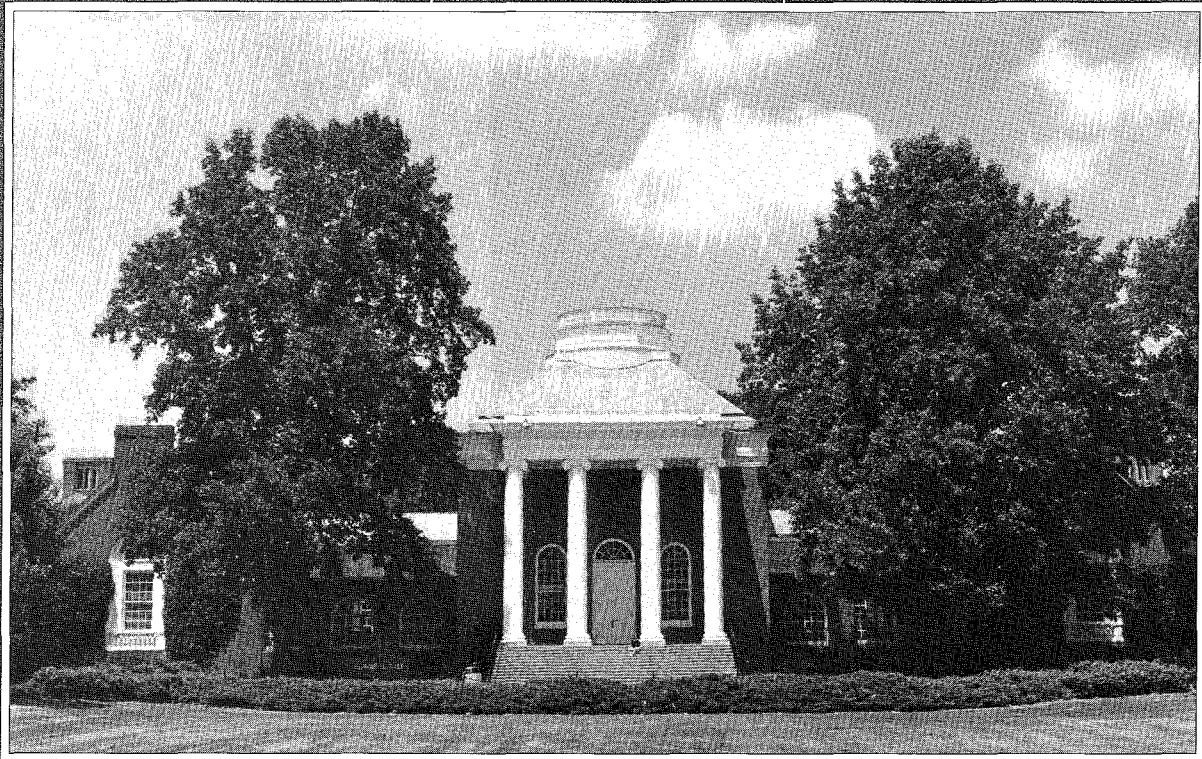


UNIVERSITY OF
DELAWARE

1993-1994
UNDERGRADUATE
CATALOG



250
1743
1993
YEARS OF CLASS

BULLETIN OF THE UNIVERSITY OF DELAWARE (U.S.P.S. 077580)

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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* is 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.

The University of Delaware is committed to assuring equal opportunity to all persons and does not discriminate on the basis of race, color, gender, religion, ancestry, national origin, sexual orientation, veteran status, age, or disability in its educational programs, activities, admissions or employment practices as required by Title IX of the Educational Amendments of 1972, Section 503 of the Rehabilitation Act of 1973, Title VI of the Civil Rights Act of 1964, and other applicable statutes. Inquiries concerning Title IX, Sections 503 and 504 compliance, and information regarding campus accessibility and Title VI should be referred to the Affirmative Action Officer, 307 Hullihen Hall, (302) 831-2835.

P. W. Jeffery
Elliott Hall



UNIVERSITY OF DELAWARE

1993-94 UNDERGRADUATE CATALOG

A MESSAGE TO STUDENTS

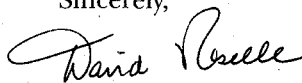
The University of Delaware has made a commitment to help you, as students, achieve your individual educational goals. Commitment is a word we hear a lot these days, but you may not have thought about it in terms of your higher education. Your decision on what college or university to attend is one of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

As in all healthy relationships, the University of Delaware commitment to our students takes many forms. 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 more than 900 data bases. 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.

We've also taken several steps recently to make the business of getting an education both more efficient and more pleasant. Our new Student Services Building provides "one-stop shopping" for many tasks. The facility 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 using a touchtone phone. In addition, a new networking project in the University's residence halls is making it possible for students to have cable television in their rooms, as well as to connect personal computers to the campus network.

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 History Biological Sciences (includes Biotechnology) Biological Sciences Education Chemistry Chemistry Education Classics Education 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 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 Technology of Artistic and Historic Objects Theatre Production
	<i>Bachelor of Arts in Liberal Studies</i>	Liberal Studies	
	<i>Bachelor of Fine Arts</i>	Fine Arts	
	<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 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) Medical Technology Physics (includes Astronomy, Chemical Physics and Applied Physics) Statistics Visual Communication

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 Mechanical Engineering</i>	Mechanical Engineering	
COLLEGE OF HUMAN RESOURCES	<i>Bachelor of Science in Human Resources</i>	Apparel Design Applied Nutrition Consumer Economics Coordinated Undergraduate Program in Dietetics Dietetics Early Childhood Development and Education Family and Community Services	Hotel, Restaurant and Institutional Management Human Development and Family Processes Interdisciplinary Studies in Human Resources Nutritional Sciences Textiles and Clothing: Merchandising Textile Science
COLLEGE OF NURSING	<i>Bachelor of Science in Nursing</i>	Nursing	Baccalaureate for Registered Nurses (BRN)
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/ Agricultural Economics	Steven E. Hastings – 229 Townsend
	Animal Science	John K. Rosenberger – 40A Townsend
	Entomology	Roland R. Roth – 244 Townsend
	Food Science	Robert Keown – 234 Alison
COLLEGE OF ARTS AND SCIENCE	African Studies	Wunyabari Maloba – 316 Ewing
	Anthropology	Juan Villamarin – 113A Ewing
	Art	Martha Carothers – 103 Recitation Hall
	Art History	John Crawford – 319 Old College
	Biology	Gregory Stephens – 117A Wolf
	Black American Studies	James Newton – 417A Ewing
	Chemistry	John Burmeister – 102 Brown Lab.
	Cognitive Science	William Frawley – 46 E Delaware Ave., rm. 301
	Comparative Literature	Hans Peter Breuer & Theodore E. D. Braun – 428 Smith
	Computer Science	David Saunders – 301A Ewing
	East Asian Studies	David Pong – 401A Ewing
	English	Renee Fisher – 210 Memorial
	Foreign Languages:	
	Classics	Gerald Culley – 450 Smith
	French	Bonnie Robb – 421 Smith
	French Studies	Bonnie Robb – 421 Smith
	German	Elizabeth Thibault – 413 Academy
	German Studies	Elizabeth Thibault – 413 Academy
	Italian	Cynthia Capone – 426 Smith
	Russian	Susan Amert – 440 Smith
	Spanish	David Stixrude – 414 Smith
	Spanish Studies	David Stixrude – 414 Smith
	Geography	John Mather – 229 Newark
	Geology	Billy Glass – 208 Penny Hall
	History	Steven Sidebotham – 407 Ewing
	Irish Studies	Bonnie Scott – 204 Memorial
	Jewish Studies	Sara Horowitz – 301D Willard
	Latin American Studies	Juan Villamarin – 113A Ewing
	Legal Studies	Jack Carter – 406 Purnell
	Linguistics	Thomas Ernst – 46 E. Delaware Ave., rm. 201
	Mathematics	Gary Ebert – 510 Ewing
	Medical Humanities	Rivers Singleton & John Engel – 318 Wolf
	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	Frank Dilley – 24 Kent Way
	Physics	Maurice V. Barnhill – 264 Sharp Lab
	Political Science	Joseph Pika – 347 Smith
	Psychology	George Cicala – 224E Wolf
	Public Administration	Richard Sylves – 388 Smith
	Religious Studies	Alan D. Fox – 24 Kent Way, rm. 101B
	Science, Technology & Society	Rivers Singleton & Paul Durbin – 318 Wolf
	Sociology	Allan McCutcheon – 316 Smith
	Theatre	Joann Browning – 208 Mitchell
	Women's Studies	K. S. Conway-Turner – 333 Smith
COLLEGE OF BUSINESS AND ECONOMICS	Business Administration	Robert B. Barker – 108 Purnell
	Economics	Eleanor Craig – 412 Purnell
	International Business	Robert B. Barker – 108 Purnell
	Management Information/ Decision Support Systems	Jeff Gillespie – 218 Purnell
COLLEGE OF EDUCATION	Educational Studies	James Davis – 201A Willard Hall Ed. Bldg.
COLLEGE OF ENGINEERING	Civil Engineering	Dov Leshchinsky – 360E Du Pont Hall
COLLEGE OF HUMAN RESOURCES	Nutrition	Louise Little – 244A Alison East



UNIVERSITY CALENDAR*

FALL SEMESTER 1993-94

Monday, August 30

Residence halls check-in for new students: 8:00 a.m. to 4:00 p.m.
Fall New Student Orientation and Advisement begins.

Tuesday, August 31

New Student Convocation.
Residence halls check-in for returning students: 8:00 a.m. to 9:00 p.m.
Deadline for admission to doctoral candidacy for degrees to be conferred in December 1993.

Wednesday, September 1

Fall New Student Orientation ends.
Late Registration, and Change of Registration begin.

Thursday, September 2

Classes begin at 8:00 a.m.

Monday, September 6

Labor Day Holiday, offices closed; classes suspended.

Wednesday, September 15

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

Thursday, September 16

Last day to register or to add classes. No tuition refunds after this date. Grades of "W" recorded and tuition charged for courses dropped after this date.
Deadline for *undergraduate students* for completion of deferred examinations and incomplete work (grade I) from spring semester 1992-93 and 1993 Summer Sessions.

Friday, September 17

Deadline for filing application for graduate degrees to be conferred in December 1993.

Friday, September 24

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

Wednesday, October 13

Deadline for *graduate students* for completion of deferred examinations and incomplete work (grade I) from spring semester 1992-93 and 1993 Summer Sessions.
Registration begins for Winter Session.

Thursday, October 14

Last day to change registration or to drop classes without academic penalty, *except first semester freshman students*. (see Oct. 28).

Friday, October 15

Freshman midterm marking period ends.

Monday, October 25

Fall break – classes suspended.

Thursday, October 28

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

Monday, November 8

Deadline for receipt of doctoral dissertations and executive position papers for degrees to be conferred in December 1993.

*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 15

Deadline for receipt of master's theses for degrees to be conferred in December 1993.

Undergraduate admission application deadline for freshmen and transfer students entering Spring Semester, 1994.

Thursday, November 18

Registration for Spring Semester begins.

Wednesday, November 24

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 25

Thanksgiving Day. University offices closed. No classes meet.

Friday, November 26

Holiday. University offices closed. No classes meet.

Sunday, November 28

Residence halls open at 2:00 p.m.

Monday, November 29

Classes resume following Thanksgiving recess.

Wednesday, December 1

Deadline for graduate admission applications for Spring 1994.

Monday, December 13

Last day of classes.

Tuesday, December 14

Reading day (no examinations scheduled).

Wednesday, December 15

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, December 18

Reading day (no examinations scheduled).

Sunday, December 19

Reading day (no examinations scheduled).

Wednesday, December 22

Final examinations end.

Residence halls close at 10:00 p.m.

Saturday, January 8

January Commencement.

1994 WINTER SESSION

Wednesday, October 13

Registration for Winter Session begins.

Friday, December 3

Fee payment deadline for Winter Session.

Sunday, January 2

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

Monday, January 3

Classes begin at 8:00 a.m.

Late Registration begins. Change of registration for advance registered students begins.

Thursday, January 6

Last day to register or to add classes. No tuition refunds after this date. Grades of "W" recorded and tuition charged for courses dropped after this date.

Friday, January 14

Deadline for graduate admission recommendations for Spring Semester 1994.

Monday, January 17

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

Tuesday, January 18

Last day to change registration or to drop classes without academic penalty.

Friday, February 4

Last day of classes.

Saturday, February 5

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 1993-94

Monday, November 15

Undergraduate admission application deadline for freshmen and transfer students entering Spring Semester, 1994.

Thursday, November 18

Registration for Spring Semester 1993-94 begins.

Wednesday, December 1

Graduate admission application deadline for Spring Semester, 1994.

Monday, January 3

Undergraduate readmission application deadline for Spring Semester, 1994.

Friday, January 7

Fee payment deadline for Spring Semester, 1994.

Friday, January 14

Deadline for graduate admission recommendations for Spring Semester, 1994.

Wednesday, January 19

New Student Orientation Phase I begins.

Thursday, January 20

New Student Orientation Phase I ends.

Monday, January 31

Deadline for admission to doctoral candidacy for degrees to be conferred in May 1994.

Sunday, February 6

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

Monday, February 7

New Student Orientation Phase II.
Late Registration and Change of Registration for advance registered students begin.

Tuesday, February 8

Classes begin at 8:00 a.m.

Tuesday, February 15

Deadline for filing application for graduate degrees to be conferred in May 1994.

Monday, February 21

Last day to register or to add classes. No tuition refunds after this date. Grades of "W" recorded and tuition charged for courses dropped after this date.

Deadline for undergraduate students for completion of deferred examinations and incomplete work (grade I) from Fall Semester 1993-94 and 1994 Winter Session.

Tuesday, March 1

Undergraduate admission application deadline for freshmen and transfer students entering Fall Semester 1994-95.

Monday, March 21

Last day to change registration or to drop classes without academic penalty, *except for first semester freshman students* (See April 11).

Monday, March 21

Deadline for graduate students for completion of deferred examinations and incomplete work (grade I) from Fall Semester 1993-94 and 1994 Winter Session.

Friday, March 25

Spring recess begins at end of classes. Residence halls close at 7:00 p.m.

Freshman midterm marking period ends.

Friday, April 1

Deadline for graduate admission applications for admission in June 1994.

Sunday, April 3

Residence halls open at 2:00 p.m.

Monday, April 4

Classes resume at 8:00 a.m. following spring recess.

Monday, April 11

Deadline for receipt of doctoral dissertations and executive position papers for degrees to be conferred in May 1994.

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

Monday, April 18

Deadline for receipt of master's theses for degrees to be conferred in May 1994.

Monday, April 25

Registration for Fall Semester 1994-95 begins.

Friday, April 29

Deadline for admission to doctoral candidacy for degrees to be conferred in August 1994.

Friday, May 6

Honors Day. Modified class schedule.

Wednesday, May 11

Registration for 1994 Summer Sessions begins.

Monday, May 16

Deadline for filing application for graduate degrees to be conferred in August 1994.

Thursday, May 19

Last day of classes.

Friday, May 20

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 21

Reading day (no examinations scheduled).

Sunday, May 22

Reading day (no examinations scheduled).

Friday, May 27

Final examinations end.

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

Saturday, May 28

Commencement.

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

Monday, May 30

Memorial Day. University offices closed.



THE UNIVERSITY

- **History**
- **Mission**
- **The Faculty**
- **The Student Body**
- **Undergraduate Research**
- **Academic Year**
- **Alumni Relations**

The 1993-94 academic year marks the University of Delaware's 250th 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, 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-one 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. Recommenda-

tions 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 the changes occurring in our society as a result of newly defined roles for men and women and assists in implementing these programs.

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 lecture-ship 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 1992, 21,137 students were enrolled including 15,269 undergraduate students, 2,844 graduate students, and 3,024 students enrolled in credit courses through the Division of Continuing Education. Of the undergraduate total, 624 were enrolled in the University Parallel Program at Delaware Technical & Community College in Dover, Georgetown, and Wilmington. Currently, about 59% of each entering class of undergraduates is from out of state.

Entering 1992 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 1992, the University offered 111 undergraduate majors. The average class size for undergraduates was 32 students, and the student-to-faculty ratio was 17 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.

UNDERGRADUATE RESEARCH

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.

In addition to undergraduate internships offered by research institutes affiliated with the University, the Delaware Nature Society in Hockessin, Delaware, offers part-time, one-semester internships for advanced undergraduate students in all of the natural science fields, in science education, and in communications. 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.

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 RELATIONS

The Alumni Relations Office, under the supervision of the Vice President for Development and Alumni Relations, conducts programs and activities for University alumni with the counsel of the Board of Directors of the Alumni Association. All persons who successfully complete 30 credit hours of study are eligible to become members of the Alumni Association. There are more than 76,000 living alumni. The Association has no membership dues. Instead, alumni are encouraged to support the University each year through the Delaware Annual Fund, organized by the Development Office with cooperation from the Alumni Relations Office.

The Office coordinates such major events as Homecoming, Alumni Wall of Fame, Presidential Citation for Outstanding Achievement, Recent Grads Day, and Alumni Reunion Weekend and assists with arrangements for class reunions, special interest reunions, and alumni chapter events of the 29 regional chapters throughout the country. It also conducts a travel program.

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.

The Student Alumni Association (SAA), initiated in 1983, serves currently enrolled students and provides them with the opportunity to interact with alumni. Through the SAA, students gain experience in management, public relations, and writing while participating in programs such as the Student Connection, which assists incoming freshmen.

For further information, call (302) 831-2341.



UNDERGRADUATE ADMISSIONS

- Admission Guidelines for Freshmen
- Honors Program Admission
- Admission for Foreign Students
- Transfer Applicants
- Application Deadlines
- Personal and Family Medical History Form
- Advanced Placement Program
- 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 sopho-

more 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 admitted 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.

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. Three-quarters typically have Scholastic Aptitude Test scores of 1200 or greater, and the median high school average is 3.7 on a 4-point scale. 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 preceding 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, and communication. 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. 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, it is recommended that materials be sent 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. Information can be obtained from the Admissions Office. Advanced placement is given in other curricular areas. Students should have their test results sent to the Admissions Office.

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 mini-

mum 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, 127 Memorial 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 Parallel Program 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 in these areas, 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
- Meal Fees
- Rebates on Room Charges
- Other Fees
- Payment of University Charges
- Penalties for Nonpayment
- Residence Halls
- 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 36 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 1992-93 academic year and are subject to change for the 1993-94 academic year.

	Delaware Residents		Non-Residents	
	Semester	Acad. Yr.	Semester	Acad. Yr.
Tuition	\$1,695.00	\$3,390.00	\$4,525.00	\$9,050.00
Room/Board	\$1,878.00	\$3,756.00	\$1,878.00	\$3,756.00
TOTAL	\$3,573.00	\$7,146.00	\$6,403.00	\$12,806.00

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

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 students 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 students and non-Delaware students 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 student 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 student 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.

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

All of the ramifications of Delaware student status cannot be included in the catalog. Questions concerning residence status of applicants for admission, especially those complicated by unusual 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 the Office of Housing and Residence Life.

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 and

whose housing applications are on file by May 1. 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 random number system and, in some cases, seniority.

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 first semester residence hall charges.

Of the \$100, \$50 is *not refundable* except under unusual circumstances determined by the Assistant Director for Occupancy Management. 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 *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 the Office of Housing and Residence Life. Requests for release from the residence hall agreement must be made in writing to the Assistant Director for Occupancy Management. Partial rebates are provided 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 1993-94 *Official Student Handbook*.

PROPOSED HOUSING RATES 1993-94

Residence Hall	Academic Year	Per Semester
Traditional		
Multiple.....	\$2,190	\$1,095
Single.....	\$2,620	\$1,310
Special Single.....	\$2,370	\$1,185
Pencader		
Multiple.....	\$2,320	\$1,160
Single.....	\$2,820	\$1,410
Ray Street		
Multiple.....	\$2,470	\$1,235
Christiana		
1/4 2-bdrm. apt.	\$2,510	\$1,255
1/2 1-bdrm. apt.	\$3,210	\$1,605
College Towne		
2-bdrm. apt.	\$680/month	
1-bdrm. apt.	\$610/month	
Lovett Street		
Single.....	\$340/month	
Conover		
2-bdrm. apt. ..	\$630/month	unfurnished\$610/month
1-bdrm. apt. ..	\$560/month	unfurnished\$540/month

Single or multiple occupancy of residence hall rooms will be determined as of the end of the second week of classes. At any time the occupancy of a room or apartments falls below 100 percent and the Office of Housing and Residence Life 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, the Office of Housing and Residence Life 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, the Office of Housing and Residence Life will assign a new student to that space at any time.

NOTE: If demand permits, the Office of Housing and Residence Life 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 belongings 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.

MEAL PLANS AND FEES

Sixteen dining options are available for students living on campus, in addition to multiple commuter and Christiana plans. All students residing on campus are required to purchase a meal plan. If no choice is selected by the student, 12 meals + 16,000 points will automatically be assigned and billed.

Points are units of purchasing power used like cash (1,000 points have a value of \$10). They may be spent in dining halls to purchase a meal for a guest, in campus convenience markets, and in many snack and restaurant locations across campus. Additional points may be added to any plan at any time by visiting the Student Services Building on Lovett Avenue. Leftover points from fall semester may be carried into the spring semester or winter session **ONLY** if a dining plan is purchased for that semester/session. Unused points at the end of the spring semester are nonrefundable.

Dining plans are valid for one semester only. The choice of a meal plan may be changed once between the start of the semester until the *published drop/add deadline* for classes. Before coming to campus, students may submit a change on the "Choose or Change" form enclosed in the estimated semester bill received in July and returned in August. A registered dietitian on staff can arrange special meals and is available for free personal counseling.

There are four all-you-can-eat dining halls across campus: Russell is located on East Campus, Rodney on West Campus, Kent on Central and Pencader on Laird/North Campus. As an accommodation, two additional cash/points locations serve a special meal equivalency menu. They are Center Court, which is located in the Perkins Student Center and the Abbey, a former church, in Daugherty Hall, at the intersection of Main Street and South College Avenue.

The University ID card is the "ticket" into dining halls, campus convenience markets and many snack and restaurant locations across campus. Upon entering a dining hall, the checker will slide the ID through the micro-computer, which automatically deducts that meal from the student's weekly allowance. **ID cards are not transferable. They can only be used by the person to whom the card was issued and must be presented for any Dining Services transaction. Lost ID's should be reported immediately to the ID counter in the Student Services Building on Lovett Avenue, or, after business hours, to the University Police.**

MEAL FEES 1993-94

Plan	Value per Semester	Cost/Semester
1	Any 19 meals/week plus 2,000 points.....	\$ 920
2	Any 18 meals/week plus 4,000 points.....	920
3	Any 17 meals/week plus 6,000 points.....	920
4	Any 16 meals/week plus 8,000 points.....	920
5	Any 15 meals/week plus 10,000 points.....	920
6	Any 14 meals/week plus 12,000 points.....	920

7	Any 13 meals/week plus 14,000 points.....	920
8	Any 12 meals/week plus 16,000 points.....	920
9	Any 11 meals/week plus 18,000 points.....	920
10	Any 10 meals/week plus 20,000 points.....	920
11	Any 9 meals/week plus 22,000 points.....	920
12	Any 8 meals/week plus 24,000 points.....	920
13	Any 7 meals/week plus 26,000 points.....	920
14	Any 6 meals/week plus 28,000 points.....	920
15	Any 5 meals/week plus 30,000 points.....	920
16	All Point (92,000 points)	920

Commuter & Christiana Plans

a.	Any 3 meals/week plus 26,000 points	595
b.	All points (\$150 minimum buy-in)	150

REBATES 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 the Office of Housing and Residence Life. 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 rebate) 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 *Student Housing Agreement* must be in writing to the Assistant Director for Occupancy Management. Partial rebates are provided if the student is released from the agreement.

Room rebates 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 courses dropped or added 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 each time 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 \$141* per credit hour. Undergraduate nonresidents who enroll for less than twelve credits pay \$378* per credit hour. Courses being taken as auditor are included in the credit hour total.

Comprehensive Student Fee. A mandatory fee of \$35* is assessed all full-time undergraduate students each semester.

Student Center Fee. A mandatory fee of \$25* charged to all full-time matriculated students each semester to cover renovations to the student center.

New Student Orientation Fee. Newly matriculated undergraduate students (including transfers) are required to pay a \$35* 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 \$106* 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

*Fee approved for the 1992-93 academic year. Subject to change for the 1993-94 academic year.

insurance coverage. Details of the coverage are mailed directly to the student by the insurance company in July.

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 \$20* 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.

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. The percentages refer to the net amount of the bill remaining after any credit for scholarships, deposits, etc.

Fall Semester	Spring Semester
August 125%	By the date specified25%
September 2025%	February 2025%
October 2025%	March 2025%
November 2025%	April 2025%

*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. Subsequent registration would then be refused and transcripts, diplomas, and other information concerning attendance at the University would be withheld. Reinstatement requires payment of the amount due and compliance with the usual readmission procedures.

*Fee approved for the 1992-93 academic year. Subject to change for the 1993-94 academic year

- 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 in time so they will be received by the Cashier by the date specified will be charged a \$30* 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 \$35* 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 \$20* installment penalty for each such installment.

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 freshmen students are required to live in University housing, in their own homes, or with a close relative unless unusual circumstances dictate otherwise.

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 new residence halls

located on *Ray Street* offer suite-style housing with two double rooms sharing an adjoining bath. The *Ray Street* complex accommodates students in sixteen 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 and some upperclass undergraduate students. The *Conover* apartment complex, two two-story buildings, houses single graduate students and offers unfurnished accommodations for married students and families.

Local telephone service is 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 lounging, 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, lamps, 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 doing room changes 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 semesters. 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, the

*Fee approved for the 1992-93 academic year. Subject to change for the 1993-94 academic year.

Office of Housing and Residence Life, 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 traditional, Pencader, Christiana, or Ray Street halls.

Single freshman students are *required* to live in the University residence halls, in their own homes, or with close relatives unless unusual circumstances, as determined by the Office of Housing and Residence Life, dictate otherwise. Requests for exceptions should be addressed to the Assistant Director for Occupancy Management, Office of Housing and Residence Life. Appeals may be made to the University Faculty Senate Committee on Student Life. 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 the Office of Housing and Residence Life, 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*. When the apartments are not in high demand they are sometimes made available to other members of the University community. Applications may be obtained from the Office of Housing and Residence Life 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 Residence Life, 5 Courtney Street.

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. 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. 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.

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 your enrollment terminates through official withdrawal and you are a recipient of Federal and/or State financial aid funds, your financial aid award must be reviewed. Federal financial aid funds include Federal College Work Study Program, Federal Perkins Loan, Nursing Student Loan, Federal Supplementary Educational Opportunity Grant, Federal Pell Grant, Federal Stafford Loan and the Federal Parent/Supplemental Loan Programs. State financial aid funds are General Fund Scholarship and Delaware Right to Education.

Your financial aid eligibility is based upon your 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 your completion of that semester. When you officially withdraw, your 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 your 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.

The federal pro-rata refund policy became effective July 23, 1992. Final federal regulations should be released by the spring of 1993. For further information and refund policy statements, contact the Office of Scholarships and Financial Aid at (302) 831-8761.

Financial Aid Procedures for Failure to Withdraw Officially. If your enrollment terminates before the end of a semester and you fail to adhere to the official withdrawal policy of the University, then you are ineligible for any federal and/or state financial aid program funds previously awarded to you 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. You 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 Government Title IV assistance programs (Federal Pell Grants, Federal Perkins Loans, Federal Supplementary Educational Opportunity Grants, Federal College Work-Study Programs, Federal Stafford Loans and *Federal Plus/SLS* Loans) require students to maintain progress toward a degree. This satisfactory academic progress is considered for full-time matriculated students to be:

- a. completion of a degree within five years of matriculation (six years for the combined Engineering/Arts and Science degree program).
- b. successful completion of at least 24 credit hours each academic year.

In cases where financial aid is available to part-time matriculated students, the minimum academic eligibility requirements are prorated over an amount of time equivalent to the rate at which students register for credit. For example, a student registering for 50 percent of a full-time minimum load would have twice as long to complete the eligibility requirements.

Students who fail to make satisfactory academic 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 speak with the Financial Aid Officer who has determined the student's need; to be informed of all aspects of the Financial Aid package awarded, including 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, 33, 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
- Student Classification
- Course Load
- Transfer of Credit
- Pass/Fail Grade Option
- Course Exemption, Waiver, or Substitution
- Credit by Examination
- Changes in Registration
- Attendance Regulations
- Academic Honesty
- Proficiency in Written Communication
- Minors
- Double Degrees
- Change of Major, Curriculum, or College
- Grading System
- Reports of Grades
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- Withdrawal from the University
- Requirements for Graduation
- 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.

STUDENT CLASSIFICATION

A student's classification (college and class year) is assigned at the time of admission. Normally, 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.

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 deter-

mining 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 (Listener) 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 Listener or Pass/Fail. (See also International Programs and Special Sessions in the Other Divisions section.)

TRANSFER OF CREDIT

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 from 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.

PASS/FAIL GRADE OPTION

Undergraduate students may elect to take one course on a pass/fail basis each semester. This 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.

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.

COURSE EXEMPTION, WAIVER, OR SUBSTITUTION

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 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 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 can substitute one course for another with no reduction in the total number of credits required for the degree.

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, independent study, or some similar learning experience, but not by previous enrollment in a course. General inquiries concerning credit by examination should be directed to the department offering the course for which the student seeks credit. A credit-by-examination form, available at the Service Desk, Student Services Building, must be completed. (See also Advanced Placement and Standing in the Undergraduate Admissions section.)

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 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 instructors' or departments' 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 instructors' approval and the approval of the dean of student's college. Other changes in registration may continue to be made until 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 deadline (eight weeks for first semester freshmen) must be approved by the dean. Only in extenuating circumstances will approval be granted. Students will be permitted to withdraw from courses after the deadline at the discretion of the dean 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. 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.

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 Listeners are subject to the same attendance regulations as those registered for credit. Those Listeners 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 each student understand what attendance expectations are.

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 illness requiring medical attention and serious illness or death within a student's family shall also be recognized as excused absences. The student shall see that the instructor is notified as soon as possible. The instructor may require the student to present evidence, such as a note from a doctor, to substantiate his or her excuse.
- d. 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.

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 corrective 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, either to complement a major or to foster personal growth, minors provide programs of study less intensive and comprehensive than a major but with greater coherence than a group of courses selected at random. The general guidelines stipulate a minimum of 15 credits of course work and other requirements, including advisement procedures for all departments offering minors. 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. (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
D	Poor	1.00	quality points per credit
D-		0.67	quality points per credit
F	Failure	0.00	quality points per credit
X	Failure, Academic Dishonesty	0	quality points per credit
Z	Failure, Unofficial Withdrawal	0	quality points per credit
L	Listener—Registration without credit or grade. Class attendance is required, but class participation is not.		
LW	Listener Withdrawn—A listener who does not attend sufficient class meetings to be eligible, in the judgment of the instructor, for the grade of L will receive the grade LW.		
P	Passing—For specifically authorized courses. P grades are not calculated in indexes. (For further explanation, see Pass/Fail grade option section.)		
W	Official Withdrawal—Passing at time of withdrawal.		
WF	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 F for the course unless the dean of their college approves their withdrawal "without penalty," in which case the student receives a grade of WF.		

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, each instructor who gives an *I* grade will be required to report to the department chair, the instructor's dean, the student's dean, and the Registrar's Office (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 instructor may give the student a final grade of *F* or may have the option of giving the student a passing grade based on the work that was completed for the course. 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.

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.

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.

DEAN'S LIST

Outstanding academic performance is recognized at the end of the Fall and Spring semesters, when the Dean's List is compiled. Students who have earned a minimum 3.5 cumulative GPA are honored with Dean's List recognition.

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: A student with a cumulative index below 2.0 may determine the quality-point deficit 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 proba-

tion 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 6 or less; however, 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.)

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 6 points or less. 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 6 points or less, 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" prerequisite 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.

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 are 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 a 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 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) 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.

Undergraduate students who interrupt their attendance should notify the Dean of Students office in writing or by personal visit. Undergraduate students who decide to withdraw after the academic penalty deadline (the sixth week of a semester for upperclass students or the eighth week for first semester freshmen) 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 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 Hullihen 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).
- 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 sensi-

tivity 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 major, breadth, or elective requirements.

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 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 428	Prehistory of Eastern North America
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

Arts and Science

ARSC 127	Shaping of the Modern World
ARSC 294	Honors Short Course: Multicultural
ARSC 296	Honors Forum: Multicultural
ARSC 392	Honors Colloquium: Multicultural

Black American Studies

BAMS 110	Introduction to Black American Studies
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 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 320	History of Afro-American Art (cross-listed with ARTH 321)
BAMS 324	Afro-American Music

- BAMS 330 Rhetoric of Black America
 BAMS 433 Economic Development and Black America
 BAMS 434 Politics and Black America
 BAMS 440 Themes in Black American Studies

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 Introduction to Medical Anthropology

Economics

- ECON 381 Economics of Human Resources

Educational Development

- EDDV 612 Ethnic Studies and Multicultural Education

Educational Studies

- EDST 147 Historical Foundations of Education
 EDST 290 History of Women and Education
 (cross-listed with HIST 290 and WOMS 290)
 EDST 476 Bilingualism and Language (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 AMST 314 and CMLT 314)
 ENGL 344 Black American Literature I
 (cross-listed with AMST 344 and BAMS 313)
 ENGL 345 Black American Literature II
 (cross-listed with AMST 345)
 ENGL 380 Women Writers (cross-listed with WOMS 380)
 ENGL 381 Women in Literature (cross-listed with WOMS 381)
 ENGL 382 Studies in Multicultural Literature in English
 (cross-listed with WOMS 382)

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

History

- HIST 103 World History to 1648
 HIST 104 World History: 1648 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 270 History of Modern Asia
 HIST 300 Women in American History
 (cross-listed with WOMS 300)
 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 390 History of Modern Southeast Asia
 HIST 391 History of Modern China
 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 479 Studies in Asian History
 HIST 630 Twentieth-Century Latin American Revolutions

Individual and Family Studies

- IFST 202 Foundations of Family Studies
 IFST 346 Delivery of Human Services

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)

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

Physical Education

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

Philosophy

- PHIL 204 World Religions
 PHIL 208 Introduction to Jewish Philosophy
 PHIL 216 Introduction to Feminist Theory
 (cross-listed with WOMS 216)
 PHIL 309 Indian Religion and Philosophy
 PHIL 310 Chinese Religion and Philosophy
 PHIL 338 Topics in Philosophy and Gender
 (cross-listed with WOMS 338)

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 Political Systems
 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 307 Sociology of Sex and Gender
(cross-listed with WOMS 307)

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 207 Contemporary Latin America I

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

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 240 Women and Violence

WOMS 291 Women's History through Film (cross-listed with HIST 291)

WOMS 335 Women and Mental Health

WOMS 363 Women in Cross-Cultural Perspective
(cross-listed with ANTH 363)

WOMS 470 Seminar

WOMS 498 Internship in Women's Studies

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.

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 Marshal in their final semester. The University also confers degrees following the second summer session.



STUDENT SUPPORT PROGRAMS

- Academic Services Center
- ACCESS Centers
- English Language Institute
- Foreign Student and Scholar Services
- Math Center
- Writing Center
- Center for Counseling and Student Development
- Career Planning and Placement Office
- Affirmative Action and Multicultural Programs
- Campus Diversity Unit
- Crisis Intervention Team
- College Level Support Programs
- Women's Affairs

ACADEMIC SERVICES CENTER (ASC)

The Academic Services Center, formerly the Academic Advancement and the Academic Studies Assistance Program offices, offers activities that provide undergraduate students with extensive academic assistance through *individual tutoring, group study sessions, mentoring, academic success 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 Academic Services Center. In addition to the services mentioned above, the Academic Services Center (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 agencies each semester.

Learning Disabilities Services: The Academic Studies Assistance component of the center offers procedures for identifying and assisting University students who may be at academic risk as a result of learning disabilities, including students who have suffered head injuries. Educational testing is available for students who are concerned that they might have a learning disability. The Academic Studies Assistance Program reviews testing for individuals who are seeking special help for learning disabilities.

Services include diagnostic tutoring, educational consultation, and proctoring of exams under untimed conditions. Staff will contact faculty members on a student's behalf and will help the student work out a realistic program for achievement.

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 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, physically handicapped, 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**, 231 South College Ave., Newark, DE 19716, (302) 831-2805.

ACCESS CENTERS

The Adult Centers for Continuing Education Student Services (ACCESS) provide career counseling, 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 evening appointments are available during the week and may be arranged by calling (302) 831-2741.

Professional counselors provide career counseling services to assist clients in identifying and clarifying goals. Career interest assessments include printed and computer-assisted tools, and a reference library contains career information. Catalogs and curriculum guides, as well as materials to improve learning skills, provide information for educational planning. Administrative help is available for those planning to register for continuing education 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 English for Academic Purposes courses. 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, a special topics conversation class, and access to the University's 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 and English Language Institute students, 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.

MATHEMATICAL SCIENCES TEACHING AND LEARNING CENTER

The Math Center is designed to improve mathematical learning in the lower level Math courses at the University. The Center provides 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 worksheets on difficult topics. Twenty IBM computer stations are available on which various mathematical programs such as function plotters may be used.

The Center also develops programs to enhance both pre-service and in-service teacher training in mathematical sciences and conducts research in the teaching and learning of mathematics. As part of its mission to both the University and the state of Delaware, the Center cooperates closely with the Department of Mathematical Sciences, the College of Education, and school teachers and educational officials throughout the state.

The Center's classroom is located in 028 Purnell 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 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 PLANNING AND PLACEMENT OFFICE

The Career Planning and Placement 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. Other full-time, part-time, and summer experiences lasting a semester, a summer, or 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. Counseling interviews with professional staff members are available to students to discuss career-related concerns.

In addition, a special workshop series has been developed on 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 Notebook are available to students during the final year of their academic program. The Campus Interview Program includes over 500 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 Planning and Placement 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

The Office of Affirmative Action and Multicultural Programs was established to assist in the development of educational opportunities at the University for minority persons (black Americans, Hispanics, native Americans). Under the leadership of the Assistant Vice President for Affirmative Action and Multicultural Programs, it seeks to foster a greater awareness and understanding of racial issues that will promote an improved environment for all students, faculty, and staff. As part of its charge, the Office supports the following efforts: Black Freshman and Transfer Student Orientation, the Minority Scholars Program, Travel Fund for Black Undergraduate and Graduate Students, the Black Student of Promise Reception, and the NCAA National Youth Sports Program. In addition, the Office monitors the retention status of black students and serves as an advocate for multicultural concerns.

CAMPUS DIVERSITY UNIT

The Campus Diversity Unit serves as an advocate for diverse populations, drawing upon the talent and expertise of faculty and staff. Issues pertaining to race, ethnicity, gender, class, sexual orientation, disability and religion are among the unit's specific concerns, as it offers support services, makes referrals as appropriate, coordinates multicultural programming and provides advice and counsel to senior management on emergent diversity issues. The office is located at 344 Hullahen Hall. For further information, call 831-8703.

CRISIS INTERVENTION TEAM

The Crisis Intervention Team (C.I.T.) serves to diagnose and recommend treatment in managing acts on campus of intolerance due to race, religion, sexual orientation, physical limitation or national origin. The C.I.T. works closely with the University administration to help implement strategies to resolve potential incidents and to mitigate incidents after they have occurred. The office is located in 124 Hullahen Hall. For further information, call 831-8735.

COLLEGE LEVEL SUPPORT PROGRAMS

Support programs have been established within several of the colleges to assist students majoring in disciplines where native-born 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 intense academic support through biweekly meetings with their academic adviser. Additionally, academic tutors, study skills classes and study groups are available to ensure students' 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.

Chemistry/Biochemistry Minority Program provides support services for undergraduate minority students in the Department of Chemistry and Biochemistry. Services include counseling and advisement throughout the undergraduate career, tutorial assistance, and a Summer Institute for freshmen to orient students during the summer prior to the freshman year. For further information, call (302) 831-2739.

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.

RISE (Resources to Insure Successful Engineers), housed within the College of Engineering, carries the mission to recruit and assist academically prepared minority 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. A new component of the RISE Program is the UD-GTE FOCUS Undergraduate Research

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 academically, identify long-term goals, and participate equally and fully in society. Support and confidential advice for women with problems and possible grievances, including sexual harassment, are available.



SPECIAL PROGRAMS

- Honors Program
- Parallel Program
- Study Abroad Programs
- Academy of Lifelong Learning
- Pre-college Programs
 - College Enrollment for Advanced Pre-college Students
 - Forum to Advance Minorities in Engineering
 - Governor's School for Excellence
 - Summer College

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 a course in the Honors Forum series and at least one 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.* One of these courses is taken in the freshman year. 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 Session 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 Colloquium and Forum courses), 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.

Undergraduate Research Program. 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 being 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.

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 generic 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, which can be done during the sophomore year and must be done 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 the University Committee on Student and Faculty Honors.

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 Dickinson 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 Dickinson Fellows—former freshmen in Honors who live in Dickinson Hall, 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 computers.

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.

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.

Parallel classes tend to be smaller. 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 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.

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. Some also offer an opportunity to become fluent in a second language.

Overseas Studies in the Office of International Programs and Special Sessions administers numerous semester programs, including Semester in Madrid, London, Vienna, Costa Rica, Paris, and Scotland. Each is directed by a full-time University faculty member. 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. 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 five-week Winter Session, 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 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.

Three 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), and Granada (Spain).

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); Lappeenranta University of Technology, Finland; 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.

ACADEMY OF LIFELONG LEARNING

The Academy of Lifelong Learning, sponsored by the Division of Continuing Education, provides more than 100 college-level, noncredit 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 Sussex County.

PRE-COLLEGE PROGRAMS

The College Enrollment Program for Advanced Pre-college Students enables academically advanced and highly motivated students to pursue college-level course work on a part-time basis before graduating from high school. During fall and spring semesters, students may enroll in early morning, late afternoon, or evening classes at the University. Students may also choose to take summer classes. Concurrent enrollment permits students to supplement high school work with more advanced material, pursue interests, or build on special talents. The credits they earn 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/University of Delaware (FAME/UNITE/UD) is a pre-college program designed to increase the effective participation of underrepresented minority (African American, Hispanic, American Indian) 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 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 one-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 week 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) 831-8836.

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 Honors Program at (302) 831-1195.

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 research 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 location for **Pre-College Programs**, 314 Willard Hall, Newark, DE 19716, (302) 831-6373 or 831-4102.



GRADUATE STUDIES AND RESEARCH

- Graduate Colleges
- Research Centers

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 68 different programs in the University's academic departments. Interdepartmental majors in operations research, biomedical engineering, public horticulture administration, conservation of historic and artistic objects, early American culture, and neuroscience are also offered. Programs leading to the degree of Doctor of Philosophy are available in 37 areas of study and the degree of Doctor of Education is offered in educational leadership.

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.

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. About two-thirds of the funding for sponsored research and public service programs comes from federal grants, contracts, and appropriations. The balance comes from 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 and to established researchers investigating new and promising ideas.

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). Inquiries concerning a specific area of study should be addressed to the chair of the department or area concerned.

GRADUATE COLLEGES

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 approach 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.

Society's increasing demands on the sea and the growing awareness of man's impact on that environment have combined to place marine studies at the forefront of scientific and social research. The College of Marine Studies conducts research on all aspects of man's interaction with the sea, from conflict-resolution studies of multiple use situations in estuaries to studies of natural science principles at work in the marine environment to engineering changes that benefit man and the environment.

The College is a professional graduate school committed to the development of skilled academic and professional leaders. The positions held by graduates in the academic community, in government, and in industry attest to the quality of education offered by the College. For further information, call the Office of the Dean at (302) 645-4212.

College of Urban Affairs and Public Policy. The 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 program is multidisciplinary and seeks to prepare students for a broad range of career opportunities in the public and private sectors. The M.A. and the Ph.D. programs stress the skills necessary for application of social science perspectives to public policy problems. 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 to reflect their particular interests as well as to complete a core program of study. 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, but thesis and research practicum options are available. 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 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.

In addition to its graduate program, the College has an active program of research and public service. Areas of research that have received attention in the past several years include planning and governance, technology and society, social policy analysis and evaluation, local economic development, energy and environmental policy, historic preservation, neighborhood analysis, educational policy, governmental and nonprofit organization, health policy, urban service delivery, and housing policy. Through the Center for Energy and Urban Policy Research the College has developed relationships in these and other fields with universities in Britain, Korea, Nigeria, China and Finland.

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 Urban Policy Research** 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 **Urban Agent Division** offers research and other technical skills to community groups and agencies in the Wilmington region. 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.

RESEARCH CENTERS

The University has a number of specialized research units that provide students the opportunity to conduct research in conjunction with faculty, professional staff, and industrial personnel. Brief descriptions of a sampling of the University's research centers are given below.

Center for Applied Science and Engineering in Rehabilitation. Founded in 1988, and located at the Alfred I. duPont Institute, a nationally recognized pediatric hospital in Wilmington, Delaware, the Center conducts research in augmentative and alternative communication and rehabilitation robotics. This University Center and the Department of Applied Science and Engineering at the Alfred I. duPont Institute are administered by their respective institutions, but share a common staff and excellent

research laboratories. A vast array of clinical services enhances the research environment for the more than 60 faculty members, medical personnel, research staff, graduate and undergraduate students, research fellows and administrative staff involved in the program. Graduate and undergraduate students from the University Departments of Computer and Information Science, Electrical Engineering, Mechanical Engineering and Linguistics participate in interdisciplinary research. Current projects are in the areas of natural language processing, speech synthesis, speech processing, sign language, systems development and evaluation, rehabilitation robotics, telemanipulation, virtual reality, upper extremity biomechanics and vestibular stimulation. For further information, call 651-6830.

Center for Composite Materials. Established in 1974 within the College of Engineering, the Center for Composite Materials (CCM) is internationally recognized as a top academic research center in composite materials. Sponsors include an industrial consortium, the Army Research Office, and other government agencies. The Center currently involves approximately 27 undergraduates who work with graduate students and faculty in research teams. The interdisciplinary center calls on the resources of the Departments of Chemical, Mechanical, Electrical, and Civil Engineering, the Department of Physics and Astronomy, the College of Business and Economics, and the Materials Science Program.

Composite materials combine reinforcing materials with polymer, metal, or ceramic matrices to provide superior performance beyond that attainable with the individual constituents. The major challenge facing the academic sector in the composites field today is educating enough high-quality engineers and scientists to insure and sustain the technological edge vital to the global economy.

Since 1980, CCM has offered an undergraduate research program that recruits students both directly by the Center and through the Honors Science and Engineering Scholars Program. A variety of mechanisms, including scholarships, fellowships, employment opportunities, and academic credit, are used to sponsor students' participation in research programs under the advisement of Center faculty and professional staff. The Center provides industrial sponsors with student resumes and encourages its undergraduates to gain relevant industrial experience during the summer between their junior and senior years. Senior Research Fellowships, offered by the Center on a competitive basis, require six credits of senior research, a research report, and an oral defense to a committee of faculty members. CCM students are also eligible to be selected for various awards, which are given annually to undergraduates for the quality of their research projects.

Center for Catalytic Science and Technology. Since 1978, the Center for Catalytic Science and Technology has provided a comprehensive program of education and funda-

mental research in catalysis and chemical reaction engineering. Catalysis research is essential to the creation of new technology to meet the challenges of energy supply, economical manufacturing of high quality chemical and polymeric materials, and environmental protection. Center personnel number about 100 individuals including faculty from the Departments of Chemical Engineering and Chemistry and Biochemistry, adjunct faculty from industry, visiting scientists, professional staff, postdoctoral fellows, and graduate and undergraduate students. The Center has the best-equipped catalysis laboratory in the U.S. It is supported by industrial sponsors and the federal and state government.

Center for Molecular and Engineering Thermodynamics. Established in the spring of 1992 as a research unit within the Department of Chemical Engineering, the Center for Molecular and Engineering Thermodynamics (CMET) serves as a focal point and stimulus for collaborative research, advancing experimental and theoretical research, encouraging the development of new educational materials, textbooks, monographs and both regular and short courses in all areas of thermodynamics, and maintaining state-of-the-art thermodynamics laboratories. Thermodynamics, which lies at the core of traditional chemical engineering practice, is also related to the purification of pharmaceuticals, bacteria and other biologic materials, to a wide range of environmental problems and to new separations technologies. Research at the Center is conducted by the faculty, their undergraduate and graduate students, postdoctoral fellows, visiting scientists and research professionals. Students are deeply involved in the Center research, which is being carried out with the support of industrial and governmental grants and contracts. For more information, call 831-4500.

Delaware Geological Survey. The Delaware Geological Survey (DGS) was established by an Act of the General Assembly in 1951 and is organized as a unit of the University. This arrangement reflects both the research orientation of the Survey and its dedication to the application of geologic information throughout the state. The Survey is charged with the systematic investigation of the geology, mineral, and water resources of Delaware and with the advisement of state and local agencies, municipalities, industries, and individuals concerning these matters. In fulfillment of this charge, it conducts a program of geologic research, exploration, and service. The Survey's staff, under the direction of the State Geologist, is appointed by the University.

Survey programs are coordinated with related state and federal agencies. The Delaware Geological Survey serves as the state's cooperator with such federal units as the U.S. Geological Survey, U.S. Bureau of Mines, U.S. Minerals Management Service, and the Delaware River Master. Liaison and counsel are provided to other appropriate governmental and technical units through various appointments held by the State Geologist and other

members of the scientific staff. Students may benefit from association with Survey geologists and their research projects. In addition, some of the geologists participate in teaching programs.

The research results of the Delaware Geological Survey are published as Bulletins, Reports of Investigations, Geologic and Hydrologic Maps, Atlas and Miscellaneous Map Series, Special Publications, Open File Reports, and journal articles. Well records, Sample Library, and other data collections are additional resources available to the scientific community and the general public at the Delaware Geological Survey Building. For further information, contact the Survey or the DGS Earth Science Information Center at (302) 831-2833.

Institute of Energy Conversion. The Institute of Energy Conversion (IEC), established in 1973, is a laboratory devoted to research and development of thin-film photovoltaic cells. Fundamental material and device research is carried out in parallel with process engineering studies and analysis of film deposition processes.

The Institute has a staff of some 25 professional and support personnel. This number is augmented each year by programs providing partial support for faculty, visiting scientists, and graduate and undergraduate students. Professionals from the Institute lecture in undergraduate courses as well as help supervise graduate and undergraduate students in research.

Bartol Research Institute. The Bartol Research Institute, a nonprofit research organization, moved to the University of Delaware in 1977 and established a joint graduate program with the Department of Physics. The Institute conducts research and provides instruction in graduate courses on cosmic rays, the interplanetary medium, planetary magnetic fields, high energy particle physics, astrophysics, cosmology, condensed matter physics, solar and stellar physics, and nuclear physics. There are currently (1993) 16 faculty and 17 Ph.D. research associates and post doctoral fellows at BRI. The Institute receives support from the endowment established by Mr. Henry Bartol, from the University of Delaware, and from grants and contracts from the U.S. Department of Energy, the National Science Foundation, the National Aeronautics and Space Administration, and the Jet Propulsion Laboratory. The BRI is the lead institute in the Delaware Space Grant College Program of the NASA. Dr. Norman Ness, President of the Institute and a member of the National Academy of Sciences, is the prin-

cipal investigator on the NASA SGC. He is also the principal investigator of a magnetic field experiment on the twin Voyager spacecraft, which successfully completed its twelve-year tour of the four largest planets in our solar system, Jupiter, Saturn, Uranus and Neptune, and is now outbound from the solar system toward interstellar space. Bartol operates experimental facilities in Antarctica at McMurdo and the South Pole in cosmic rays, helioseismology, air showers investigating very high energy elementary particle interactions, and infra-red astronomy. Also, balloon borne high altitude studies of primary cosmic radiation are conducted from northern Canada. The research budget in 1992 was over \$3.5 million.

Other Research Centers that are housed in colleges and departments throughout the University include:

- Bureau of Economic Research
- Center for Applied Coastal Research
- Center for Applied Demography and Survey Research
- Center for Archaeological Research
- Center for Climatic Research
- Center for Colloidal Science
- Center for Counseling and Student Development
- Center for Drug and Alcohol Studies
- Center for Economic Education
- Center for Energy and Urban Policy Research
- Center for Historic Architecture and Engineering
- Center for the Mathematics of Waves
- Center for Remote Sensing
- Center for Science and Culture
- Center for the Study of Marine Policy
- Delaware Public Administration Institute
- Delaware Transportation Center
- Disaster Research Center
- Education-Related Centers
- Financial Institution Research and Education Center (FIRE)
- Orthopedic and Biomechanical Engineering Center (OBEC)
- Water Resources Center



OTHER DIVISIONS

- Continuing Education
- International Programs and Special Sessions
- Library
- User Services
- University Media Services
- Computing Sites

CONTINUING EDUCATION

The mission of the Division of Continuing Education is to extend the University's academic resources to citizens throughout the State of Delaware. This is accomplished through credit courses, certificate programs, non-degree 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 professional persons in the community. Continuing Education students include business executives, educators, health care professionals, engineers, artists, lawyers, homemakers, managers, farmers, military and public agency personnel, bankers, retired professionals, employed persons who are earning degrees through part-time study, as well as those without specific professional or degree objectives who are seeking intellectual stimulation through organized or informal study.

In addition, the Division of Continuing Education provides program development and conference management support to area businesses, government agencies, and professional associations to help meet their educational and training needs. Modern conference facilities for these activities are available for public use. They include John M. Clayton Hall on the Newark campus, the Goodstay/Wilcastle Centers and Arshat Hall on the Wilmington campus, and the Virden Residential Conference Center in Lewes.

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

INTERNATIONAL PROGRAMS AND SPECIAL SESSIONS

Throughout the year, the Office of International Programs and Special Sessions offers academic opportunities for students of every college and major. There are fall, winter, and spring study abroad programs (see Special Programs section). This office also coordinates the Winter and Summer Sessions on campus. Winter Session is a five-week term between the fall and spring semesters. Winter courses meet January 3 through February 5. Roughly half of all undergraduates attend Winter Session every year. The first Summer Session begins June 6 and includes classes that meet for five weeks as well as some that meet for 7 1/2 weeks. The second five-week Summer Session runs July 11 through August 12.

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 13. Summer Session booklets will be available in April with registration beginning May 11. For further information, call (302) 831-2852.

LIBRARY

The University Library includes the Hugh M. Morris Library, where the main collections are housed, three branch libraries located 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 for the University of Delaware, the surrounding community, the State and the nation. The Library provides a wide range of services including computerized literature searches, reference assistance, interlibrary loan, instructional programs and assistance to the visually impaired.

The Library contains over 2,000,000 volumes with an additional 390,000 government publications, over 2,300,000 microforms, and over 120,000 maps. Subscriptions are held to over 21,000 journals. 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 James C. Booth, Paul Bowles, Emily Coleman, Alice Dunbar-Nelson, Donald Justice, George S. Messersmith, Ishmael Reed, Louis Untermeyer, Christopher Ward, Tennessee Williams, and William Butler Yeats; and archives including *American Poetry*, Bird and Bull Press, Lloyd Goodrich-Albert Pinkham Ryder, *Pagany: A Native Quarterly*, and Proscenium Press. The Library is a U.S. Government depository for publications of the U.S. Government depository for all patents issued by the U.S. Office of Patents and Trademarks.

A major expansion and renovation of the Morris Library, originally opened in 1963, was completed in fall 1986. The new building provides seating for approximately 3,000, special purpose space for computer-based systems, direct access to various computer facilities for Library users, a spacious periodical reading room, a handsome Special Collections area including an exhibition gallery and reading room with a controlled environmental system for rare materials, a microcomputing center, special equipment and areas to assist the visually impaired, and a media area and viewing room.

An online catalog called DELCAT was implemented in 1986. DELCAT also includes online circulation and "on order" information. Access to DELCAT is available through public terminals and printers located in each library and throughout the campus. Off campus access to DELCAT, which requires a terminal, modem and telephone line, is available at no charge to an individual. Telephone access is toll free throughout the State of Delaware.

DELPLUS provides access to references in journals contained in four databases in the fields of business, engineering and technology, education and the arts and humanities. It is available in the Morris Library via the campus network at no charge to the user. In addition, over sixty titles are also available on compact disc (CD ROM) for searching by users at no charge. Examples of these compact disc databases are *Agricola*, *MEDLINE*, *MLA Bibliography* and *Psychological Abstracts*. The Library provides access to libraries' catalogs of the world via U-Discover! terminals on the first floor of the Morris Library. Other computerized information services that are fee based provide users with online computer access to more than 900 databases in the sciences, social studies and humanities.

The Library is a member of the Association of Research Libraries and the Center for Research Libraries. It belongs to PALINET, through which it is linked to the Online Computer Library Center (OCLC). For further information, call (302) 831-2965. For Library hours, call (302) 831-BOOK.

USER SERVICES

User Services, a component of Computing and Network Services (CNS), provides consulting, training, and documentation for students, faculty, and staff using computing hardware and software for research and instruction. The centrally supported computing systems and services include microcomputer laboratories for instruction and general purpose use, UNIX multi-workstation and time-sharing facilities typically used for scientific instruction and research, and an IBM vector processing time-sharing service offering a wide range of instructional and research applications.

Time-sharing facilities operate 24 hours a day, seven days a week. They are accessible from many campus loca-

tions via the University's high-speed data network and may also be accessed from residence halls and off campus through lower speed telephone and data services. Remote facilities such as the National Science Foundation Supercomputer Centers are reached via the national network serving research and education.

The University's computer systems provide a full range of scientific and business programming languages, and extensive software libraries offer a large selection of applications in communications, data bases, spreadsheets, graphics, mathematics, numerical analysis, statistics, modelling, text processing, and computer-based instruction.

Students with a valid University I.D. may use any public microcomputer on campus; students whose course work requires the use of central computing systems are assigned special access accounts by instructors. In addition, all students are eligible for a free "electronic mailbox" for sending and receiving electronic mail. Each semester, students receive a computing site map showing the location, hours of operation, and equipment available in each microcomputer and terminal site. If students have their own terminal or microcomputer, a telephone, and a modem, they may dial the University's central computing systems and the Library systems, DELCAT and DELCAT Plus, directly.

The focal point of CNS's consulting services is the Consulting Center in 002 Smith Hall. The Center assists students with the operation of University-supported hardware and software. Support for discipline-specific soft-

ware is also offered at other sites on campus. The Microcomputing Resource Center (MRC), in 040 Smith Hall, demonstrates hardware and software and provides consultation on the purchase of personal computer equipment available for sale at discounted prices through the University's Computer Warehouse.

Each semester, User Services offers free classes for students on the use of the mainframe systems and on word processing with microcomputers. Students may attend, without charge, any of the classes on microcomputer, workstation, and mainframe applications. The schedule of classes is included in a monthly newsletter, available at all computing sites. Computer manuals, introductory handbooks, self-paced tutorials, videotapes, and audiotapes are also available to assist students in learning how to use computers effectively. For further information, call (302) 831-6000 or visit the Consulting Center in 002 Smith Hall. (See table of "Computing Sites at a Glance" on the next page.)

UNIVERSITY MEDIA SERVICES

The University Media Services (UMS) provides television studio/classrooms that transmit courses to off-campus students, studios used to teach courses in television production, and facilities to create videotapes and videodisc. UMS supports faculty in the production of media materials and the delivery of related hardware and services for classroom presentation and special events.

Computing Sites at a Glance

As of May 1993

Site Location	Net- work Access ^a	Local Area Network	Computer Hardware						Printers ^d			Subject Area Restriction ^e	Phone Number	
			IBM & Compatibles ^b		Macintosh	Apple II	Sun	Xterminals	Terminals ^c	Laser	Dot Matrix			Letter Quality
			3.5"	5.25"										
Alison Hall Annex, 205			11	•	•								Human Resources	No Phone
Amy Du Pont Music Building, 116			9	•	•	2				M,I	I		Music	831-2477
Cannon Lab, Lewes, De., 205	•		7	•	•	2				3 (1g)	I	MF,I,M	Marine Studies	55-4230
Carpenter Sports Building, 111	•	•	25	•	•	1				I	M,I		Physical Education	831-6292
Christiana Commons, 121	•		2	•	•	2				16(2g)		MF,I,M		831-1474
Colburn Lab, 029	•	•	8	•	•						I	I	Chem. Engineering	831-6738
Dickinson C/D Residence Hall	•	•	26	•	•					I	I	I		831-1620
Du Pont Hall, 138 & 141	•									24(9g)		MF		831-6345
Du Pont Hall, 340	•	•	14	•	•					I	I	I	Civil Engineering	831-6878
Harrington Complex	•	•	20	•	•	20				M,I				unknown
Honors Center(180 S. College Ave.)	•		2	•	•					1	I	I		831-2734
McDowell Hall, 111/113	•	•	25	•	•					I	I		Nursing/Math Sciences	831-2262
McKinly Lab, 051	•		14	•	•					I	I		Life/Health Sciences	831-2282
Memorial Hall, 034	•	•	31	•	•					I	I		English	831-3683
Morris Library, 005, 006, & 007	•	•	32	•	•	21					M,I	M,I		831-8481
Newark Hall, 115	•									16(2g)		MF		831-8004
Newark Hall Training Center, 116	•	•	31	•	•	25				M,I	M,I			831-1413
Purnell Hall, 022	•									24(4g)		MF		831-6508
Purnell Hall, 024 & 026	•	•	38	•	•	20				M,I	I		Business & Economics	831-6853
Purnell Hall, 028		•	20	•								I	Math Center	831-2140
Recitation Hall, 202		•				23				M	M		Art	831-8953
Robinson Hall, 001	•		3	•	•					I	I		Marine Studies	831-8723
Smith Hall Consulting, 002,004,&006	•	•	6	•	•	5			2	34(18g)	MF,M,I	MF	MF	831-6350
Smith Hall, 010	•	•							14	S				831-6507
Smith Hall, 211	•	•	28	•	•	2			2	I	I		Foreign Lang. & ELI	831-6551
Spencer Lab, 010	•	•	9	•	•	9				I	I		Mech. Engineering	831-6674
Townsend Hall, 220, 220D, & 223	•		27	•	•					18(7g)		MF,I	Agricultural Sciences	831-6426
Willard Hall Education Build., 009B	•								25	I	MF,I			831-2497
Willard Hall Education Build., 203-I	•		1	•		1	19			2		MF,A,M,I	Education	831-6305

^a Communications equipment and software enable microcomputers to be used as terminals and connect to (UDelVM, Brahms, Chopin, Bach, Ravel, VMCON, VMS, UDeINET, DELCAT, or DELPLUS).

^b Call the site to get details on what machines have which kinds of drives.

^c The number and the letter "g" in parentheses indicates the number of graphic terminals of the total number of terminals in the site.

^d MF=mainframe; M=Macintosh; I=IBM; S=Sun workstation; A=Apple II

^e Students enrolled in courses in this subject area are given priority.

• Harrington Complex opening Fall 1993

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



STUDENT LIFE AND ACTIVITIES

- Student Life
- Delaware Undergraduate Student Congress
- The Perkins Student Center
- Religious Opportunities
- Cultural Events
- Visiting Scholars and Lecturers
- National Student Exchange
- Musical Ensembles
- Faculty Performing Groups
- University Gallery
- Student Publications and Communications
- Honor Societies
- Registered Student Organizations
- Fraternities and Sororities
- Intercollegiate Athletics Program
- Recreation and Intramural Programs
- Student Health Service
- Services for Students with Disabilities
- New Student Orientation
- Department of Public Safety
- Motor Vehicle Registration and Use
- Identification Cards

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. Eighteen congressional representatives are selected to represent the interests of students from each college. Various student constituencies across campus are also represented by seven cabinet positions. Other cabinet positions provide leadership for a variety of administrative 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.

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, a bank and a faculty dining room. In addition, the Center has a recreation area with billiards, television and an exhibition area. 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 Program Association (SPA) 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 Program Association (SPA), the Lesbian Gay Bisexual Student Union, WVUD radio, and the student newspaper and yearbook. The Student Activities Office is also housed in the Student Center.

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 Crusade for Christ, Chabad House, Christians in Action, Delaware Student Fellowship, Episcopal Campus Ministry, Hillel, Intervarsity Christian Fellowship, Lutheran 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 Program Association 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 Minority Affairs, offers lectures and colloquia by Black, Native American, and Spanish-surname scholars. These scholars at times reside in the Martin Luther King Jr. Humanities House and interact with the student residents. 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 Link 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.

NATIONAL STUDENT EXCHANGE

University of Delaware students can spend up to a year at one of 106 institutions located throughout the U.S. that exchange students 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.

MUSICAL ENSEMBLES

The Department of Music offers a variety of opportunities to perform in musical ensembles. The Choral Union, Chorale/Chamber Singers, Collegium Musicum, University Singers, Marching Band, Wind Ensemble, Symphonic Band, Concert Band, Jazz Ensemble, Gamelan, University-affiliated Orchestra, and a variety of chamber ensembles are important contributors to the musical life of the campus. Membership in these organizations is open to all members of the University community. Majors in other departments may apply a maximum of four credits toward group requirements in Humanities and the Arts of the College of Arts and Science.

For further information, call the Department of Music at (302) 831-2577.

FACULTY PERFORMING GROUPS

The Del'Arte Wind Quintet, formed in 1981, performs recitals throughout the Mid-Atlantic region. The Del'Arte has a wide and varied repertoire and is able to offer pro-

grams suitable for a variety of settings. For their "Music in the Schools" program, the group offers lecture-demonstrations and master classes and can furnish lesson plans and supplementary materials on request.

The Delaware Brass Quintet, organized in 1981, performs a variety of programs including formal concerts, workshops/clinics, and lecture-demonstrations for student and adult audiences. Each member brings extensive performing experience in solo and ensemble repertoire to the group. Available for performances are works from the Renaissance through the avant-garde. Concerts have been presented in Delaware and neighboring states.

The Faculty Jazz Ensemble, in existence since 1978, performs at campus and regional events as a trio or with as many as six or seven players. The group has appeared in the "Wonderful Music in Lewes" series and has entertained in Dover, Delaware as the opening act for Ben Vereen. The group is also available for clinics and performances in area high schools.

The Mendelssohn String Quartet, established in 1979, has been String Quartet in Residence in the University of Delaware's Department of Music since 1989. The group has earned a reputation as one of the most imaginative and exciting quartets of this generation. The quartet has appeared in major U.S. cities and on college and university campuses throughout the country, and it has collaborated with such noted artists as pianists Menahem Pressler, Rudolf Firkusny, and Ursula Oppens; sopranos Lucy Shelton and Evelyn Lear; violist Robert Mann; and clarinetist Charles Neidich.

The Taggart-Grycky Flute and Guitar Duo, formed in 1982, performs throughout the United States, and in 1987 made a successful concert tour of Belgium. The Duo's digital recording of nineteenth- and twentieth-century music for flute and guitar has won praise from *Hi-Fidelity* and *Fanfare* magazines. Combining solid musicianship with a charming style, the Duo treats its audiences to a delightful discussion and interpretation of music from the baroque through the contemporary eras.

For scheduling information, call the Program Coordinator at (302) 831-8245.

UNIVERSITY GALLERY

The University Gallery has been in operation since 1978. Located on the second floor of historic Old College, the Gallery, administered through the College of Arts and Science, cooperates with the Departments of Art, Art History, Anthropology, and History, and with the Museum Studies Program to bring exhibitions of regional and national significance to the attention of the campus audience and the surrounding communities. The Gallery also functions as a teaching laboratory, providing opportunities for students to learn the current standards and practices of the museum field.

The University Gallery houses a collection of art objects and cultural artifacts spanning the ancient period through the present, providing an invaluable resource to students, faculty, visiting scholars, and the general public. To receive information on the University Gallery events and programs, please write: The University Gallery, 114 Old College, University of Delaware, Newark, DE 19716.

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.

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.

Mortar Board and *Omicron Delta Kappa* are societies that recognize scholarship, leadership, and service.

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), *Pi Mu Epsilon* (mathematics), *Psi Chi* (psychology), *Phi Sigma Tau* (philosophy), *Pi Delta Phi* (French), *Pi Sigma Alpha* (political science), *Pi Tau Sigma* (mechanical engineering), *Sigma Delta Phi* (Spanish), *Sigma Iota Rho* (international relations), *Sigma Tau Delta* (English), *Sigma Theta Tau* (nursing), *Sigma Xi* (psychology), and *Tau Beta Pi* (engineering).

REGISTERED STUDENT ORGANIZATIONS

A wide variety of registered student organizations that provide leadership experiences and interest opportuni-

ties are available at the University. Students can choose from numerous areas ranging from departmental clubs, professional societies, and cultural associations to programs and activities serving their recreational, social, and educational interests.

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 Gamma Rho, Alpha Phi Alpha, Alpha Sigma Phi, Alpha Tau Omega, Delta Tau Delta, 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 Psi, Phi Kappa Tau, Pi Kappa Alpha, Pi Lambda Phi, Sigma Alpha Mu, Sigma Chi, Sigma Nu, Sigma Phi Epsilon, Tau Kappa Epsilon, 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 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, golf, men's and women's lacrosse and women's field hockey. Both men's and women's programs, except football, 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. Delaware also competes for championships as a member of the ECAC and IC4A. In recent years, 19 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 4:00 p.m. to 11:00 p.m. and on Saturday and Sunday from 12:00 noon to 9:00 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, bowling, broomball, field hockey, golf, indoor soccer, innertube water polo, lacrosse, racquetball, soccer, softball, squash, table tennis, 10K run, 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.

Student Fitness Center. The Student Fitness Center consists of the Main Aerobic Center and the Supercircuit and Free Weight Room. The Main Aerobic Center consists of a wide variety of state-of-the-art aerobic equipment. The facility is supervised at all times by knowledgeable staff who will design individualized fitness programs. The Supercircuit contains single station Universal weight machines, platform joggers, stationary bikes, and selected free weights. The 45 minute circuit workout provides a comprehensive strength and aerobic program. A variety of fitness activities are also offered throughout campus. For student fitness information call (302) 831-1580.

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. 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

The Student Health Service, located in Laurel Hall on the south end of the main campus mall, provides outpatient and in-patient medical services for all undergraduate and graduate students. The Health Service is staffed by over 60 qualified physicians, psychiatrists, nurses, technicians, health educators, a substance abuse counselor, and support personnel. Health Service physicians, psychiatrists, nurses, and technical staff are all well trained, fully licensed professionals. The physician staff are Board certified or Board eligible in specialty areas to include family practice, pediatrics, gynecology, and psychiatry.

Out-patient services, offered on both an appointment or walk-in basis, include x-ray and laboratory services, surgical treatment for minor lacerations and fractures, EKG testing, non-operative orthopedic services, medical supplies for loan, ambulance/medical transport services, and consultation and referral for complex medical cases. Student Health Service 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 inpatient emergencies and telephone consultation.

Registered nurses are available to see patients on a 24-hour, seven-day-a-week basis whenever 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 Student Health Service 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 Health Service 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, special serum injections, off-campus medical referrals, and laboratory testing sent to private labs. The semester and winter session health fee is also used to support the mental health services offered through the Center for Counseling and Student Development. Part-time admitted students can receive the services of the Student Health Service 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

Because the University is committed to helping each student develop to the full measure of his or her ability, the Dean of Students Office provides services for students with permanent and temporary disabilities. These include special orientation tours of the campus, informal counseling, short-term loan of cassette tape recorders and of keys to campus elevators, and liaison with faculty, professional staff, and state agencies. In addition, the Dean of Students office provides assistance in obtaining priority status for scheduling, in using specialized equipment and auxiliary aids, in locating tutors, readers, and classroom notetakers and interpreters, in finding available accessible housing in residence hall and apartment settings, and in arranging transportation on campus and on the shuttle bus route. For further information, call the Dean of Students Office at (302) 831-2116.

NEW STUDENT ORIENTATION

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

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.

A copy of the most recent annual report of campus crime statistics is available, upon request, from the Department of Public Safety, University of Delaware, Newark, DE 19716.

The preceding information is provided pursuant to Chapter 90, Title 14 of the Delaware Code.

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 ID 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 ID card. The ID 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 ID Systems Office. Loss of an ID card should be reported promptly to the ID Systems Office so that a new card can be prepared. A charge is made for a replacement ID card.