831-2477
Cannon Lab, Lewes, DE, 205	✓	8	2		4	✓	✓		Marine Studies	55-4230
Carpenter Sports Building, 111	✓	20	1			✓			Physical Education	831-6292
Christiana Commons ^a , 121	✓	9	9		2	✓			General Access	831-1474
Dickinson C/D Residence Hall	✓	26				✓	✓		General Access	831-1620
Drake Hall, 208	✓	10	10			✓			Chemistry	831-8953
DuPont Hall ^a , 138	✓	8				✓	✓		Engineering	831-6345
DuPont Hall, 340	✓	14				✓			Engineering	831-6878
Ewing Hall, 206	✓			25		✓			Mathematical Sciences	None
Graham Hall, 179	✓			25		✓			Mathematical Sciences	None
Harrington Commons ^c , 105	✓	21	21		3	✓		✓	General Access	831-6304
Honors Center ^a (180 S. College Ave.)	✓	2			1		✓		General Access	831-2734
McDowell Hall, 111/113	✓	25				✓	✓	✓	Nursing/Math Sciences	831-2262
Memorial Hall, 034	✓	31				✓		✓	English	831-3683
Morris Library ^c , 005, 006 & 007	✓	31	20			✓	✓	✓	General Access	831-8481
Pearson Hall, 006	✓	22					✓		Math Center	831-2140
Pearson Hall Training Center ^a , 114	✓				24	✓			General Access	831-8004
Pearson Hall, 115	✓			8		✓			Computer and Information Sciences	None
Pearson Hall Training Center ^c , 116	✓	31	26		2	✓	✓	✓	General Access	831-1413
Purnell Hall, 024 & 026	✓	38	20			✓	✓	✓	Business & Economics	831-6853
Recitation Hall ^c , 202	✓		19			✓	✓	✓	General Access	831-4080
Robinson Hall ^a , 001	✓	4				✓	✓		Marine Studies	831-8723
Smith Hall ^c , 002	✓	6	5		36	✓	✓	✓	General Access	831-6000
Smith Hall, 211	✓	28	2	2		✓	✓	✓	Foreign Lang. & ELI	831-6551
Spencer Lab, 010	✓	20	12			✓		✓	Engineering	831-6674
Townsend Hall, 220, 220D & 223	✓	21	3		18	✓	✓		Agricultural Sciences	831-4073
Willard Hall Education Bldg. ^a , 009B	✓				22	✓			General Access	831-2497
Willard Hall Education Bldg. ^b , 203-I	✓	3	3				✓		Education	831-6305

^aSite does not have local area network.

^bSite has 19 Apple II computers.

^cSite equipped with CD-ROM drive(s).

Feel free to call a computing site to determine what software is available and to reserve a computer.

Students can use U-Discover!, the online campus-wide information service, to find a wide range of information about the University and the world. The University's Student Information System (SIS/Plus) lets students quickly verify course schedules and check their own grade reports, semester bill status and financial aid awards. SIS/Plus is available at various locations across the campus and is available via the campus network to students with computers in their residence hall rooms.

Toll-free access to the University's computer network (UDelnet) is available by modem from all areas of the State of Delaware. The modem pools support 1200, 2400, 9600, and 14,400 baud communications through the following telephone numbers:

New Castle County.....831-6435

Kent County.....734-1472

Sussex County.....645-4052

Two additional telephone lines supporting slower modem speeds (300/1200/2400 baud) are available in New Castle County only: 831-6150 and 831-6152. Call the Help Desk at 831-6000 for information on choosing the appropriate dial-up number.

Students with questions about computing hardware, software, voice mail or any other information technology at the University of Delaware can obtain help from consultants at the Microcomputing Resource Center, the Help Desk telephone line at 831-6000, and through electronic mail. In addition, students also have the opportunity to attend free classes on the use of microcomputers, central computing systems, and the Internet.

Students interested in computer purchases can consult the staff of the Microcomputing Resource Center for recommendations on the equipment and software that best fit their needs. Having made a selection, students can purchase hardware and software at reduced rates from the Computer Warehouse on campus.

From any Touch-Tone phone, students can call the University's Interactive Voice Response System (IVR) to change their class registration or to renew library materials—whether the library is open or not.

The University of Delaware's Voice Mail (v-mail) system makes it easy and convenient for students to keep in touch with friends, faculty and family. All students at the University of Delaware have a private voice mailbox that will remain the same during their entire career here. A student's private mailbox can be reached from any telephone, whether or not the student opts to live in a University residence hall.

In addition to the telephone answering service (v-mail), sophisticated telephone service in residence halls includes such features as call waiting, call transfer, conference calling, automatic call back and distinctive ringing.

University of Delaware Television (UDTV) broadcasts 48 channels of programming, including the major networks CNN, MTV and C-Span, to residence hall rooms and classrooms, as well as lounges, dining facilities, and other locations across the campus. Instructional video is broadcast, too, and some classes include special viewings as part of course requirements. A UD information channel shares a schedule of events on campus and notices of interest to students. Students have the opportunity to participate in the programming of the Student Life channel (SLTV) (see the chapter on Student Life and Activities for more information). The cable system also provides improved FM radio reception on campus.

For further information about information technology for students, call the Information Technologies Help Desk (302) 831-6000, and see the "Computing Sites at a Glance" chart on the previous page.

ACADEMIC SERVICES CENTER (ASC)

The Academic Services Center (ASC) offers activities that provide undergraduate students with extensive academic assistance through individual tutoring, group study sessions, mentoring, academic suc-

cess and study skills workshops, personal and social advising and referral assistance, throughout the year. These programs and activities are designed to help students maximize their academic performance while pursuing their degree programs.

Tutorial Services: Individual and group tutoring are available in a wide range of subject areas. All tutors have faculty recommendations and are screened by the ASC. In addition to the services mentioned above, the ASC publishes a directory of tutors for students who wish to select and pay for their own tutors. This **Tutorfind** directory is available in the Academic Services Center and is updated regularly. Tutorfind lists also are made available to departments and local community agencies each semester.

Learning Disabilities Services: Services for students with learning disabilities include diagnostic tutoring, educational consultation, test accommodations, and individual and group tutoring. Students who wish to use these services should bring documentation of the disability to the ASC. Students who have not been tested, yet believe that they are eligible to use LD services, should make an appointment for consultation. At this time, staff will assist in identifying University students who may be at academic risk as a result of learning disabilities, including students who have suffered head injuries. One of the Academic Services staff will review testing for individuals who are seeking special help for learning disabilities.

The ASC also offers a number of special programs for undergraduates. It offers an academically intensive five-week, residential **Summer Enrichment Program** to a limited number of incoming freshmen, accepted to the University of Delaware, who would benefit from these academic support activities prior to their first semester. This Summer Enrichment Program enables selected freshmen to become acclimated to the campus during the summer immediately preceding their first semester at the University, to take course work in mathematics and English, and to participate in a variety of academic support and enrichment activities. Incoming freshmen, accepted to the University of Delaware through the Parallel Program, may also attend this session through the Summer Qualifier Program to earn a place on the Newark campus. Students demonstrate their readiness to begin their freshman year on the main campus by successfully completing the five-week residential Summer Enrichment Program.

The John Henry Taylor Scholars Program is designed specifically for African American and Hispanic students pursuing degrees in the fields of mathematics and science. John Henry Taylor Scholars are given the opportunity to participate in individual and group tutorials, mentoring, study skills, undergraduate research and enrichment activities. The program is designed to assist academically able students, and provides opportunities for leadership. John Henry Taylor Scholars are invited to begin their studies in the Summer Enrichment Program.

The Student Support Services Program is funded by the U.S. Department of Education. This particular program is designed to provide academic assistance to selected students (financially disadvantaged, disabled, and/or first-generation college students) who have demonstrated the potential to succeed in post-secondary education.

The Academic Advancement Scholars Program provides mentoring and/or academic assistance to selected African American scholarship recipients. Program counselors work with scholars to provide advisement, career exploration and individual assistance, to ensure their ongoing academic success.

For more information, please contact the Academic Services Center location for **College Programs**, George Evans House, 5 West Main Street, Newark, DE 19716, (302) 831-2805.

ACCESS CENTERS

The Adult Centers for Continuing Education Student Services (ACCESS) provide career counseling and interest assessment, educational planning and academic advisement, and administrative assistance to current and potential continuing education students. Offices are located in Newark at Clayton Hall, in Wilmington at the Wilcastle Center, in Dover at the Air Force Base and at the University of Delaware Classrooms on the Terry Campus of Delaware Technical & Community College, and in Georgetown at the Higher Education Building on the Southern Campus of Delaware Technical & Community College. Daytime and weekday evening appointments may be arranged by calling (302) 831-2741. Administrative help is available for those planning to register for credit and noncredit courses.

ENGLISH LANGUAGE INSTITUTE

The English Language Institute is a University support service for foreign students who need to improve their language skills for graduate or undergraduate study. The Institute offers six levels of intensive language instruction, which address listening, speaking, reading and writing skills. For graduate and undergraduate students, the Institute offers two courses in English for Academic Purposes. One focuses on developing the oral/aural skills necessary for such academic activities as notetaking, oral presentations, and seminar discussions, and the other emphasizes composition skills necessary for research and college writing and reading skills for improving speed and comprehension. Students in the Institute receive tutoring as well as listening and reading laboratory instruction, and access to the computer-assisted learning system and special English lessons. Additional programs offered by the Institute include a testing preparation course to develop skills strategies for taking the language proficiency sections of such tests as the TOEFL; and a business English course, which focuses on English usage in international business. Private tutoring in language skills is also available. The Institute is located at 189 West Main Street, Newark, DE. For further information, call (302) 831-2674.

FOREIGN STUDENT AND SCHOLAR SERVICES

Foreign Student and Scholar Services offers a support system for undergraduate students, graduate students, English Language Institute students and visiting scholars as well as for their immediate families. Services offered include immigration regulations, academic and personal counseling, tax laws, and cultural adaptation. Information on travel abroad, employment abroad, travel advisories, International Student Identity Cards and Youth Hostel memberships are also available.

Foreign Student and Scholar Services is located at 4 Kent Way. For further information, please call (302) 831-2115. The University is permitted under federal law to enroll non-immigrant foreign students.

PREPARATORY MATH CENTER OF THE DEPARTMENT OF MATHEMATICAL SCIENCES

The Math Center provides instructional support for the lower level mathematics courses at the University, including tutorial assistance in MATH 012, MATH 010, all one hundred level math courses, MATH 221 and MATH 241. It is staffed by qualified graduate and undergraduate students and instructional professionals. Resources include sample exams, answer texts and a variety of math textbooks focusing on algebra and precalculus. Twenty computer stations are available with various mathematics programs such as function plotters.

The Center's classroom is located in 006A Pearson Hall. For further information, call (302) 831-2140.

UNIVERSITY WRITING CENTER

The primary purpose of the University Writing Center is to provide University students with individualized instruction in writing. Students at any level and from any discipline may attend the Center free of charge. Writing Center instructors work one-on-one both with weak writers who need an intensive program in order to succeed in University course work and with accomplished writers who wish to improve a particular aspect of their writing. Students may attend on a one-time basis or may set up a regular course of instruction with an instructor. They may come to the Center at any stage of the writing process: deciding on a topic, organizing information, revising a draft, documenting sources, or self-editing for grammar, logic, word use, and punctuation. The emphasis of writing conferences is on teaching students to revise and edit their own work.

The Writing Center also offers workshops upon request on such topics as writing research papers, preparing for essay exams, writing about literature, and using correct grammar and punctuation. International students may attend the Center for help with communication skills.

The Writing Center staff are experienced full- and part-time faculty and teaching assistants from the English Department. The Center, located in 015 Memorial Hall, is open from 9:00 a.m. to 12 noon and 1:00 p.m. to 5:00 p.m. Monday through Friday, and from 6:00 to 9:00 Monday through Thursday evenings. Although appointments are not required, students are encouraged to reserve a time by calling the Center at (302) 831-1168.

CENTER FOR COUNSELING AND STUDENT DEVELOPMENT

The services of the Center for Counseling and Student Development include individual counseling, group counseling, growth groups, career development programs, a career library, paraprofessional training, special interest workshops, and consultations with University groups and individuals. These services are available to all matriculated students who pay the Student Health fee. The Center is staffed by counselors who are trained to assist college students achieve their full academic potential, make realistic career and education plans, and work toward resolution of personal concerns. At the Center, students may discuss freely, in a confidential and professional setting, any concerns they may be experiencing. The Center also serves as a referral agency by helping students who need specialized assistance to locate appropriate campus and off-campus resources. To make an appointment with a counselor, call (302) 831-2141 or come to Room 261 Perkins Student Center.

CAREER SERVICES OFFICE

The Career Services Office offers experiential, career planning, and job placement programs. These programs provide matriculated students with a variety of opportunities to learn about and prepare for eventual careers. Experiential and career planning programs are available to students at all academic levels, while job placement services are directed to students in the final year of their degree program. Assistance is also available to alumni.

Experiential Programs include the Field Experience Program (credit and noncredit), internships, cooperative education, and alternative educational opportunities. Students in the Field Experience Program work part time as volunteers in one of over 300 different community organizations and agencies, primarily in the New Castle County area. Full-time or part-time experiences lasting up to a full year are also available throughout the country. Students may participate in these programs while making normal progress toward a degree or during a leave of absence from the University. Positions are available in a wide variety of academic disciplines.

Career planning programs are available to assist students in preparing for their initial career employment. Students may discuss career-related concerns in individual interviews with professional staff members.

In addition, a special workshop series covers such topics as resume writing, interview preparation, and job search strategies. These and other special programs are offered to students and alumni throughout the year. Special meetings are scheduled with students by academic majors to deal with topics that may concern them. An office newsletter is circulated regularly throughout the year to share information about these special programs and other topics of career interest.

The Career Resource Center, a comprehensive library of career-related information, contains materials for students to use on an informal basis. Resources include books; employer directories; occupational literature by major; full-time, part-time, and summer vacancy listings; and experiential program information. Over fifty video tapes are available to preview simulated interviews, company background information, and career workshops.

Placement Services including a Campus Interview Program, Credential Service, Jobs Hotline, Employer Resource Library, and Resume Referral Service are available to students during the final year of their academic program. The Campus Interview Program includes over 200 representatives from business, industrial, governmental, and service organizations that visit the campus each year. The Credential Service provides a centralized repository for resumes and reference materials for students and alumni. Information about a wide variety of organizations and employment opportunities in these organizations is also available for student use.

The Career Services Office is located in Raub Hall. For further information on the Experiential Program or Credential Service, call (302) 831-1232, for general information, call (302) 831-8479, and for information on the Campus Interview Program, call (302) 831-2391.

OFFICE OF AFFIRMATIVE ACTION AND MULTICULTURAL PROGRAMS

Under the leadership of the Assistant Vice President for Affirmative Action and Multicultural Programs, the office seeks to foster a greater awareness and understanding of issues that will promote an improved environment for students, faculty and staff. As part of its charge, the office provides services to the entire university community. In addition, it supports the functions of the Affirmative Action Office, the Campus Diversity Unit, the Crisis Intervention Team and the task force and caucuses of the Commission to Promote Racial and Cultural Diversity. Matters related to discrimination based upon race, ethnicity, gender, class, sexual orientation, disability, religion and acts of intolerance are the concern of this office. The office draws upon the talent and experience of faculty and staff in its efforts to address diversity issues. One of the major responsibilities of the office is to present diversity education workshops to the campus community. The office locations are 124 and 305-307 Hullihen Hall. For further information, please contact 831-8735.

COLLEGE LEVEL SUPPORT PROGRAMS

Support programs have been established within several of the colleges to assist students majoring in disciplines in which African Americans, Hispanic Americans and Native Americans are typically underrepresented.

A.S.P.I.R.E. (Academic Support Programs Inspiring Renaissance Educators), housed within the College of Education, encourages minority students to pursue a career in teaching elementary or special education. The program provides students with academic support through biweekly meetings with their academic adviser. Additionally, tutors, study skills classes and study groups are available to ensure stu-

dents' success. Monthly meetings with other minority students in the College enable students to discuss areas of professional development and mutual interest in a collegial atmosphere. For further information, call (302) 831-2326 or 2317.

Fortune 2000 is a comprehensive support program for minority students in the College of Business & Economics. The three major components of the program include the Fortune 2000 Pre-College Business Program, the Fortune 2000 Summer Academic Bridge Program and the Fortune 2000 Comprehensive College Support Program. Services include special academic advisement, tutoring and academic monitoring, interaction with faculty and industrial representatives, summer employment and cooperative education opportunities, student organizational participation, business career counseling and mentoring, leadership training, assistance with career/graduate school selection and recognition ceremonies. For further information, call (302) 831-4369.

NUCLEUS (Network of Undergraduate Collaborative Learning Experience for Underrepresented Scholars) is a program in the College of Arts & Science in the Department of Chemistry & Biochemistry. Funded by the Howard Hughes Medical Institute (HHMI Undergraduate Biological Sciences Education Program) its goal is to recruit, retain and graduate academically talented minority students majoring in chemistry, biochemistry and biological sciences (including physical therapy, medical technology and pre-medicine concentrations). A modified version of the highly successful R.I.S.E. Program in the College of Engineering, **NUCLEUS** assists minority students in attaining their bachelor's degrees and in entering graduate and medical school programs. Concentrating on the fundamental components of counseling, mentoring and tutoring throughout the undergraduate career, this program provides comprehensive academic enhancement services. Incoming students participate in a summer residential institute the summer prior to the freshman year. A mandatory freshman seminar course orients freshmen in their first semester with university resources and discusses research. Consistent academic monitoring, community outreach and undergraduate research opportunities create the environment that encourages positive integration and academic achievement. For further information, call (302) 831-4030.

RISE (Resources to Insure Successful Engineers), housed within the College of Engineering, carries the mission to recruit and assist academically prepared African American, Hispanic American and Native American students in attaining an engineering degree. A key component to the RISE Program is the RISE Summer Academy which immediately precedes the freshman year and provides a transitional period for incoming freshmen through a strictly regimented schedule and mandatory study halls and tutoring. Throughout their college experience, RISE students receive tutorial assistance as needed, as well as guidance in time management, academic monitoring, career and professional development workshops, interaction with faculty, student organizational participation and academic achievement recognition. RISE also sponsors the Undergraduate Research Initiative program, designed to provide a research experience for qualified RISE students, primarily during the winter and spring semesters of the sophomore year. For further information, call (302) 831-6315.

OFFICE OF WOMEN'S AFFAIRS

The Office of Women's Affairs works with the University community to increase awareness and understanding of women's issues including gender bias in the classroom, date rape and sexual assault, and women's health and career concerns. This is accomplished through programs and supportive services that encourage women to develop their intellectual talent, achieve academic objectives, identify long-term goals, and participate equally and fully in society. Support and confidential advice for women with concerns, including sexual harassment and possible grievances, are available.



SPECIAL PROGRAMS

- **Parallel Program**
- **Continuing Education**
- **Part-Time Study**
- **FOCUS/Distance Learning Program**
- **Academy of Lifelong Learning**
- **Honors Program**
- **Honor Societies**
- **Undergraduate Research Program**
- **Special Sessions (Summer and Winter)**
- **Study Abroad Programs**

UNIVERSITY PARALLEL PROGRAM

First-year students interested in pursuing quality higher education associated with the University of Delaware, who prefer to live at home or for other reasons choose not to begin their studies on the main campus, should consider the Del Tech/University of Delaware Parallel Program.

The Parallel Program is intended primarily for Delaware residents. It operates as a University of Delaware branch campus system, with classes conducted at three Delaware Technical and Community College locations—Wilmington, Dover, and Georgetown. Parallel students earn credits toward a UD degree. Parallel faculty are University of Delaware faculty who enjoy a reputation as excellent classroom teachers and academic advisers.

Students desiring relatively more individual faculty attention will find it in Parallel, which provides an environment allowing students in need of academic reinforcement to obtain it. Courses designed to bridge the gap between a student's prior educational experience and University-level courses are offered regularly. This is especially helpful to college-age students, whom the Admissions Office may deem underprepared for success as entering freshmen on the main campus, and to adults returning to higher education after being away for some time.

The majority of Parallel courses are arts and science courses, although there is growing interest in professional areas. Accordingly, courses in business, education, and some other areas have been added. Baccalaureate degree completion is possible at Georgetown in criminal justice, engineering technology, general agriculture, and in liberal studies. Bachelor's degrees may be earned in Dover in criminal justice and engineering technology.

Parallel students enjoy "dual citizenship"—that is, they participate in social, recreational, and cultural activities sponsored by the University of Delaware and, in addition, enjoy privileges afforded Delaware Tech students. Parallel students pay tuition at a rate that is lower than University of Delaware main campus tuition. Parallel students interested in intercollegiate athletics may participate in DTCC

- **National Student Exchange**
- **Pre-college Programs**
 - **College Enrollment for Advanced Pre-College Students**
 - **Forum to Advance Minorities in Engineering**
 - **Fortune 2000 Pre-College Business Program**
 - **Governor's School for Excellence**
 - **Summer College**
 - **Upward Bound**
 - **Upward Bound Math/Science Regional Center for Science and Mathematics**

programs while enrolled in the Parallel Program and in University programs when they move to the main campus.

Persons desiring admission to the Parallel Program make application through the University of Delaware Office of Admissions. On acceptance to the Program, they agree to complete their first year of study at one of the Parallel Program locations before moving to the Newark campus. Students also may enroll in individual Parallel courses as Continuing Education students. Prospective Parallel students are invited to visit one or more of the campus locations to talk with faculty and staff.

CONTINUING EDUCATION

The Division of Continuing Education extends the University of Delaware's academic resources to citizens throughout the State of Delaware through credit courses, certificate programs, nondegree short courses, public lectures, art exhibits and other cultural events, summer institutes, travel programs, and conferences. Programs are taught or conducted by University faculty members and by outstanding professionals in the community.

The Division offers the following certificate programs:

- **Business and Technical Writing**
- **Certified Employee Benefit Specialist**
- **Community Development**
- **Computer Applications**
- **Environmental Studies**
- **Graphic Design and Production**
- **Legal Assistant**
- **Nonprofit Management**
- **Supervision of Leadership**
- **Total Quality Management**
- **Training and Employee Development**
- **Women's Studies**

In addition, the Division of Continuing Education provides program development and instructional design support to area businesses, government agencies, and professional associations to help meet their educational and training needs.

ACCESS Center. The Adult Center for Continuing Education Student Services (ACCESS) provides career counseling, educational planning, academic advisement, and administrative assistance to current and potential continuing education students (see Resources for Students). For further information, call (302) 831-2741.

PART-TIME STUDY

Undergraduate students are classified as part-time if they register for less than 12 credit hours in the fall or spring semester. Part-time students may be either matriculated (accepted into a specific degree program) or non-matriculated. Non-matriculated students may enroll through Continuing Education for credit courses to provide personal enrichment or to keep up-to-date in their fields. Both daytime and evening courses are available to Continuing Education students.

Evening programs allow matriculated students to earn degrees through part-time study. Degrees available through part-time study in Wilmington and Newark include Accounting, Chemistry, Computer and Information Sciences, Criminal Justice, Engineering Technology, English, History, Human Resources/Interdisciplinary Studies, Nursing, Psychology, Sociology, and Women's Studies. Bachelor's degrees available in southern Delaware include Liberal Studies/Humanities, Criminal Justice, Engineering Technology, and General Agriculture. Students must apply for admission to these programs through the Office of Admissions. For more information on degree programs for part-time students or in Southern Delaware, contact the Credit Programs Office in the Division of Continuing Education, (302) 831-1114.

FOCUS/DISTANCE LEARNING

FOCUS/Distance Learning (Flexible Options for Continued University Study) employs instructional television to provide non-traditional students with greater access to University of Delaware credit and non-credit courses. Each semester, selected courses are taught and videotaped in the University's instructional television classrooms. Videotapes are sent to students registered as individuals or as work site participants throughout the region. Examinations are proctored at work sites or at various University of Delaware locations. The toll-free telephone number – 1-800-UD-FOCUS – is the distance student's link to the University's administrative and academic departments, as well as to individual faculty members.

A growing number of live, interactive courses are now available through the FOCUS/Distance Learning system. A two-way video, two-way audio fiber-optic link connects the Newark campus with the Higher Education Building on the Delaware Technical & Community College/UD Parallel Program campus in Georgetown. In addition, selected graduate courses in nursing and engineering are broadcast via satellite.

Core courses in the College of Nursing's Baccalaureate for Registered Nurses (BRN) major are available through the FOCUS/Distance Learning system, with enrollment limited to students who have been accepted in that major. FOCUS/Distance Learning courses are also available for the core curriculum in the College of Human Resources' Hotel, Restaurant, and Institutional Management program, as well as many elective and support courses that fulfill requirements for other degree programs.

ACADEMY OF LIFELONG LEARNING

The Academy of Lifelong Learning, sponsored by the Division of Continuing Education, provides more than 100 college-level, non-

credit courses each semester, as well as seminars, travel, cultural and social events, and other learning and enrichment activities for retired individuals 55 or over. Academy activities are planned and taught by Academy members. The northern Academy is located in Arsh Hall on the Wilmington campus, the southern Academy in the Virden Center on the Sharp Campus in Lewes, DE.

UNIVERSITY HONORS PROGRAM (UHP)

The University Honors Program serves the many exceptionally talented students who enroll at the University of Delaware. The Program features small classes, close contact with faculty members, and individually tailored academic advising. Academic options include Honors courses at all levels, undergraduate research, private music study, Honors Certificates, four-year Honors degrees in many majors, and the Degree with Distinction in all majors (see "Degree Options" below). Out-of-classroom activities involve Honors residence halls, the Honors Center, and extensive extracurricular programming. Some students enter Honors as incoming freshmen (a special application is required); others begin later in their undergraduate careers.

Honors Program students may be pursuing a degree in any of the University's eight undergraduate colleges and more than 130 majors. A cohesive freshman year provides the educational foundation from which a student can proceed to advanced study in any field. It is also a community experience that promotes faculty-student interaction and shared interests among participants. Full-time Honors freshmen enroll in at least fifteen credits of Honors courses during the freshman year, including an Honors Colloquium. A close relationship with a faculty adviser is established in the freshman year in Honors and continued in subsequent years.

Any University student who has attained a cumulative grade point average of 3.00 or higher (even after only one semester) is eligible to take Honors courses and to work toward the various forms of Honors recognition. A transfer student with high grades earned at another college or university is eligible upon arrival.

Honors Courses. Many sections of Honors courses are offered each semester, in a wide array of disciplines. These range from one-credit short courses to tutorials, interdisciplinary colloquia, undergraduate research, and independent study. Honors courses feature talented students and faculty, enriched or intensified subject matter, and an active involvement by the students in their learning. Most occur in small classes.

- **Honors Colloquia.** Each of these interdisciplinary courses is served by a Writing Fellow—a specially-trained peer tutor who helps students to refine the form, but not the content, of their papers, prior to grading by the instructor. Recent colloquia topics have included "Music in American Culture," "The Bill of Rights," "Global Resources and the Environment," and "Racism, Sexism, and Speciesism."
- **Honors Forum.** The options typically include the Performing Arts Forum, "Introducing International Film," "Issues in Afro-American Culture," "Women in Western Thought," "The Male Experience," and "The Stories Project."
- **Honors Tutorials.** With a maximum of four students and one faculty member, a tutorial meets weekly for careful study of classic literary and philosophic texts.
- **Honors Seminars.** These interdisciplinary seminars serve as the capstone of the students' Honors course work.
- **Private Music Instruction.** After passing an audition, Honors freshmen may continue their study of music through private instruction for credit; Music Merit Awards offered by the Music Department allow continuing study for the most qualified upperclass students.
- **Study Abroad.** Honors courses may be arranged as part of the University's numerous and varied Semester Abroad and Winter Ses-

sion Abroad programs. Students may also do research abroad through the cross-cultural InterFuture program and through the Science and Engineering exchange with Imperial College, London. Foreign Study Scholarships, open to all students, are available to defray travel expenses for all programs sponsored by the University. For scholarship information, contact the Office of International Programs and Special Sessions.

Honors Certificates. The First Year Honors Certificate recognizes those who complete the first year of University work with a cumulative index of 3.00 or higher, at least 15 Honors credits (including a Colloquium), and live in Honors housing. The Advanced Honors Certificate recognizes those who earn at least 24 Honors credits beginning with the sophomore year, have a cumulative index of 3.00 or higher, and participate in an intensive Honors advising process. There are also Honors Foreign Language Certificates available to students in certain majors. Receipt of an Honors Certificate is recorded on the student's permanent transcript.

Degree Options. The Honors Degree and the Degree with Distinction offer exceptionally talented and dedicated students the opportunity to pursue their academic interests in greater depth and breadth than is required for the regular bachelor's degree. Achievement of either of these degrees is recorded on the official transcript and diploma. A student completing the Honors Baccalaureate Degree receives an "Honors Bachelor of Arts," "Honors Bachelor of Music" or "Honors Bachelor of Science" degree. A student completing the Degree with Distinction receives a bachelor's degree in the appropriate college and major with the notation that it was earned "with Distinction."

A candidate for an Honors Baccalaureate Degree or Degree with Distinction must satisfy the general University requirements and the degree requirements specified by his or her college and department. A student who does both must complete two distinct theses, each of which must stand on its own merit. The theses may be related but must not in any essential way duplicate one another. Evidence confirming this must be provided by the student.

Honors Degrees. Honors Degrees are currently available in many majors in the Colleges of Agricultural Sciences, Arts and Science, Business and Economics, Education, and Human Resources. Additional Honors Degree opportunities are being created each year.

A candidate for an Honors Baccalaureate Degree must satisfy the following:

- I. The requirements for the baccalaureate degree in the major (including all University and college requirements), as well as any other specific requirements the major department may set for the Honors Degree.
- II. The general requirements for the Honors Degree:
 - A. A University of Delaware cumulative grade-point index of at least 3.40 at the time of graduation.
 - B. At least 60 of the total credits applicable to graduation taken at the 300 level or higher.
 - C. At least 30 credits earned in Honors courses. Of these Honors credits:
 1. At least 12 must be in the major department or in courses of collateral disciplines specifically required for the major.
 2. Three must be in the Honors Tutorial course.
 3. Three must be in the Honors Seminar course (or in another seminar course specifically approved for this purpose by the Honors Program).
 4. At least 6 must be in areas outside those defined by the preceding items (1-3).
 5. At least 12 must be at the 300 level or higher.

D. In addition to these 30 Honors credits, 6 credits of Honors thesis or project (UNIV 401/402) and the successful oral presentation of an acceptable thesis or project to a committee of faculty approved by the major department and the Honors Program. Although the candidate enrolls in UNIV 401/402 in the senior year, research and planning for the thesis or project should be well underway in the junior year.

III. Submission of the Honors Degree Application Form, as early as the sophomore year and no later than the end of the junior year, at the University Honors Program office.

Degrees with Distinction. The Degree with Distinction supplements regular departmental degree requirements by giving the student significant research experience while still an undergraduate. Candidates for the Degree with Distinction must meet the following conditions:

- A. The candidate's cumulative grade index must be at least 3.00 at the time of graduation, and his or her index in the major must be at least 3.50.
- B. The candidate must complete six credits of *thesis or project* (UNIV 401 and UNIV 402) and give an oral presentation and defense of the thesis or project to a committee of faculty from the major department and related fields.

The Degree with Distinction entails no change in the regular requirements of a student's program other than research, writing, and defense of a senior thesis.

Residence Life and the Honors Center. Full-time freshmen in Honors live in the Russell residence complex, together with a number of non-Honors freshmen. Trained Residence Assistants help students with personal or academic questions and organize student activities held within the residence halls. The UHP freshman community is neither exclusive nor limiting. Honors freshmen participate fully in University-wide activities.

Upperclass students in Honors reside wherever they choose. Some become Fellows who live in the Honors freshman residence complex, assist incoming freshmen, and organize student activities and programs. Others move to upperclass honors floors or to other special interest housing in desirable campus locations.

The Honors Center is the focal point of many UHP-sponsored extracurricular activities, including films, lectures, exhibits, and receptions, bringing students and faculty together to establish the Honors community. The Center is also a quiet, informal place with study rooms, comfortable sofas and chairs, reference books and periodicals.

Special Events and Programs. Honors Degree and Degree with Distinction students from all majors present their research at the annual Undergraduate Research Symposium each spring. Science and Engineering Scholars present an annual poster session.

The Honors program also sponsors a variety of other special events and programs, such as a photo and literary contest, and museum and theatre trips.

HONOR SOCIETIES

Phi Beta Kappa. Established in 1776, *Phi Beta Kappa* is the oldest honorary society on the American campus. A local chapter, Alpha of Delaware, was approved by the United Chapters of *Phi Beta Kappa* in September 1955 and was installed in April 1956. Generally, seniors majoring in the liberal arts and demonstrating superior scholarship are eligible for election.

Phi Kappa Phi. Seniors ranking high in scholarship in any academic field are elected each year to this society. Two members of the faculty are also elected each year. Founded in 1897, *Phi Kappa Phi* is the national honor society that elects undergraduate and graduate students who have accomplished excellent scholarship in any academic

field. The fifth chapter of the society was chartered at the University of Delaware in 1905. There are now 275 chapters nationwide.

Alpha Lambda Delta. Alpha Lambda Delta recognizes excellent scholarship in any academic field during the freshman year.

Information on the three societies above may be obtained by calling the Honors Program Office, 831-2340.

Societies that recognize attainment in special academic fields are **Alpha Kappa Delta** (sociology), **Alpha Mu Alpha** (marketing), **Alpha Zeta** (agriculture), **Beta Alpha Psi** (accounting), **Beta Beta Beta** (biology), **Beta Gamma Sigma** (business administration), **Chi Epsilon** (civil engineering), **Delta Phi Alpha** (German), **Dobro Slovo** (Slavic), **Eta Kappa Nu** (electrical engineering), **FMA Honor Society** (finance and banking), **Gamma Kappa Alpha** (Italian), **Golden Key** (no single field), **Kappa Delta Pi** (education), **Kappa Omicron Nu** (human resources), **Mu Iota Sigma** (management information systems), **Omicron Delta Epsilon** (economics), **Order of Omega** (Greek honorary), **Phi Alpha Theta** (history), **Phi Delta Kappa** (education), **Phi Sigma Tau** (philosophy), **Pi Delta Phi** (French), **Pi Mu Epsilon** (mathematics), **Pi Sigma Alpha** (political science), **Pi Tau Sigma** (mechanical engineering), **Psi Chi** (psychology), **Sigma Delta Phi** (Spanish), **Sigma Iota Rho** (international relations), **Sigma Tau Delta** (English), **Sigma Theta Tau** (nursing), **Sigma Xi** (science), and **Tau Beta Pi** (engineering). Information may be obtained by calling the relevant academic department offices.

UNDERGRADUATE RESEARCH PROGRAMS

University Faculty members volunteer to accept well-motivated undergraduates as their assistants or as junior members of their research teams. These student assistants work with professional researchers, observing how they formulate significant questions, evolve investigative procedures, gather and examine evidence, make mistakes, follow hunches, detect loopholes, and evaluate and report results. Most earn academic credit for their research assistance. Students who hold college work-study grants may earn their grant money doing research. In some cases, a salary/stipend is arranged. Undergraduate researchers even include freshmen. Some are looking for the field or specialty within a field on which to focus their courses and careers; others are already making their own original contributions to their chosen fields.

The Undergraduate Research Program fosters undergraduates' interest in research by serving as a general information source and by helping individual students to think about whether a research experience would be desirable for them; acts as a matchmaker, arranging for students to serve as apprentices or assistants to faculty researchers in their areas of interest; provides assistance in Honors Degree and Degree with Distinction programs that require a senior thesis; and administers two forms of funding—Undergraduate Research Grants to defray the research expenses of students and their faculty sponsors, and Scholarships to enable selected students to work on research full time during the summer.

Students interested in research should be aware that the University serves as home to a number of specialized research units. Brief descriptions of a sampling of the University's research units are given below.

Center for Applied Science and Engineering in Rehabilitation. Located at the Alfred I. duPont Institute, a nationally recognized pediatric hospital in Wilmington, Delaware, the Center conducts research in communication and rehabilitation. Undergraduate students from a variety of disciplines (e.g., Computer and Information Science, Electrical Engineering, Mechanical Engineering, Linguistics, Physical Education, Psychology) have the opportunity to work along with faculty members, medical personnel, and research staff. Current projects include natural language processing, speech synthesis, speech processing, sign language, systems development and eval-

uation, rehabilitation robotics, telemanipulation, virtual reality, upper extremity biomechanics, and vestibular stimulation. For further information, call 651-6830.

Center for Composite Materials. Within the College of Engineering, the interdisciplinary Center for Composite Materials conducts research in the use of composites—reinforcing materials combined with a polymer, metal, or ceramic matrix—in automotive, aerospace, and civil engineering as well as other applications. Research opportunities exist for about 30 undergraduate students per year, with fellowships, scholarships, employment, and academic credit available, depending on the project chosen. The Center provides industrial sponsors with student resumes and encourages undergraduates to gain industrial experience during the summer between their junior and senior years. Senior Research Fellowships, offered on a competitive basis, require six credits of senior research, a research report, and an oral defense to a committee of faculty members. An awards program provides further incentives to undergraduate researchers. For further information, call 831-2310.

Center for Catalytic Science and Technology. The nationally recognized Center for Catalytic Science and Technology conducts basic research in catalysis and chemical reaction engineering. Undergraduates have the opportunity to work on research projects along with faculty from the Departments of Chemical Engineering and Chemistry and Biochemistry, adjunct faculty from industry, and visiting scientists and professional staff. For information, call 831-6856.

Center for Molecular and Engineering Thermodynamics. A research unit within the Department of Chemical Engineering, the Center for Molecular and Engineering Thermodynamics conducts research in all areas of thermodynamics, including applications in the purification of pharmaceuticals, bacteria and other biological materials, environmental problems, and new separations technologies. Undergraduate students interested in research may call 831-4500 for more information.

Delaware Geological Survey. The Delaware Geological Survey, established by the General Assembly, is charged with the systematic investigation of the geological, mineral, and water resources of the State of Delaware. The Survey conducts a program of geologic research, exploration, and service, including mapping projects. Students interested in research may contact 831-2833.

Institute of Energy Conversion. The Institute of Energy Conversion is devoted to research and development of thin-film photovoltaic cells as alternative energy sources. Undergraduates interested in research may call 831-6220.

Bartol Research Institute. The Bartol Research Institute, endowed by Mr. Henry Bartol, is a non-profit organization that conducts research on various aspects of physics and astronomy. Current projects include research on cosmic rays, the interplanetary medium, planetary magnetic fields, condensed matter physics, solar and stellar physics, and nuclear physics. Besides its laboratories on the campus in Newark, Bartol also operates experimental facilities in Antarctica, the Canary Islands, Greenland, and northern Canada. For information on undergraduate research opportunities, call 831-8116.

Other research units that are housed at the University include:

- Bureau of Economic Research—831-8401
- Center for Applied Coastal Research—831-2440
- Center for Applied Demography and Survey Research—831-8406
- Center for Archaeological Research—831-6590
- Center for Climatic Research—831-2294
- Center for Community Development—831-1690
- Center for Drug and Alcohol Studies—831-6286
- Center for Energy and Environmental Policy—831-8405
- Center for Historic Architecture and Engineering—831-8097

- Center of Information Systems, Management, Education Research (CISMER)—831-6902
- Center for the Mathematics of Waves—831-2346
- Center for Remote Sensing—831-2336
- Center for the Study of Marine Policy—831-8086
- Delaware Education Research and Development Center—831-4433
- Delaware Public Administration Institute—831-8971
- Delaware Transportation Institute—831-1446
- Disaster Research Center—831-6618
- Financial Institution Research and Education Center (FIRE)—831-1015
- Oceanographic Data Management Center—645-4266
- Orthopedic and Biomechanical Engineering Center (OBEC)—831-2421
- Technology Center: Textiles, Apparel, Merchandising, Consumer Services—831-1271
- Water Resources Center—831-2191

In addition to undergraduate internships offered by research institutes affiliated with the University, undergraduate students may also apply for internships with the Delaware Nature Society in Hockessin, Delaware. The Nature Society offers part-time, one-semester internships for advanced undergraduate students in all of the natural science fields, in science education, and in communication. Students have the opportunity to apply knowledge attained through course work to research or education projects, to environmental teaching, or to public relations assignments. Application is made through the student's major department.

SPECIAL SESSIONS (Summer and Winter)

The Office of International Programs and Special Sessions coordinates the Winter and Summer Sessions on campus. Winter Session is a five-week term between the fall and spring semesters. Roughly half of all undergraduates attend Winter Session every year. The Summer Sessions begin during the first week of June. There are two consecutive five-week sessions and some classes that meet for 7 1/2-weeks.

In each of these special sessions, students may take up to seven credits to accelerate progress toward a degree, to focus on a single subject, or to synchronize their course schedule with the sequence of fall and spring course offerings. Courses are often available that are in high demand during the regular semesters. Approximately 300 students each year find that Winter Session is an especially good format for a study abroad experience.

The Library, Student Center, Housing and Dining Services, Carpenter Sports Building and other support services are active during the special sessions. There are also full programs of cultural activities including films, concerts, bus excursions, and lectures during summer and winter sessions.

Booklets containing detailed information and course listings will be available prior to the registration period for each session. Winter Session booklets will be published in September, and registration begins October 16. Summer Session booklets will be available in April with registration beginning in May. For further information, call (302) 831-2852.

STUDY ABROAD PROGRAMS

The University of Delaware offers a variety of opportunities for students of every college and major to reap the benefits of studying abroad. These special programs foster social maturity and appreciation for the similarities and differences among people of various

backgrounds. Many also offer opportunities to improve second language skills.

Overseas Studies in the Office of International Programs and Special Sessions administers numerous programs in the fall and spring semesters, and in Winter and Summer Sessions. Semester programs include those in Madrid, London, Vienna, Costa Rica, Paris, and Scotland. Each is directed by a University faculty member or a local administrative coordinator. The faculty director teaches classes in his or her academic discipline, and faculty in the host country offer additional courses. Courses are taught in English, except foreign language courses, and bear regular University of Delaware course credit. Four foreign-language-based programs are available in the fall semester for students who are already proficient in French, German, or Spanish. These are sponsored by the Department of Foreign Languages and Literatures in Caen (France), Bayreuth (Germany), Granada (Spain) and Siena, (Italy).

Honors options are available. Some courses satisfy college group requirements; in addition, certain courses are available which have been designated to satisfy group requirements only when taken abroad.

In the Winter Session and Summer Sessions, numerous study abroad programs are sponsored by various academic departments and coordinated by Overseas Studies. These programs are directed by University faculty who teach regular credit courses in their discipline. Winter or Summer Session Study Abroad can be an exceptional first experience of study in another country and a valuable one for students who choose not to devote an entire semester to overseas study.

All students participating in study abroad programs enroll for a full-time academic schedule and pay regular University of Delaware tuition. A program fee covers airfare, housing for the duration of the program and, in some programs, planned group excursions and some cultural activities. Some meals may be included depending on the program. Foreign Study Scholarships are available to continuing University of Delaware undergraduates on a competitive basis. Students interested in Study Abroad should contact Overseas Studies in the International Programs Center, 4 Kent Way at (302) 831-2852. Advanced planning is important.

The University also is affiliated with institutions abroad which provide additional foreign study options for students and/or research or teaching opportunities for faculty. Among these are Denmark International Semester, Interfuture, and programs in Kassel, Germany; Wolverhampton, England (art majors only); National Cheng Kung University, Taiwan; Hankuk University of Foreign Studies, Korea; Women's University and College of Shoin, Japan; Université de Lyon II, France; and others.

NATIONAL STUDENT EXCHANGE

University of Delaware students can spend up to a year at one of 113 institutions located throughout the U.S. through the National Student Exchange. Full-time students with a 2.5 or better grade point average and in good standing with the University are eligible to apply. Financial aid is frequently available. Expenses are similar to those at the University of Delaware, and with prior approval, credits transfer back to the University. For further information, call (302) 831-6331.

PRE-COLLEGE PROGRAMS

The College Enrollment Program for Advanced Pre-college Students enables academically advanced and highly motivated students who have the approval of their guidance counselors to pursue college-level course work on a part-time basis before graduating from high school. During fall, spring, or summer session, students may

enroll in University classes. Concurrent enrollment permits students to supplement high school work with more advanced material, pursue interests, or build on special talents. The credits earned become part of the student's permanent record at the University of Delaware and may be applied toward a University degree. For more information, call the ACCESS Center at (302) 831-2741.

The Forum to Advance Minorities in Engineering/UNITE/MERIT/University of Delaware (FAME/UNITE/MERIT/UD) is a pre-college program designed to increase the effective participation of underrepresented minority (African American, Hispanic, Native American) high school students (post 10th & 11th graders) in the applied sciences and engineering professions. The College of Engineering, with support from FAME, Inc. and other organizations, offers a five-week academic enrichment program in the summer for talented minority high school students who demonstrate abilities for success in applied science and mathematics areas. The curriculum includes, but is not limited to, course work in mathematics, science, English, computers, and engineering design.

Fortune 2000 Pre-College Business Program, administered by the College of Business & Economics, is designed to provide business academic enrichment and career development for African American, Hispanic American, and Native American students in grades 9 through 12. Students with demonstrated abilities for success in business-related coursework are selected from schools in New Castle, Kent and Sussex counties and meet every other Saturday during the academic school year, as well as for five weeks during the summer months. The program offers academic enrichment in mathematics, science, English, computing and economics courses. Students are also exposed to the college and corporate environments as they participate in professional and academic development workshops.

The Governor's School for Excellence is a two-week summer program that brings together academically and artistically talented Delaware high school students who have completed the sophomore year. Students live in residence halls on the Newark campus for the two weeks and attend either the academic program, consisting of discussions, lectures, debates, and films revolving around a specific theme, or the visual and performing arts program, which provides tutorial instruction with a noted artist and culminates in a performance or public display of work. Further information is available through Delaware's secondary schools or by calling the Division of Continuing Education at (302) 831-8837.

UD Summer College offers motivated high school students who have completed their junior year the opportunity to expand their educational experience through college-level study at the University. During the five-week program, students live in supervised dormitories, take freshman-level courses taught by University faculty, and participate in a variety of social and cultural extracurricular activities including out-of-town trips. Students select two classes from a curriculum of nine traditional and innovative courses. On successful completion of the courses, they earn regular University of Delaware credit, which many colleges and universities accept as transfer credit. The deadline for applications to the program is April 15. For more information, call the Summer College Office at (302) 831-6560 (mornings).

The Upward Bound Program at the University of Delaware, housed within the Academic Services Center, is funded by the U.S. Department of Education and is a year-round program for high school students who reside in New Castle County, Delaware. The program provides participants with a variety of academic enrichment and academic support services. Selected students must demonstrate the potential for education beyond high school. Through participation in the University of Delaware Upward Bound Program, students will learn the necessary academic skills needed to enroll in a college or university. Upward Bound is a comprehensive program divided into two phases: academic year and summer residential. This program is free of cost to participants selected for the program.

The Upward Bound Math/Science Regional Center for Science and Mathematics at the University of Delaware, housed within the Academic Services Center, is designed to serve 40 eligible high school students who are U.S. citizens or permanent residents. Eligible students who have completed the 9th grade, from Delaware, Maryland, and Pennsylvania are invited to participate in this exciting residential summer program funded by the U.S. Department of Education. Participants live on the University of Delaware campus for six weeks, taking courses and studying various topics in science, mathematics and technical writing. They also are involved in hands-on activities, working closely with faculty, staff and students. This program is free of cost to participants selected for the program.

For more information, please contact the Academic Services Center for **Pre-College Programs**, George Evans House, 5 West Main Street, Newark, DE 19716, (302) 831-6373 (Upward Bound Math/Science) or 831-4102 (Upward Bound).



STUDENT LIFE AND ACTIVITIES

- Student Life
- Delaware Undergraduate Student Congress
- Residence Halls
- The Perkins Student Center
- Religious Opportunities
- Cultural Events
- Visiting Scholars and Lecturers
- Music
- University Gallery
- Student Publications and Communications
- Student TV

STUDENT LIFE

The Division of Student Life emphasizes the total development of students and works to challenge them so that they may grow, learn, and become responsible for their own actions. By extending the educational process beyond the classroom, the Division provides opportunities for learning through involvement in cultural and social activities, student organizations, lecture series, and community service.

The Division is committed to protecting the rights and dignity of each student. The staff realizes that students come to campus from a variety of backgrounds and with different experiences in self-government and self-direction. When problems arise, students are encouraged to seek the assistance of professional staff members available in the services offered by the Division.

DELAWARE UNDERGRADUATE STUDENT CONGRESS

The Delaware Undergraduate Student Congress (DUSC) is the official name of the University's student governing body of which all undergraduate degree candidates are considered members. This organization assumes the responsibility of self government, as delegated by the University faculty and administration. Its overall charge is to identify the needs of students and bring them to the attention of the administration, faculty, and City of Newark government officials. DUSC serves to interpret University policy to the student body. It also oversees the approximately 180 registered student organizations.

DUSC consists of six executive officers elected through a campus wide vote. Each undergraduate college has a college council through which students' academic concerns and interests are voiced. Each registered student organization has a vote within DUSC. Committee chairs and members provide leadership for a variety of admin-

- Student Leadership Organizations
- Registered Student Organizations
- Fraternities and Sororities
- Intercollegiate Athletics Program
- Recreation and Intramural Programs
- Student Health Service
- Services for Students with Disabilities
- Department of Public Safety
- Motor Vehicle Registration and Use
- Identification Cards

istrative and academic responsibilities. In addition, DUSC appoints student representatives to University faculty, student and Board of Trustees committees. For further information, call (302) 831-2648.

RESIDENCE HALLS

Philosophy. The residence program is a vital part of the educational mission of the University. The environment is designed to assist students in meeting the developmental challenges faced during the college years, including creating adult-to-adult relationships with parents, gaining a sense of confidence, becoming autonomous, selecting a career, and clarifying values. Professional staff oversee each residence complex. The hall director, assisted by upperclass resident assistants, aids students in developing social, recreational, and cultural programming. Students are expected to be constructive contributors to a positive residence hall community. This responsibility includes both respecting the rights of others and asserting one's own rights. Residence Life staff members play a crucial role in assisting students to develop a positive living environment. Staff members not only help with personal and academic matters, but also work with students so that they share responsibility for upholding policies designed to protect the rights of all individuals.

Policy. Single freshman students are required to live in University housing or at home with a parent or guardian. Requests for exception to this policy, along with an explanation of the student's exceptional situation, must be submitted in writing to the Assistant Director for Room Assignments at Housing Assignment Services, 5 Courtney Street, Newark, DE 19716.

Facilities. Traditional residence halls contain double rooms, some single rooms, and some larger rooms, with common bathroom facilities. The *Pencader* Complex features single and double rooms, each with an outside entrance and direct access to bathroom facilities that serve six or

twelve students. The *Ray Street* halls offer suite-style housing with two double rooms sharing an adjoining bath. The *Ray Street* complex accommodates students in seventeen Special Interest Housing communities as well as some students not affiliated with these programs.

Apartment complexes feature furnished one- and two-bedroom units with bath, kitchenette, and living and dining facilities. The *Christiana* apartment complex consists of twin air-conditioned high rise towers and a Commons building which contains a convenience market and computer site. The *College Towne* apartment complex offers four air-conditioned three-story buildings which house graduate students. The *Conover* apartment complex houses single graduate students and married students and their families.

Cable TV, computer network, and local telephone service are provided in all rooms and apartments. Students provide their own telephone instruments and make arrangements for long distance service with the University Student Telephone Service or use telephone credit cards. Common areas for study, recreation, laundry, etc. are available in each complex. Custodial service is provided only for the common areas. The cost of utilities is included in the room charge.

Rooms are furnished with beds, dressers, closets or wardrobes, drapes or shades, study desks and chairs, lighting, and wastebaskets. Students must bring their own linens, pillows, blankets, and bedspreads.

Students are held responsible for conduct that occurs in their rooms. Damage done to a room or its furnishings is charged to its occupants. Damage or theft in public areas is charged to all residents of the building if the responsible person(s) cannot be identified. The University may require a room to be vacated at any time for cause. If a student is required to vacate a room or vacates voluntarily, the rebate will be determined in accordance with the rebate schedule. University personnel are authorized to enter and inspect students' rooms for health, fire, safety and maintenance purposes.

All traditional, Pencader, and Ray Street halls except Pencader K, L, and M are closed during regular vacation periods and may not be entered. Students are not normally required to remove belongings from their rooms during vacation periods. However, students who will be changing rooms at the beginning of spring semester and who will not be attending Winter Session must take their belongings home after fall semester. *Christiana* apartments remain open during vacations but close at the end of the spring semester. Students are required to vacate and remove all personal belongings from their rooms within twenty-four hours after completion of their last final examination.

More complete information on residence hall accommodations, policies, and regulations may be found in the *Official Student Handbook*, available at New Student Orientation, Housing Assignment Services, and the Office of the Dean of Students.

Single Student Housing. Only single undergraduate students who are registered at the University for not less than twelve academic credits per semester may reside in residence halls and *Christiana* apartments.

Single freshman students are *required* to live in University housing or at home with a parent or guardian. Requests for exception to this policy, along with an explanation of the student's exceptional situation, must be submitted in writing to the Assistant Director for Room Assignments. Upperclass students may live in the University residence halls, their own homes, fraternity/sorority houses, or in the local community in facilities of their own choosing. Listings of some current off-campus housing options are available at Housing Assignment Services, 5 Courtney Street.

Family Student Housing. The *Conover* Apartments are available to full-time graduate or undergraduate students, who want to live with a spouse, children or other individuals who constitute their family. Legal documentation is required. Residents sign a *12-month Student Housing Agreement*. Applications may be obtained from the Office of Housing and Conference Services at 5 Courtney Street. Married students are not permitted to live in other University residence halls.

Graduate Student Housing. Single graduate students are offered housing in the Lovett House, the College Towne apartments, and the *Conover* apartments. Residents sign a *12-month Student Housing Agreement*. Applications are available at the Office of Housing and Conference Services, 5 Courtney Street.

THE PERKINS STUDENT CENTER

The John A. Perkins Student Center provides facilities and services for students, faculty, staff, alumni, and the community. The Center's services include meeting rooms for campus groups, a number of student lounges, the Bacchus Theatre, the University Bookstore, an information center, an exhibition area, a bank and a faculty dining room. In addition, the Center has the HenZone Sports Lounge with billiards and sports television. There is a student dining area in the Center as well as a snack bar.

Many University extracurricular programs are organized through the Student Center. The Center staff and the Student Center Program Advisory Board (SCPAB) offer film series, "popular" and classical concerts, theatre productions, art exhibitions, and bus tours to nearby cultural and athletic events.

The offices of several student organizations are located in the Student Center including the Delaware Undergraduate Student Congress (DUSC), the Student Center Program Advisory Board (SCPAB), the Lesbian Gay Bisexual Student Union, WVUD radio, and the student newspaper and yearbook.

RELIGIOUS OPPORTUNITIES

Recognition is given to the importance of ethical and moral influences in the development of the individual. Students are encouraged to attend the churches of their choice and to contact their own denominational organizations on the campus. Most denominations are represented in Newark or in nearby Wilmington. In addition, there are a variety of registered student religious organizations on campus, including Baptist Campus Ministry, Campus Advance for Christ, Campus Crusade for Christ, Chabad House, Church and Campus Connection, Delaware Student Fellowship, Episcopal Campus Ministry, Hillel, Intervarsity Christian Fellowship, Latter Day Saints Student Association, Lutheran Student Association, Muslim Student Association, Thomas More Oratory, Warriors for Christ, Wesley Foundation and Word of Life Campus Ministry. For further information, contact (302) 831-2428.

CULTURAL EVENTS

The Departments of Art, Music, and Theatre, along with the Perkins Student Center, the Office of International Programs and Special Sessions, and the Student Center Program Advisory Board offer a variety of concerts, films, theatre productions, and art exhibitions at the University. In addition, International Programs and Special Sessions, the Perkins Student Center, and the Faculty Senate Committee on Cultural Activities and Public Events bring to the campus many outstanding music, dance, opera, and theatre programs. Bus tours are offered to the Philadelphia Orchestra series at the Academy of Music in Philadelphia, to the Metropolitan Opera in New York, and to selected museum exhibits and theatre productions.

VISITING SCHOLARS AND LECTURERS

The intellectual life of the University community is enriched by the many outstanding visiting scholars and lecturers who are invited to the campus. A well-established Visiting Scholars Program sponsors

many of these scholars, who speak to classes and often present an evening lecture to which all interested members of the community are invited. Students are given several opportunities to talk with these visitors at luncheons, dinners, or in informal conferences.

The Visiting Minority Scholars Program, sponsored by the Office of Affirmative Action/Multicultural Programs, offers lectures and colloquia by Black, Native American, and Spanish-surname scholars. The Winterthur Program in Early American Culture brings distinguished visiting scholars to the University to spend several days. This program involves graduate courses at the University and laboratory work at the nearby Winterthur Museum. The Lank Exchange Program encourages the exchange of cultural and scientific knowledge between the University of Delaware and the University of Montreal. Scholars from each university visit the other campus for several days.

During the academic year, many lecture series are offered by academic units throughout the campus, and a number of special university-wide lecture series on topics of national or international interest are sponsored by cooperating units.

MUSIC

Each year the Department of Music sponsors a full season of recitals and concerts by faculty and student performers. The campus community is invited to attend all performances; most are free, although a small admission fee is charged for some concerts. Information about performance schedules can be obtained by calling (302) 831-2577.

Private study (vocal and instrumental) with a Music Department faculty member is available to full-time University students. Non-music majors who pass an audition on advisement day may be accepted for private study either as music minors (2 credits per semester) or through the Music Merit Award Program (1 credit per semester). Honors students who pass the advisement day audition are also eligible for private study (1 credit per semester).

Students interested in performing in a musical ensemble may participate in the Choral Union, Chorale, Collegium Musicum, Opera Workshop, University Singers, Marching Band, Wind Ensemble, Symphonic Band, Jazz Ensemble, University Orchestra, Gamelan, and a variety of chamber ensembles. Students need not be music majors, although an audition is necessary for some ensembles. For information on joining a group, call the Department of Music at (302) 831-2577.

The faculty of the Department of Music participate in a number of ensembles including the Del'Arte Wind Quintet, the Delaware Brass Quintet, the Faculty Jazz Ensemble, the Mendelssohn String Quartet, and the Taggart-Grycky Flute and Guitar Duo. Faculty ensembles and soloists perform regularly on campus and may be available for lecture-demonstrations, master classes, or performances. For scheduling information, call (302) 831-8245.

UNIVERSITY GALLERY

Located on the second floor of historic Old College, the University Gallery presents exhibitions of regional and national importance and is a museum repository of art objects and cultural artifacts spanning the ancient period through the present. The University Gallery also serves a teaching function by providing opportunities for students to learn the current standards and practices of the museum field. To receive information on the University Gallery events and programs, please write: The University Gallery, 114 Old College, University of Delaware, Newark, DE 19716 or call (302) 831-8242.

STUDENT PUBLICATIONS AND COMMUNICATIONS

The student publications of the University are the *Review*, the student newspaper, and the *Blue Hen*, the yearbook. The "Voice of the University of Delaware"—WVUD, 91.3 FM radio—is professionally managed and operated by University students.

STUDENT LIFE TELEVISION

SLTV-49 is an innovative closed circuit campus television channel designed exclusively for students at the University of Delaware. SLTV-49 premiered in February of 1995 and is a department within the Division of Student Life. SLTV operates Sundays through Thursdays from 9 a.m. until 11 p.m. SLTV-49 may be viewed in residence halls, in campus lounges such as the Hen Zone in the Perkins Student Center, and in some campus dining locations.

SLTV-49 features diverse programming ranging from hit movies to original campus programming. Movies are rotated throughout each month so students may view them at their leisure. Original campus programs feature UD personalities in series sponsored by University departments and produced by student technicians. Each series involves creative student input in the various stages of production. Each semester, meetings will be held for students who wish to become involved with SLTV opportunities. Interested students should check the SLTV-49 channel for announcements of meeting times.

STUDENT LEADERSHIP ORGANIZATIONS

Three societies at the University of Delaware recognize and encourage student scholarship, leadership, and service: **Mortar Board**, **Omicron Delta Kappa**, and **Golden Key National Honor Society**. For information on election to membership or projects, call the Student Activities Office at 831-2428.

REGISTERED STUDENT ORGANIZATIONS

Over 180 registered student organizations provide leadership experiences and interest opportunities at the University. Students can choose from departmental clubs, professional societies, cultural associations, recreational, social, and educational activities. A complete list of registered organizations is included in the Official Student Handbook and in the blue pages of the Campus Directory. Call 831-2428 for information.

FRATERNITIES AND SORORITIES

The Greek Life program at the University has offered students an opportunity to belong to chapters of national fraternities and sororities since 1904. Alpha Epsilon Pi, Alpha Gamma Rho, Alpha Phi Alpha, Alpha Sigma Phi, Alpha Tau Omega, Iota Phi Theta, Kappa Alpha, Kappa Alpha Psi, Kappa Delta Rho, Lambda Chi Alpha, Omega Psi Phi, Phi Beta Sigma, Phi Delta Theta, Phi Kappa Tau, Phi Sigma Kappa, Pi Kappa Alpha, Pi Lambda Phi, Sigma Alpha Mu, Sigma Chi, Sigma Nu, Sigma Phi Epsilon, Tau Kappa Epsilon, Tau Epsilon Phi, Theta Xi, and Zeta Beta Tau are represented with fraternity chapters on the Delaware campus. Alpha Chi Omega, Alpha Epsilon Phi, Alpha Kappa Alpha, Alpha Omicron Pi, Alpha Phi, Alpha Sigma Alpha, Alpha Xi Delta, Chi Omega, Delta Gamma, Delta Sigma Theta, Kappa Delta, Phi Sigma Sigma, Sigma Gamma Rho, Sigma Kappa, and Zeta Phi Beta have sorority chapters here. The Dean of Students Office advises all chapters and colonies as well as their respective coordinating councils—the Interfraternity Council and the Panhellenic Council.

INTERCOLLEGIATE ATHLETICS PROGRAM

There are 22 intercollegiate varsity sports, 11 for men and 11 for women, including nationally-recognized programs in football, baseball, men's and women's basketball, men's and women's lacrosse and women's field hockey. Both men's and women's programs, except football and women's lacrosse, compete for overall athletic excellence within the North Atlantic Conference each year.

Delaware competes for athletic championships in NCAA Division I except for the football program, which competes in Division I-AA through the Yankee Conference and women's lacrosse, which is a member of the Colonial Athletic Association. Delaware also competes for championships as a member of the ECAC and IC4A. In recent years, 24 University athletes have been named Academic All-Americans and six have been awarded the prestigious NCAA Post-Graduate Scholarship.

The University's athletic facilities are among the finest in the East with the 23,000-seat Delaware Stadium; the Bob Carpenter Center which is a 5,000-seat multi-purpose building that houses the Blue Hen basketball programs, football locker rooms, and athletic administration offices; the Delaware Field House, which includes one of the region's finest indoor track facilities; the Delaware Diamond; softball field; an all-weather outdoor track; and numerous other game and practice fields.

RECREATION AND INTRAMURAL PROGRAMS

The Recreation and Intramural Program at the University attempts to contribute to the individual's overall educational experience by developing individual strength, endurance, and readiness through activities that are enjoyable, serve to relieve tensions, and encourage companionship. The programs provide trained and responsible leadership, opportunities to experience the desirable physical, mental and emotional outcomes of participating in activities and help individuals build a worthwhile recreational attitude that will serve them throughout their life. The Recreation and Intramural Program includes the following programs.

Open Recreation. The Carpenter Sports Building is open for recreational use on Monday through Friday from 12 noon to 1:00 p.m. and 4:00 p.m. to 10:00 p.m. and on Saturday and Sunday from 12:00 noon to 8:00 p.m., except when special events are scheduled. Facilities available include a swimming pool, racquetball courts, squash courts, basketball courts, volleyball courts, weight rooms, Student Fitness Center, Outdoor Recreation Resource Center, indoor climbing wall, and fields. For hours of specific facilities, call (302) 831-2264. **A current University of Delaware I.D. card is required to gain entrance to the building.**

Intramural Programs. The University provides an extensive intramural athletic program for men and women. The Intramural Council, made up of representatives from campus organizations participating in the program and the Associate or Assistant Director, meet once a week to organize schedules and set up ground rules for the various sports. Usually, more than half the students compete in some phase of the intramural program. There are leagues, tournaments, and contests established for the men's, women's, and coed divisions in the following sports: badminton, basketball, billiards, field hockey, golf, indoor soccer, innertube water polo, lacrosse, racquetball, soccer, softball, street hockey, table tennis, 5K series, tennis, flag football, ultimate frisbee, volleyball, and walleyball.

Recreational Activity Programs. These instructional activities include ballroom dance, self-defense, juggling and other programs of interest to students.

Fitness Centers. The Fitness Center consists of five facilities around campus: the **Cardiovascular Room** in Carpenter Sports

Building which contains aerobic equipment; the **Strength and Conditioning Room** which contains aerobic Universal weight machines, platform joggers, stationary bikes and selected free weights; the **Harrington Fitness Center** on east campus with state-of-the-art cardiovascular equipment, single station resistance equipment and a specialized aerobics room; the **Pencader Fitness Center** located on north campus with cardiovascular equipment and single station resistance equipment; and the **Employee Fitness Center** located in Carpenter Sports Building. The **Fitness Center Programs** offer classes in aerobics, step aerobics weight training, yoga aquacise, deep water workout, meditation, walking, personal safety and self defense.

Outdoor Recreation Resource Center (ORRC). The Outdoor Recreation Resource Center consists of the Equipment Rental Center, which provides a variety of outdoor equipment for rent to students and staff; the Indoor Climbing Wall with supervised instruction and practice to develop and improve one's skills; and outdoor instructional programs in rockclimbing, canoeing, bicycling, camping, etc. offered during the semester. All these programs are scheduled to provide students with a safe learning experience with quality equipment. Additionally, a comprehensive Adventure Challenge Experience program is conducted by the department as a teaching and outdoor learning tool utilizing on-campus high and low ropes course facilities. The ORRC is designed to help people meet and share outdoor experiences with one another. It can assist both beginners and experienced recreators to further develop their outdoor skills. The program also aims to foster awareness and appreciation of the natural environment. The ORRC includes program opportunities, instruction, equipment rental, and printed information.

STUDENT HEALTH SERVICE (SHS)

The Student Health Service, located in Laurel Hall on the south end of the main campus mall, provides out-patient and in-patient medical services for all undergraduate and graduate students. The SHS is staffed by physicians, psychiatrists, nurses and technical staff — all well trained, fully licensed professionals. The physician staff are Board certified or Board eligible in the following specialties: family practice, pediatrics, gynecology and psychiatry.

Out-patient services are primarily provided on an appointment basis, and include x-ray and laboratory services, surgical treatment for minor lacerations, EKG testing, non-operative orthopedic services, ambulance/medical transport services and consultation and referral for complex medical cases. SHS physicians and nurses are available to see patients from 8:00 a.m. to 4:30 p.m., Monday through Friday. On-call physician and mental health professional coverage is maintained for telephone consultation.

Nurses are available to see patients on a 24-hour, seven-day-a-week basis when the residence halls are open. Out-patient services also include an immunization clinic for allergy injections and other inoculations, an outpatient gynecologic service, a psychiatric service which offers short-term psychotherapy within a session limit time frame with staff available after hours for mental health emergencies, a substance abuse counseling service and a sports medicine clinic (located at The Bob Carpenter Center). There is also a limited dispensary of pharmaceutical medications available for purchase for common prescriptions written at the SHS. The medication costs are below retail prices (exclusive of prescription plans, etc.). The SHS also provides equipment (sharps containers for lancets, needles, etc.) and information on the availability of other services on campus for the handling of infectious medical waste (i.e., materials contaminated with blood or other potentially infectious materials). Through its Self Care Cold Clinic and Self Care Wound Clinic, the SHS supports students with educational materials and some complementary over-the-counter medications promoting self-directed care for minor health problems.

The SHS sponsors a comprehensive health education program called Wellspring, designed to help members of the University community evaluate, maintain and promote their own health. Wellspring-sponsored programs and services include individual and group education on alcohol/drugs, stress management, fitness/nutrition, sexuality concerns (including HIV/AIDS information, confidential testing and a pre- and post-test counseling service for HIV), and eating disorders concerns. The SHS also sponsors a sexual offense support (SOS) group to help survivors of sexual offense and to provide educational programs that focus on acquaintance/date rape awareness and prevention.

All full-time students are eligible for these services and are charged the semester and winter session health fee. This fee covers all costs except x-ray, prescription drugs, orthopedic appliances, special serum injections, off-campus medical referrals and laboratory testing sent to private labs. The semester and winter session health fee also supports the mental health services offered through the Center for Counseling and Student Development. Part-time admitted students can receive the services of the SHS by paying either the semester/winter session health fee or separate charges for each service. The University also sponsors an optional accident and sickness insurance program available to all admitted full- and part-time students. For further information, call the Student Health Service at (302) 831-2226.

SERVICES FOR STUDENTS WITH DISABILITIES

The Office of the Americans with Disabilities Act Coordinator provides services for students with permanent disabilities (other than learning disabilities). These include priority scheduling, short-term loan of cassette tape recorders, keys to campus elevators, assistive listening devices, and readers, note takers, interpreters and examination assistants, where appropriate. In addition this office provides assistance in finding available accessible housing in residence hall and apartment settings, and in arranging transportation on campus. For further information, call the Office of the ADA Coordinator at (302) 831-2835 (voice) or (302) 831-4552 (TDD).

DEPARTMENT OF PUBLIC SAFETY

The administrative office responsible for police and security services on the campuses of the University of Delaware is the Department of Public Safety. Public Safety staff provide 24-hour-a-day response to reports of on-campus emergencies and criminal actions. Reports of emergencies or requests for assistance may be communicated directly over more than 200 "dial-free" campus emergency telephones, or by calling the University Police emergency number: (302) 831-2222.

The Police Division of the Department of Public Safety is staffed by 45 men and women who have met the police training certification requirements of the State of Delaware and who exercise full

law enforcement authority on the campus and contiguous streets. Public Safety's Security Division employs 16 full-time officers and approximately 35 part-time Student Security Aides. These staff receive departmental training and assist the University Police by performing non-law enforcement duties.

The most recent annual report of campus crime statistics is included in *The Official Student Handbook*. A copy is available, upon request, from the Department of Public Safety, University of Delaware, Newark, DE 19716.

MOTOR VEHICLE REGISTRATION AND USE

University personnel (students, faculty, staff, and visitors) are extended the privilege of operating and parking motor vehicles on campus only in accordance with the conditions stated in the publication Motor Vehicle Regulations. Copies of these regulations are available from the Traffic Office of the Department of Public Safety. All vehicles parked on campus (other than in the visitors' lots or at activated meters) must be registered with the Traffic Office and display a current parking permit. This requirement is in force at all times throughout the year.

Generally, undergraduate students are eligible for parking privileges only if they commute daily from their homes to the University. Car pools are encouraged and car pool permits are available at special rates. Students who reside on campus are not permitted to register or operate motor vehicles (other than motorcycles or mopeds) on campus, other than for weekend use. Exceptions will be granted for resident students with verified physical handicaps, or medical, academic, or other special needs. Assignment of parking lot privileges will be made at the time of vehicle registration, consistent with the regulations currently in effect.

The University reserves the right to remove and store any vehicle parked on its property that lacks registration or is otherwise in violation of the motor vehicle regulations at the expense of the owner. University parking privileges are subject to revocation for repeated violations of the motor vehicle regulations.

IDENTIFICATION CARDS

The UD#1 CARD is the student's official University identification. It is issued to each full- and part-time undergraduate student upon matriculation and must be in the student's possession at all times. With an active registration each term, privileges such as using the library and computing sites will be accessible with this card. Other privileges such as Dining Services require payment of a fee to have access with the UD#1 CARD. The UD#1 CARD is not transferable. It is the property of the University and must be surrendered upon request. It becomes void upon withdrawal and must be returned to the UD#1 CARD Office, Student Services Building. Loss of an UD#1 CARD should be reported promptly by dialing UD#1 CARD (831-2273), available 24 hours each day.



GRADUATE STUDIES

- College of Agricultural Sciences
- College of Arts and Science
- College of Business and Economics
- College of Education
- College of Engineering
- College of Human Resources

- College of Marine Studies
- College of Nursing
- College of Physical Education, Athletics and Recreation
- College of Urban Affairs and Public Policy

Each of the ten colleges of the University offers programs leading to graduate degrees. These include the degrees of Master of Arts, Master of Science, Master of Education, Master of Business Administration, Master of Chemical Engineering, Master of Civil Engineering, Master of Electrical Engineering, Master of Mechanical Engineering, Master of Applied Sciences, Master of Materials Science and Engineering, Master of Music, Master of Public Administration, Master of Instruction, Master of Fine Arts, Master of Marine Policy, Master of Physical Therapy, Doctor of Philosophy, and Doctor of Education.

Graduate work leading to the master's degree is offered in 77 different programs; programs leading to the degree of Doctor of Philosophy are available in 39 areas of study and the degree of Doctor of Education is offered in educational leadership. Various concentrations are available within many of the graduate degree programs. The degree programs include interdepartmental majors in operations research, biomechanics and movement science, biomedical engineering, public horticulture administration, conservation of historic and artistic objects, early American culture, and neuroscience.

Graduate assistantships and fellowships support 80 percent of the full-time graduate students at the University. Graduate students holding assistantships participate in sponsored research projects and in teaching at the undergraduate level.

Requests for copies of the *Graduate Catalog* and general inquiries about graduate study should be addressed to the Graduate Studies Office (phone: (302) 831-2129). The *Graduate Catalog* is also available on U-Discover, the University of Delaware's on-line information service. Inquiries concerning a specific area of study should be addressed to the chair of the department or area concerned.

GRADUATE COLLEGES

College of Agricultural Sciences. The College of Agricultural Sciences offers graduate-level education in all academic departments: Agricultural Engineering, Animal Science and Agricultural Biochemistry, Entomology and Applied Ecology, Food and Resource

Economics, Food Science, and Plant and Soil Sciences. All departments, with the exception of Agricultural Engineering, offer the Master of Science degree; additionally, the Doctor of Philosophy degree is offered in animal science and agricultural biochemistry and in plant science. Food Science Ph.D. degree work is offered as a concentration in the Animal and Food Sciences program. The college manages an M.S. degree program cooperatively with Longwood Gardens in the area of public horticulture administration. Two departments, Agricultural Engineering and Food and Resource Economics, participate in the interdisciplinary Operations Research Program. The college is interested in attracting highly qualified students with a desire to enter into research. Professors in the college are formally responsible for research projects in the Delaware Agricultural Experiment Station, and students often move into a facet of an established research project.

In the departments of the College of Agricultural Sciences there are facilities for study and research of a biological or biochemical nature on a wide variety of plant and animal species. Facilities include modern equipment for chromatography, electrophoresis, spectroscopy, phase microscopy, histology, tissue culture, environmental, and statistical studies. Computer facilities are available to enhance economic and marketing research. In addition, eight hundred acres of farmland (the University Farm at Newark and the Research and Education Center Farm at Georgetown), the greenhouses, and other facilities of the Agricultural Experiment Station are available for graduate instruction and research. Various salt marsh and woodland areas are available for studies in ecology.

College of Arts and Science. The College of Arts and Science offers master's programs in 33 fields and Ph.D. degree programs in 20 fields. The College offers state-of-the-art facilities for advanced and specialized study in the physical and life sciences, social sciences, and the arts and humanities. These programs are administered by the department with which they are affiliated. Virtually all faculty members in the college are qualified to supervise graduate-level programs. Most of the graduate programs emphasize individual scholar-

ly activity or research under the close supervision of a faculty member. The scope of the programs within the College prevents inclusion of detailed descriptions here. A synopsis of ongoing faculty research and scholarship projects can be obtained from individual departments, and information on degree and admission requirements can also be obtained from the departments or in the Graduate Catalog.

College of Business and Economics. The College of Business and Economics offers master's degrees in all three of its disciplines, Accounting, Business Administration, and Economics, and a joint degree program in Economics and Business Administration. An executive M.B.A. program is offered at the University's Wilmington campus. The College also offers the doctoral degree in economics. All degrees are designed to offer the student a general understanding of the overall economic system and a variety of decision units within that system.

The objective of the M.S. in Accounting program is to extend the education of qualified students into advanced study in each of the major areas of the field of accounting (financial, managerial, information systems, auditing, and taxation), as well as in the supporting fields of finance and quantitative methods. In taking students beyond the level of study offered by an undergraduate program in accounting, the M.S. provides additional preparation for careers in public accounting, industry, and government and establishes a foundation for further study at the Ph.D. level in preparation for an academic career. The M.B.A. program develops students' leadership ability, technological expertise, awareness of the globalization of the world economy, and the basic conceptual and analytical skills required of every business leader. M.B.A. students have the option of choosing a concentration in eight different areas, including accounting. The M.S. in Economics is focused on the growing application of analytical techniques and economic research in government and private industry; it is primarily oriented toward students pursuing a career in applied economics as well as providing an excellent foundation for further work in a Ph.D. program. An M.A. option in economics is also available. The Ph.D. in Economics builds upon the M.S. degree. This program develops quantitative skills required to conduct applied economic research. This program prepares graduates for careers in the public and private sectors as well as academics.

College of Education. The College of Education offers programs of study that lead to the degrees of Master of Instruction, Master of Education, Master of Arts, Master of Science, Doctor of Education, and Doctor of Philosophy. These programs combine professional study, related subject-area content and research procedures for the express purpose of preparing educational leaders in the fields of teaching, administration, supervision, counseling, and research. In addition, graduate-level courses are offered that lead to certification and professional advancement but not to a degree.

Doctoral programs are offered in educational development (Ph.D.), educational studies (Ph.D.), and educational leadership (Ed.D.). The Ph.D. in educational development is offered to qualified persons who wish to acquire scholarly competence in the development and evaluation of curricula and offers specializations in curriculum theory and related curriculum content specializations, i.e., literacy, mathematics, science, and social studies education. The Ph.D. in educational studies is offered to qualified persons who wish to acquire scholarly competence in basic processes of schooling and education and offers specializations in cognition and instruction; applied human development educational policy; and measurement, statistics and evaluation. The Doctor of Education degree program is offered in the area of educational leadership with specializations in school administration, program development and supervision, community/junior college administration, adult/community development, and curriculum and instruction. The scheduling of program requirements will permit practicing educational leaders who are employed full time to complete this degree program.

The College of Education facilities in Willard Hall Education Building include laboratories, clinics, microcomputers, observation rooms, and multimedia equipment for research in curriculum, instruction, and learning, as well as a laboratory school, called The College School, for children with learning difficulties.

College of Engineering. The College of Engineering has a strong commitment to graduate education through teaching and research. Programs leading to both the master's and Ph.D. degrees are offered through the four traditional departments of Chemical, Civil, Electrical, and Mechanical Engineering, as well as through the interdepartmental Materials Science Program.

Part-time graduate students can attend classes as graduate non-degree students through the Engineering Outreach Program. These courses may apply to a graduate degree in Engineering upon regular admission to a specific degree program in Engineering. Detailed information is available from Assistant Dean Robert Sample, (302) 831-2401.

Engineering students at the University have the advantage of participating in the College's research centers: the Center for Applied Coastal Research, the Center for Catalytic Science and Technology, the Center for Composite Materials, the Center for Molecular and Engineering Thermodynamics, and the Orthopedic and Biomechanical Engineering Center. Detailed information on specific programs may be obtained from the department or program chair concerned.

College of Human Resources. Opportunity for graduate study leading to Master of Science degrees is offered in Individual and Family Studies and Human Nutrition. A Ph.D. program is offered in the area of Family Studies. Additional information regarding specific program options may be obtained by contacting the appropriate department chair or the dean of the college.

Some of the modern and well-equipped facilities for advanced study and research within the College of Human Resources include preschool laboratories, an instructional resources center, nutrition laboratories, food science laboratories, food microbiological laboratories, a nutrition clinic, an adult day care center, and computer laboratories.

College of Marine Studies. The Graduate College of Marine Studies offers interdisciplinary master's and doctoral degrees in four areas of study: oceanography, marine biology-biochemistry, applied ocean science, and marine policy. Marine Studies graduate students specialize in one of these areas but also must understand the vocabularies and basic concepts of the others.

Undergraduate students interested in marine studies are advised to major in such related areas as physics, chemistry, mathematics, biology, geology, engineering, or the social sciences to develop a sound foundation for graduate work and to take introductory marine-oriented courses as electives to develop their interest and competence. They are encouraged to contact Marine Studies faculty to participate in special problems, senior thesis, honors programs, or senior research, either during the academic year, winter session, or summer session.

For further information, call the Office of the Dean at (302) 645-4279.

College of Nursing. The College of Nursing offers a program leading to a Master of Science in Nursing (M.S.N.) degree. The program is designed to prepare Clinical Nurse Specialists (CNS), Nurse Administrators, and Family Nurse Practitioners (FNP). Clinical specialization in the CNS concentration is offered in gerontology, adult cardiopulmonary, oncology/immune deficiency, pediatrics, and mothers and newborns. Nursing administration prepares nurses for leadership positions as nurse managers at a variety of levels. The Family Nurse Practitioner concentration prepares nurses to provide primary health care to clients of all ages; all FNP graduates are qualified to sit for the national certifying examinations. Post-master's certificate programs provide specialized training in several areas for students who already hold a Master of Science in Nursing degree.

The graduate program includes core concepts of advanced nursing practice as well as concepts specific to the area of specialization. The curriculum is built on the theories and professional practice students have obtained at the baccalaureate level of nursing education and provides a foundation for future doctoral study.

The majority of students attend classes on a part-time basis. All classes are held after 3:00 p.m., in order to accommodate working nurses. Alternative delivery methods are available for selected courses. These may include videotaping of some courses as well as satellite transmission for long-distance learners.

College of Physical Education, Athletics and Recreation. The college, through its Physical Education program, offers a graduate program leading to a Master of Science or Master of Arts degree in Physical Education. A variety of options are available to assist students in meeting academic goals. Graduates of the program enjoy careers in academia, research, coaching, cardiac rehabilitation, and fitness management.

Laboratory and research facilities are modern and well equipped and include a sport science laboratory for the study of biomechanics and exercise physiology. Students with certification in athletic training can supplement their graduate education in the Sports Medicine Clinic and/or Athletic Training Rooms. Support is provided by a sports medicine physician and certified athletic trainers who supervise various physical therapy modalities, rehabilitation, taping, and treatment of patients.

Research opportunities are available in the Ice Skating Science Development Center. Testing of elite skaters is done on a regular basis and includes the areas of exercise physiology, sports psychology, nutrition, biomechanics, and sports medicine. The College offers additional research through its partnership with the Mechanical Engineering Department and the A. I. duPont Institute in an interdisciplinary orthopedic biomechanical center.

College of Urban Affairs and Public Policy. The Graduate College of Urban Affairs and Public Policy offers both the Master of Arts in Urban Affairs and the Doctor of Philosophy in Urban Affairs and Public Policy. The College also offers a Master of Public Administration degree.

The graduate programs are multidisciplinary and seek to prepare students for a broad range of career opportunities in the public, private and nonprofit sectors. The M.A. and the Ph.D. programs stress the skills necessary for application of social science perspectives to

public policy problems. M.A. students have the opportunity to develop areas of specialization in energy and environmental policy, historic preservation, and community analysis and development. The Ph.D. program focuses on issues of technology, environment and society, and planning and governance and prepares its graduates to assume positions in academia, government and research institutions. The M.P.A. program stresses knowledge and skills essential to the competent public manager. Graduate students have the opportunity to develop areas of specialization such as state and local management, international development policy and administration, environmental and energy management, fiscal and resource management and human resources management. Doctoral students must demonstrate their capacity for independent research through the development and defense of a dissertation. M.P.A. students normally complete an internship; an analytical paper or thesis is required. M.A. students normally complete an analytical paper focusing on planning or policy analysis. Students in all three programs have the opportunity for involvement in numerous research and public service projects conducted by the faculty and professional staff of the College.

Undergraduates interested in preparing for graduate education leading to careers in urban affairs and public policy and public administration are advised to major in one of the social science disciplines. Upper-level undergraduate students, with the permission of the instructor, may enroll in introductory courses offered by the College. The faculty of the College are available to advise undergraduates concerning preparation for graduate study.

The College contains several formal units which conduct research and public service. The **Center for Applied Demography and Survey Research** is a fully staffed, professional survey research unit. The **Delaware Public Administration Institute** provides public agencies with technical assistance in financial, legislative, and personnel administration, in labor relations and in-service management training. The **Center for Energy and Environmental Policy** supports the analysis of energy and environmental policies at the local, state, national and international levels. The **Center for Historic Architecture and Engineering** focuses University-wide resources on the documentation, interpretation and preservation of the built environment. The **Center for Community Development** offers research and other technical skills to community groups and agencies throughout the State. The **Urban Affairs Association**, the international professional association for urban researchers, is housed in the College. For further information, call the Office of the Dean at (302) 831-2394.

