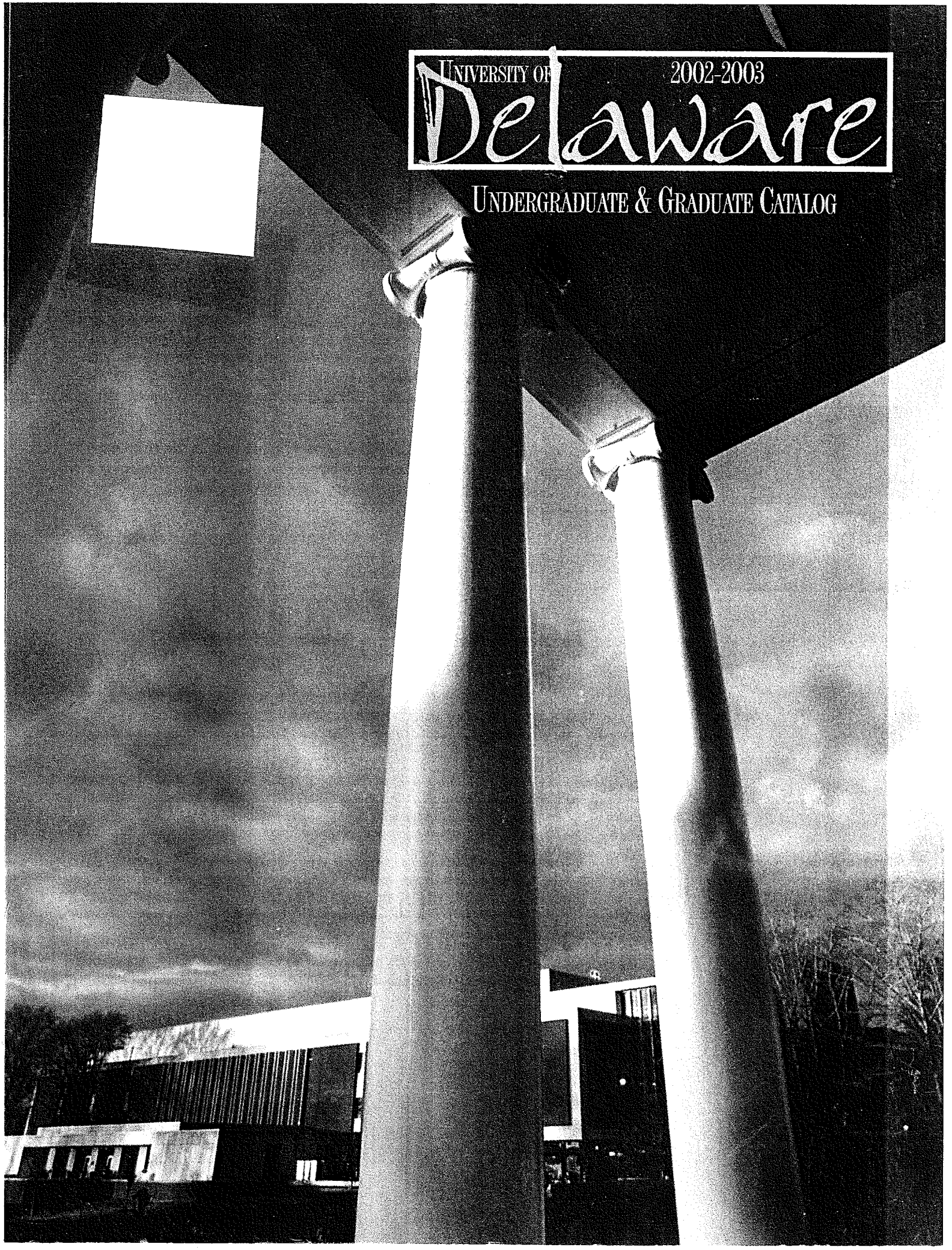


University of Delaware

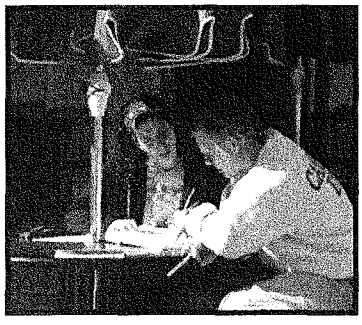
2002-2003

Undergraduate & Graduate Catalog

On the cover

Oh Beautiful for Spacious Skies. Dramatic clouds and sun-kissed columns paint a breathtaking view of the South Mall. Looking southward from the steps of Memorial Hall — home of the University's English Department — beams of sunlight draw you to Morris Library. It is easy to see why so many consider the University of Delaware to be one of the most beautiful campuses on the East Coast.

Yet it is more than architectural beauty and lush landscaping that draw some of the finest students from across the globe to UD. Academic riches, teachers who teach, a vibrant campus life, and technology that supports our every endeavor are many more reasons for our success. Within the very walls of Morris Library — an awesome six-acre structure of books and fiber cable — one will find millions of books and microforms, 180 networked databases, 20,000 electronic journals, 200 computer workstations, and close to 200 locations to connect your own laptop.



Allow the *2002-2003 Undergraduate & Graduate Catalog* to help you to create your own work of art. Within these pages you may be inspired by the courses, degree options, or majors offered. Consider this catalog to be an object of beauty and the words contained within to be your muse. Let the creative process begin!

Bulletin of the University of Delaware (U.S.P.S. 077580)

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The Undergraduate & Graduate Catalog, published annually in print and online formats, is intended for use by students and faculty at the University. It contains academic policies, regulations, and procedures; a listing and description of all courses; descriptions of degree requirements; and lists of faculty and administrators. You can access the online catalog anytime at www.udel.edu/catalog.

All new students admitted to the University receive a copy of this catalog during New Student Orientation. Additional copies may be purchased at the University Bookstore or by mail order. Copies are also available for examination at area high school guidance offices, the University Admissions Office, and the Graduate Studies Office. The University of Delaware will be pleased to supply copies, without charge, to any high school guidance office upon request.

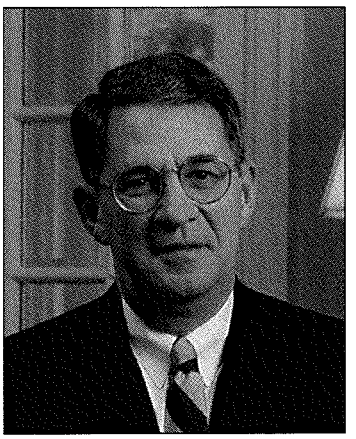
The University of Delaware reserves the right to make changes in the regulations, charges, and curricula listed in this publication at any time without prior notice, although efforts to publicize such changes will be made

Photos: Cover, Robert Cohen;
this page, Eric Crossan

UNIVERSITY OF DELAWARE
CATALOG
Undergraduate & Graduate

2002-2003

A MESSAGE TO STUDENTS



Your decision to attend the University of Delaware is an important one. That choice may have been based on recent college guides, such as the *Fiske Guide to Colleges,* which said, "If you're looking for an all-American, traditional college experience, take a gander at the University of Delaware." Or, you may have been influenced by our beautiful campus, which the *Princeton Review* called "absolutely the most gorgeous campus anywhere." Or, you might be following in the footsteps of family members or friends.

Perhaps you were attracted by the quality of our academic programs, such as the award-winning University Honors Program, whose graduates have won many national and international honors, including the Rhodes Scholarship, the Truman Scholarship and the Mitchell Scholarship.

Or, your decision may have been influenced by some of the many distinctions the University has achieved in the last few years, such as being cited by *U.S. News and World Report* as one of the country's top 25 public institutions, being named among the top 10 of "America's Most Wired Colleges" in *Yahoo! Internet Life Magazine* or being called a "best buy" by *Money* magazine.

One of the best reasons for choosing Delaware is our commitment to provide you with the tools and resources to reach your goals. That commitment has been recognized in several ways. In recent national surveys, UD student responses have been significantly more positive than national averages and, at the same time, more positive than UD student responses of even five or ten years ago. Students ranked us highly in such areas as registration procedures, variety of courses offered, out-of-class availability of instructors, library facilities and services, computer services, classroom facilities, laboratory facilities and general condition of buildings and grounds. And, in a recent survey, our alumni responded overwhelmingly that they would want their children to attend UD.

That positive feeling about the University of Delaware is nowhere more evident than in the success we already have achieved with the Campaign for Delaware, the first comprehensive capital campaign in the institution's history. The five-year campaign began in October 1998 with a goal of $225 million, and that original goal was surpassed less than halfway through the campaign. This campaign, which is continuing through its original five-year term, has proved an excellent opportunity for our many alumni and friends to demonstrate the high esteem in which they hold this institution and their desire to be involved in ensuring its continuing success in the new century.

As you begin the task of turning your dreams into reality and of forming your own very special relationship with UD, this catalog is an important first tool. Use it – and all of the University's resources, from the library to our prestigious faculty – as jumping-off places, stimuli to help you think of new and ever-more-challenging goals.

Know that all of us in the University of Delaware community are committed to doing whatever we can to help you succeed in attaining your goals.

Sincerely,

David P. Roselle
President

Contents

General Information

A Message to Students iii
Synopsis of Baccalaureate Degree Programs vi
Synopsis of Honors Baccalaureate Degree Programs viii
Synopsis of Undergraduate Minors ix
Synopsis of Graduate Degree Programs x
University Calendar xiii

The University 1
Research Centers, Institutes and Special Facilities 5
Flexible Programs Promote Lifelong Learning 13
Fees and Financial Aid 17
Resources for Students 25
Student Life and Activities 31

Undergraduate Programs

Undergraduate Admissions 39
Opportunities to Enrich Your Undergraduate Education 43
Academic Regulations for Undergraduates 49
Academic Programs
- College of Agriculture and Natural Resources 61
- College of Arts and Science 79
- College of Business and Economics 153
- College of Engineering 163
- College of Health and Nursing Sciences 175
- College of Human Services, Education and Public Policy 189
- College of Marine Studies 203

Graduate Programs

Graduate Admissions 207
Graduate Fellowships and Assistantships 211
Academic Regulations for Graduate Students 215
Academic Programs
- College of Agriculture and Natural Resources 225
- College of Arts and Science 233
- College of Business and Economics 255
- College of Engineering 259
- College of Health and Nursing Sciences 267
- College of Human Services, Education and Public Policy 273
- College of Marine Studies 283

Reference Material

Board of Trustees, Faculty, and Professional Staff 287
Interpretation of Course Numbers and Symbols 325
Course Listings 326
Index 486

SYNOPSIS OF BACCALAUREATE DEGREE PROGRAMS

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES	*Bachelor of Applied Sciences*	Engineering Technology (includes Technical Applications and Technical Management)	
	Bachelor of Science	Agricultural and Technology Education (includes Technology Education and Agricultural and Natural Resources Education) Animal Science (includes Preveterinary Medicine, Animal Biotechnology, Applied Animal Science, and General Animal Science) Entomology Environmental Soil Science Food Business Managment and Technology Food and Agribusiness Management (includes Food Marketing) Food Science and Technology (includes Food Science and Food Technology) General Agriculture Landscape Horticulture Natural Resource Management Plant Biology Plant Protection Plant Science Resource Economics (includes Environmental Economics) Statistics Wildlife Conservation	
COLLEGE OF ARTS AND SCIENCE	*Bachelor of Arts*	Anthropology Anthropology Education Art Art Conservation (includes Collections Care and Pre-Graduate Study) Art History Biological Sciences Biological Sciences Education Chemistry Chemistry Education Communication (includes Interpersonal, Mass Communication) Comparative Literature Computer and Information Sciences Continental European Studies Criminal Justice Earth Science Education East Asian Studies Economics (includes Applied Economics, Economic Theory and Econometrics) Economics Education English (includes Business/Technical Writing, Creative Writing, Drama, Ethnic/Cultural Studies, Film, and Journalism) English Education Foreign Languages and Literatures (includes Ancient Greek and Roman Studies, French Studies, German Studies, Italian Studies, Russian Studies, Spanish Studies, Three Languages) French Education French/Political Science Geography Geography Education Geology	German Education German/Political Science History (includes American History, European History, Global History, Journalism, Policy History) History Education History/Classics History/French History/German History/Russian History/Spanish International Relations Italian Education Latin American Studies Latin Education (includes Classics) Mathematical Sciences Mathematics Education Music (includes Music Management Studies) Philosophy Physics Physics Education Political Science (includes American Politics, Global Studies, Politics and Journalism, Public Law, Public Policy and Administration) Political Science Education Psychology Psychology Education Sociology (includes Data Analysis, Health Services, Law and Society, and Social Welfare) Sociology Education Spanish Education Spanish/Political Science Theatre Production Women's Studies
	Bachelor of Arts in Liberal Studies	Liberal Studies	
	Bachelor of Fine Arts	Fine Arts	Visual Communications
	Bachelor of Music	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)
	Bachelor of Science	Biochemistry Biological Sciences (includes Biotechnology, Cellular and Molecular Biology and Genetics, and Ecology and Organismic Biology) Chemistry (includes Environmental Chemistry) Computer and Information Sciences	Environmental Science Geology (includes Geophysics, Paleobiology) Information Systems Mathematical Sciences Mathematics and Economics Physics (includes Astronomy/Astrophysics, Chemical Physics and Materials Physics)

SYNOPSIS OF BACCALAUREATE DEGREE PROGRAMS (continued)

COLLEGE OF BUSINESS AND ECONOMICS	*Bachelor of Arts*	Economics (includes Applied Economics, Economic Theory and Econometrics)	
	Bachelor of Science	Economics (includes Applied Economics, Economic Theory and Econometrics)	
	Bachelor of Science in Accounting	Accounting	
	Bachelor of Science in Business Administration	Management Finance	Marketing Operations Management
	Bachelor of Science in Management Information Systems	Computer Science	
COLLEGE OF ENGINEERING	*Bachelor of Chemical Engineering*	Chemical Engineering	
	Bachelor of Civil Engineering	Civil Engineering	
	Bachelor of Computer Engineering	Computer Engineering	
	Bachelor of Electrical Engineering	Electrical Engineering	
	Bachelor of Environmental Engineering	Environmental Engineering	
	Bachelor of Mechanical Engineering	Mechanical Engineering	
COLLEGE OF HEALTH AND NURSING SCIENCES	*Bachelor of Science*	Applied Nutrition Athletic Training Dietetics Exercise Science (includes Biomechanics, Exercise Physiology, Figure Skating Science)	Health Behavior Management (includes Fitness Management, Recreation and Park Administration, and Sport Management) Health and Physical Education Medical Technology Nutritional Sciences
	Bachelor of Science in Nursing	Nursing	Baccalaureate for the Registered Nurse (B.R.N.)
COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY	*Bachelor of Arts in Educational Studies*	Educational Studies	
	Bachelor of Science in Education	Elementary Teacher Education	
	Bachelor of Science	Apparel Design Early Childhood Development and Education Family and Community Services (Family Research, Human Services) Fashion Merchandising	Hotel, Restaurant and Institutional Management Human Services, Education and Public Policy Leadership and Consumer Economics

SYNOPSIS OF HONORS BACCALAUREATE DEGREE PROGRAMS

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES	Animal Science, B.S. Dean's Scholar in Agricultural Sciences, B.S. Entomology, B.S.	Food Science and Technology, B.S. Natural Resource Management, B.S. Wildlife Conservation, B.S.
COLLEGE OF ARTS AND SCIENCE	Ancient Greek and Roman Studies, B.A. Anthropology, B.A. Anthropology Education, B.A. Art Conservation, B.A. Art History, B.A. Biochemistry, B.S. Biological Sciences, B.A. Biological Sciences Education, B.A. Biotechnology, B.S. Chemistry, B.S. Chemistry Education, B.A. Communication, B.A. Computer and Information Sciences, B.A. and B.S. Continental European Studies, B.A. Criminal Justice, B.A. Dean's Scholar in Arts and Science East Asian Studies, B.A. Economics, B.A. Economics Education, B.A. English, B.A. English Education, B.A. Foreign Languages/Political Science, B.A. Foreign Languages-Three Languages, B.A. French Studies, B.A. French Education, B.A. Geography, B.A.	Geography Education, B.A. German Studies, B.A. German Education, B.A. History, B.A. History Education, B.A. History/Foreign Languages, B.A. International Relations, B.A. Italian Studies, B.A. Italian Education, B.A. Latin Education, B.A. Liberal Studies, B.A.L.S. Mathematical Sciences, B.A. and B.S. Mathematics and Economics, B.S. Mathematics Education, B.A. Music and Music Theory/Composition, B.A. and B.M. Philosophy, B.A. Physics, B.S. Political Science, B.A. Political Science Education, B.A. Psychology, B.A. Psychology Education, B.A. Russian Studies, B.A. Sociology, B.A. Spanish Studies, B.A. Spanish Education, B.A. Women's Studies, B.A.
COLLEGE OF BUSINESS AND ECONOMICS	Accounting, B.S.A. Economics, B.A. and B.S. Finance, B.S.B.A.	Management, B.S.B.A. Marketing, B.S.B.A. Operations Management, B.S.B.A.
COLLEGE OF ENGINEERING	Chemical Engineering, B.Ch.E. Civil Engineering, B.C.E. Computer Engineering, B.Cp.E.	Electrical Engineering, B.E.E. Environmental Engineering, B.En.E. Mechanical Engineering, B.M.E.
COLLEGE OF HEALTH AND NURSING SCIENCES	Athletic Training, B.S. Applied Nutrition, B.S. Dietetics, B.S. Exercise Science, B.S. Health and Physical Education, B.S.	Health Behavior Management, B.S. Medical Technology, B.S. Nursing, B.S.N. Nutritional Sciences, B.S.
COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY	Apparel Design, B.S. Early Childhood Development & Education, B.S. Educational Studies, B.A.E.S. Elementary Teacher Education, B.S.	Family & Community Services, B.S. Fashion Merchandising, B.S. Hotel, Restaurant & Institutional Management, B.S. Leadership and Consumer Economics, B.S.

SYNOPSIS OF UNDERGRADUATE MINORS

	Minor	Advisor – Location
COLLEGE OF AGRICULTURE AND NATURAL RESOURCES	Animal Science	Office of Academic Programs — 113 Townsend
	Engineering Technology	Office of Academic Programs — 113 Townsend
	Entomology	Office of Academic Programs — 113 Townsend
	Environmental Soil Science	Office of Academic Programs — 113 Townsend
	Food and Agribusiness Management	Office of Academic Programs — 113 Townsend
	Food Science	Office of Academic Programs — 113 Townsend
	Landscape Horticulture	Office of Academic Programs — 113 Townsend
	Operations Research	P.K. Krishnan – 262 Townsend
	Plant Biology	Office of Academic Programs — 113 Townsend
	Resource Economics	Office of Academic Programs — 113 Townsend
	Statistics	Department Chair – 213 Townsend
	Wildlife Conservation	Office of Academic Programs — 113 Townsend
COLLEGE OF ARTS AND SCIENCE	African Studies	Wunyabari Maloba – 207 Munroe
	American Material Culture Studies	Bernard Herman – 317 Old College
	Anthropology	Kenneth Ackerman – 106 Munroe
	Art	Suzanne Austin-Alchon – 103 Recitation Hall
	Art History	David Stone – 321 Old College
	Bioinformatics	Lori Pollock – 103 Smith
	Biology	David Smith – 51 E. Main St. - Rm. 109
	Black American Studies	Carole C. Marks – 417 Ewing
	Chemistry	John Burmeister – 102 Brown Lab
	Cognitive Science	Irene Vogel – 46 E. Delaware Ave. - Rm. 205
	Comparative Literature	Judy McInnis – 441 Smith
	Computational Biology	David Usher – 223 McKinly Lab.
	Computer Science	Lori Pollock – 103 Smith
	East Asian Studies	David Pong – 237 Munroe
	English	Maria Frawley – 209 Memorial
	Foreign Languages:	
	Classics	Nicolas P. Gross – 439 Smith
	French, French Studies	Bonnie Robb – 426 Smith
	German, German Studies	Elizabeth Thibault – 108 Mitchell
	Italian	Laura Salsini – 431 Smith
	Japanese	Mark Miller – 443 Smith
	Russian	Susan Amert – 440 Smith
	Spanish, Spanish Studies	Alexander Selimov – 450 Smith
	Geography	Peter Rees – 228 Pearson
	Geology	Allan Thompson – 106 Penny Hall
	History	Gerald Figal – 122 Munroe
	Irish Studies	John Montano – 205 Munroe
	Jewish Studies	Vivian Klaff – 231 South College Ave.
	Latin American Studies	Peter Rees – 228 Pearson
	Legal Studies	Kenneth Koford – 410 Purnell
	Linguistics	Irene Vogel – 46 E. Delaware Ave. - Rm. 205
	Mathematics	Y.J. Leung – 527 Ewing
	Medical Humanities	Florence Schmieg – 207 McKinly Lab
	Medieval Studies	Daniel Callahan – 218 Munroe
	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	Harvey Price – 128 Amy du Pont Music Bldg.
	Church Music	David Herman, 209 Amy du Pont Music Bldg.
	Music Management Studies	Elaine Brenchley – 321 Amy du Pont Music Bldg.
	Musical Studies	Lloyd Shorter – 209 Amy du Pont Music Bldg.
	Philosophy	Robert Brown – 24 Kent Way
	Physics	James MacDonald – 268 Sharp Lab
	Political Science	Gretchen Bauer – 459 Smith
	Psychology	Barbara Giza – 143, 200 Academy St
	Public Administration	Gretchen Baur – 459 Smith
	Religious Studies	Alan D. Fox – 15 Kent Way - Rm. 204
	Sociology	Jeffrey L. Davidson – 25 Amstel Ave.
	Theatre	Joann Browning – 409 Academy St.
	Women's Studies	Jessica Schiffman – 333 Smith
COLLEGE OF BUSINESS AND ECONOMICS	Business Administration	Sandra M. Fields – 236 MBNA America Hall
	Economics	John Ying– 313 Purnell
	International Business	Sandra M. Fields – 236 MBNA America Hall
	Management Information Systems	Gloria Diodato – 102 Purnell
COLLEGE OF ENGINEERING	Civil Engineering	Ardeshir Faghri – 346A DuPont
	Materials Science	Rick (Ian) Hall – 102B Spencer
COLLEGE OF HEALTH AND NURSING SCIENCES	Coaching Science	Loren E. Kline – 120 Delaware Field House
	Nutrition	Elizabeth Lieux – 244A Alison
	Strength and Conditioning	Jeff Schneider – 114 Fred Rust Ice Arena
COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY	Disabilities Studies	Carol Denson – 314 Alison
	Educational Studies	Robert Taggart – 219D Willard Hall
	Leadership	Audrey Helfman – 217 Alison

SYNOPSIS OF GRADUATE DEGREE PROGRAMS

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES	*Master of Arts*	Agricultural and Technology Education	
	Master of Science	Agriculture and Resource Economics Animal Science Entomology and Applied Ecology Food Science	Operations Research Plant and Soil Sciences Public Horticulture Statistics
	Doctor of Philosophy	Animal Science Entomology and Applied Ecology	Operations Research Plant and Soil Sciences
COLLEGE OF ARTS AND SCIENCE	*Master of Arts*	Art Art History Chemistry and Biochemistry Communication Criminology Early American Culture English Foreign Languages and Literatures Foreign Languages and Pedagogy	Geography History Liberal Studies Linguistics Physics Political Science Psychology Sociology
	Master of Fine Arts	Fine Arts	Theatre
	Master of Music	Music	
	Master of Science	Applied Mathematics Art Conservation Biological Sciences Chemistry and Biochemistry Computer and Information Sciences	Geography Geology Mathematics Physics
	Doctor of Philosophy	Applied Mathematics Art History Biological Sciences Chemistry and Biochemistry Climatology Computer and Information Sciences Criminology English	Geology History Linguistics Mathematics Physics Political Science and International Relations Psychology Sociology
	Doctor of Physical Therapy	Physical Therapy	
COLLEGE OF BUSINESS AND ECONOMICS	*Master of Arts*	Economics Economics and Entrepreneurship for Educators	
	Master of Business Administration	Business Administration	
	Master of Business Administration/ Master of Arts	Business Administration/Economics	
	Master of Science	Accounting Economics	Information Systems and Technology Management
	Doctor of Philosophy	Economics	
COLLEGE OF ENGINEERING	*Master of Applied Sciences*	Civil Engineering	
	Master of Chemical Engineering	Chemical Engineering	
	Master of Civil Engineering	Civil Engineering	
	Master of Science	Biomechanics and Movement Science Electrical and Computer Engineering	Mechanical Engineering (thesis) Ocean Engineering

SYNOPSIS OF GRADUATE DEGREE PROGRAMS (continued)

COLLEGE OF ENGINEERING	*Master of Engineering: Mechanical*	Mechanical Engineering (non-thesis)	
	Master of Materials Science and Engineering	Materials Science	
	Doctor of Philosophy	Biomechanics and Movement Science (interdisciplinary) Chemical Engineering Civil Engineering	Electrical and Computer Engineering Materials Science and Engineering Mechanical Engineering Ocean Engineering
COLLEGE OF HEALTH AND NURSING SCIENCES	*Master of Science*	Exercise Science (includes Biomechanics, Exercise Physiology)	Health Promotion Health Services Administration Human Nutrition
	Master of Science in Nursing	Clinical Nurse Specialist Combined Clinical Nurse Specialist/Nurse Practitioner	Family Nurse Practitioner Health Services Administration
	Certificate Programs	Nutrition and Dietetics Certificate Program	Post-Master's Certificate Program in Nursing
COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY	*Master of Arts*	Education (includes ESL/Bilingualism, School Psychology) Urban Affairs and Public Policy (includes Community Development and Nonprofit Leadership, Energy and	Environmental Policy, Historic Preservation)
	Master of Education	Education (includes College Counseling, Curriculum and Instruction, Educational Leadership, Exceptional	Children and Youth, Secondary Education, Student Affairs Practice in Higher Education) School Counseling
	Master of Environmental and Energy Policy	Environmental and Energy Policy	
	Master of Instruction	Education (includes Instruction)	
	Master of Public Administration	Public Administration	
	Master of Science	Hospitality Information Management	Human Development and Family Studies
	Doctor of Education	Educational Leadership (includes Administration and Policy, Curriculum and Instruction)	
	Doctor of Philosophy	Education (includes Cognition, Development, and Instruction, Curriculum and Instruction, Educational Policy, Exceptionality, Measurement, Statistics, and Evaluation)	Environmental and Energy Policy Human Development and Family Studies Urban Affairs and Public Policy
COLLEGE OF MARINE STUDIES	*Master of Marine Policy*	Marine Policy	
	Master of Science	Marine Studies (includes Marine Biology/ Biochemistry, Marine Policy,	Oceanography, Physical Ocean Science and Engineering) Ocean Engineering
	Doctor of Philosophy	Marine Studies (includes Marine Biology/ Biochemistry, Marine Policy, Oceanography, Physical Ocean	Science and Engineering) Oceanography Ocean Engineering

UNIVERSITY CALENDAR

FALL SEMESTER 2002

Monday, August 5
Late registration and change of registration begins via UDPHONE and website.

Friday, August 30
Deadline for admission to doctoral candidacy for degrees to be conferred in December 2002.

Sunday, September 1
Residence halls check-in for new students: 8:00 a.m. to 4:00 p.m.
Fall DelaWorld Phase II begins.

Monday, September 2
Holiday, University Offices closed.
Residence halls check-in for returning students: 9:00 a.m. to 9:00 p.m.

Tuesday, September 3
New Student Convocation: 11:00 a.m.
Advisement and registration.

Wednesday, September 4
Classes begin at 8:00 a.m.

Friday, September 6
Rosh Hashanah begins at sundown; continues next two days – See policy on excused absence in the Academic Regulations chapters of this catalog.

Monday, September 16
Deadline for filing application for *graduate degrees* to be conferred in December 2002.
Yom Kippur – See policy on excused absence in the Academic Regulations chapters of this catalog.

Tuesday, September 17
Last day to register or to add courses. After this date, tuition and a one-time $20 processing fee will be charged for change of registration; students withdrawing from courses will receive a grade of "W" on permanent record.
Deadline *for undergraduate students* for completion of deferred examinations and incomplete work (grade I) from Spring Semester 2002 and 2002 Summer Sessions.

Wednesday, October 16
Registration begins for Winter Session.

Friday, October 18
Freshman midterm marking period ends.
Deadline *for graduate students* for completion of deferred examinations and incomplete work (grade I) from Spring Semester 2002 and 2002 Summer Sessions.

Tuesday, October 29
Last day to change registration or to withdraw from courses without academic penalty.

Tuesday, November 5
Election Day; classes suspended and University offices closed.

Monday, November 11
Deadline for receipt of *doctoral dissertations and executive position papers* for degrees to be conferred in December 2002.

Friday, November 15
Undergraduate admission application deadline for freshmen and transfer students entering Spring Semester, 2003.

Monday, November 18
Deadline for receipt of *master's theses* for degrees to be conferred in December 2002.

Thursday, November 21
Registration for Spring Semester 2003 begins.

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

Wednesday, November 27
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 28
Holiday, University offices closed; classes suspended.

Friday, November 29
Holiday, University offices closed; classes suspended.

Sunday, December 1
Residence halls open at 2:00 p.m.

Monday, December 2
Classes resume following Thanksgiving recess.
Deadline for graduate admission applications for Spring Semester 2003.

Wednesday, December 11
Last day of classes; classes end at 10:00 p.m.

Thursday, December 12
Reading day (no examinations, test or quizzes are allowed).

Friday, December 13
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-Sunday, December 14 & 15
Reading days (no examinations scheduled).

Friday, December 20
Final examinations end.
Residence halls close at 10:00 p.m.

Saturday, January 4
January Commencement.

WINTER SESSION 2003

Wednesday, October 16
Registration for Winter Session begins.

Monday, November 11
Late registration and change of registration begin via UDPHONE and Web.

Thursday, December 12
Fee payment deadline for Winter Session.

Sunday, January 5
Residence halls check-in: 2:00 p.m. to 9:00 p.m.

Monday, January 6
Classes begin at 8:00 a.m.
Residence hall check-in for Winter Session walk-ins, 9 a.m. to 5 p.m.

Thursday, January 9
Last day to register or to add courses. After this date, tuition and a one-time $20 processing fee will be charged for change of registration; students withdrawing from courses will receive a grade of "W" on permanent record.

Wednesday, January 15
Deadline for graduate admission recommendations from departments for Spring Semester 2003.
Deadline for receipt of dissertations and master's theses for degrees conferred in February 2003.

Monday, January 20
Martin Luther King Day, University offices closed; classes suspended.

Friday, January 24
Last day to change registration or to withdraw from courses without academic penalty.

Monday, February 3
Deadline for admission to *doctoral candidacy* for degrees conferred in May 2003.

Friday, February 7
Last day of classes.

Saturday, February 8
Final examinations.
Grades due in Registrar's Office 72 hours after scheduled examination or last class meeting when no final examination is given. Students leaving after Winter Session must check out of the Residence Hall by 7:00 p.m.

SPRING SEMESTER 2003

Friday, November 15
Undergraduate admission application deadline for freshmen and transfer students entering Spring Semester, 2003. Applications received after this date will be reviewed on a space available basis.

Thursday, November 21
Registration for Spring Semester 2003 begins.

Monday, December 2
Graduate admission application deadline for Spring Semester, 2003.

Thursday, January 2
Undergraduate readmission application deadline for Spring Semester, 2003.

Monday, January 6
Fee payment deadline for Spring Semester, 2003.

Wednesday, January 15
Deadline for graduate admission recommendations for Spring Semester, 2003.

Thursday, January 16
Spring DelaWorld Phase I.

Monday, January 27
Late registration and change of registration for advance registered students begins via UDPHONE and Web.

Monday, February 3
Deadline for admission to *doctoral candidacy* for degrees to be conferred in May 2003.

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

Monday, February 10
Spring DelaWorld Phase II.
Classes begin at 4:00 p.m.
Residence halls check-in 9:00 a.m. to 5:00 p.m.

Saturday, February 15
Undergraduate admission application deadline for freshmen entering Fall Semester 2003.

Monday, February 17
Deadline for filing application for *graduate degrees* to be conferred in May 2003.

Monday, February 24
Last day to register or to add courses. After this date, tuition and a one-time $20 processing fee will be charged for change of registration; students withdrawing from courses will receive a grade of "W" on permanent record.
Deadline *for undergraduate students* for completion of deferred examinations and incomplete work (grade I) from Fall Semester 2002 and 2003 Winter Session.

Friday, March 21
Deadline *for graduate students* for completion of deferred examinations and incomplete work (grade I) from Fall Semester 2002 and 2003 Winter Session.

Friday, March 28
Freshman midterm marking period ends.
Spring recess begins at end of classes. Residence halls close at 7:00 p.m.

Tuesday, April 1
Deadline for *graduate admission* applications for admission in June 2003.

Sunday, April 6
Residence halls open at 2:00 p.m.

Monday, April 7
Classes resume at 8:00 a.m. following spring recess.

Monday, April 14
Deadline for receipt of *doctoral dissertations and executive position papers* for degrees to be conferred in May 2003.
Last day to change registration or to withdraw from courses without academic penalty.
Deadline for receipt of *master's theses* for degrees to be conferred in May 2003.

Tuesday, April 15
Registration for Summer Sessions 2003 begins.

Wednesday, April 16
Passover begins at sundown; continues next two days – see policy in Faculty Handbook on excused absence.

Friday, April 18
Good Friday – see policy in Faculty Handbook.

Monday, April 21
Registration for Fall Semester 2003 begins.

Thursday, May 1
Deadline for admission to *doctoral candidacy* for degrees to be conferred in August 2003.
Undergraduate admission application deadline for transfer students entering Fall Semester 2003.

Friday, May 9
Honors Day. Modified class schedule.

Thursday, May 15
Deadline for filing application for *graduate degrees* to be conferred in August 2003.

Wednesday, May 21
Last day of classes; classes end at 10:00 p.m.

Thursday, May 22
Reading Day; no examinations scheduled.

Friday, May 23
Final exams begin. Grades due in Registrar's Office 72 hours after scheduled examination or last class meeting when no final examination is given.

Saturday, May 24
Reading Day; no examinations scheduled.

Sunday, May 25
Reading Day; no examinations scheduled.

Monday, May 26
Holiday. University offices closed. Some examinations may be scheduled.

Friday, May 30
Final examinations end.
Residence halls close at 10:00 p.m. for nongraduates.

Saturday, May 31
Commencement.
Residence halls close at 5:00 p.m. for graduates.

FIRST SUMMER SESSION 2003

Tuesday, April 15
Registration for 2003 Summer Sessions begins.

Sunday, June 8
Residence hall check-in for 5 and 7 1/2 week sessions; noon to 5 p.m.

Monday, June 9
Classes begin.

Friday, July 4
Holiday, University offices closed; classes suspended.

Friday, July 11
Classes end, 5 week Summer Session.

Saturday, July 12
Final examinations; 5 week Summer Session. Students attending 5 week Summer Session to check out of residence halls by 7:00 p.m.

Monday, July 28
Classes end, 7 1/2 week Summer Session classes meeting Monday/Wednesday.

Tuesday, July 29
Classes end, 7 1/2 week Summer Session classes meeting Tuesday/Thursday.

Wednesday, July 30
Final Exams, 7 1/2 week Summer Session classes meeting Monday/Wednesday.

Thursday, July 31
Final Exams, 7 1/2 week Summer Session classes meeting Tuesday/Thursday.
Students attending 7 1/2 week sessions to check out of residence halls by 7:00 p.m.

SECOND SUMMER SESSION 2003

Monday, July 1
Deadline for *graduate admission* applications for admission to the fall semester 2003 (some departments have earlier deadlines).

Monday, July 14
Classes begin.

Monday, July 22
Deadline for submission of *doctoral dissertations and executive position papers* for degrees to be conferred in August 2003.

Monday, July 29
Deadline for submission of *master's theses* for degrees to be conferred in August 2003.

Thursday, August 14
Classes end.

Friday, August 15
Final examinations; residence halls close for 2nd Summer Session at 7:00 p.m.

THE UNIVERSITY

- **Tradition and Innovation – Our History and Our Future**
- **Diverse Colleges and Extensive Degree Programs**
- **Our Academic Calendar Offers Flexible Scheduling**
- **Teachers Who Teach**
- **Students Are Our Focus**
- **Our Unique Research Opportunities**
- **Cooperative Programs With Other Institutions**
- **Keeping Informed and Involved**

TRADITION AND INNOVATION – OUR HISTORY AND OUR FUTURE

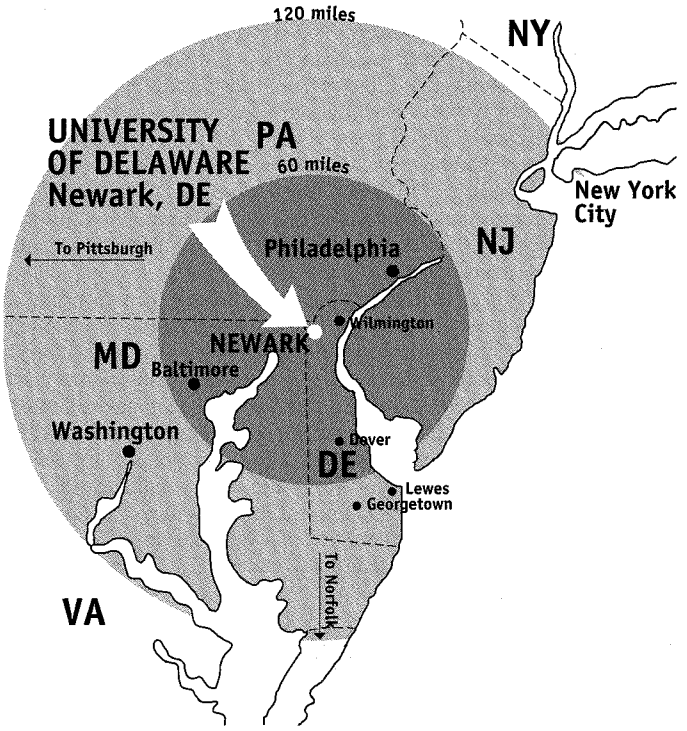
One of the oldest institutions of higher education in the country, the University of Delaware combines tradition and innovation, offering students a rich heritage along with the latest in instructional and research technology.

The University traces its origin to a small school in New London, Pa., opened in 1743 by the distinguished Colonial scholar, the Rev. Dr. Francis Alison. By 1765, the school had been moved to Newark, Del., where it received a charter as the Academy of Newark from Thomas and Richard Penn in 1769. The State of Delaware chartered the school in 1833, and the institution was renamed Delaware College in 1843. A Women's College was opened in 1914, and in 1921, the two coordinate colleges were officially named the University of Delaware.

Graduate programs leading to a master's degree have been available since before the turn of the century. Doctoral programs have been offered since the 1940s. Currently, the University offers more than 80 different programs leading to a master's degree and over 40 different programs leading to a doctoral degree through 46 departments in the seven instructional colleges. In 2000-2001, 730 master's degrees and 163 doctoral degrees were conferred.

Today, there are more than 100,000 active University of Delaware alumni who live in every state of the U.S. and more than 75 foreign countries.

A private university that receives public support, the University of Delaware joined the ranks of historic land-grant colleges in 1867. Today, it is a land-grant, sea-grant, space-grant and urban-grant institution. Midway between Philadelphia and Baltimore, the main campus is located in Newark, Delaware, a suburban community of 30,000. But, courses are offered statewide, at locations including Wilmington, Dover, Milford, Georgetown, and Lewes. In addition to full-time and part-time educational opportunities, the University offers a rich array of public lectures, exhibitions, performances, service programs and athletic competitions. The UD also is home to a unique training program for world-class figure skaters.



The campus is a place of great beauty. In recent years, special enhancements have included renovations to classrooms, laboratories and virtually every building on campus. The University recently opened MBNA America Hall–a new facility for the College of Business and Economics, and Gore Hall–a major classroom building that completes the historic campus mall. In addition to new construction, the University has an ongoing commitment to the restoration and renovation of historic buildings that are a special part of the central campus–a commitment recognized and praised by several external organizations.

The University works cooperatively with the area's unique cultural and technical institutions, and it provides the finest library facilities in the state. Recently, the University was honored as a national model for its exemplary campuswide technology network, incorporating video, data and voice, and for the use of that network to enhance teaching, learning, research, administration, and community service.

Mission Statement. 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 increase scientific, humanistic, 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 by respecting every human being.

A Commitment to 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 persons from many different backgrounds. As part of that effort, two special commissions have been assembled to promote gender equity and racial diversity: The Commission on the Status of Women and the Commission to Promote Racial and Cultural Diversity. Composed of students, faculty, and professional and salaried staff, these commissions work 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, and to enhance the curriculum by including the perspectives of different races, cultures and genders. The commissions, members of which are appointed by the President, also identify problem areas and make recommendations for positive changes.

DIVERSE COLLEGES AND EXTENSIVE DEGREE PROGRAMS

Academic degree programs are administered by seven colleges at the University. Six of them (Agriculture and Natural Resources; Arts and Science; Business and Economics; Engineering; Health and Nursing Sciences; Human Services, Education and Public Policy) offer both undergraduate and graduate degrees. The remaining college, Marine Studies, offers graduate degrees only. A complete list of our extensive undergraduate and graduate degree programs is presented on pages vi-xi of this catalog.

Through the Parallel Program, a special partnership between the University of Delaware and Delaware Technical & Community College, students can earn credits toward University degrees at campuses in Wilmington, Dover and Georgetown. The Division of Professional and Continuing Studies extends the opportunities of the University to students throughout the state.

Since 1921, the University has been accredited by the Middle States Association of Colleges and Secondary Schools. Professional accreditation also is held in Accounting, Agricultural Engineering/Engineering Technology, Athletic Training, Business Administration, Chemistry, Clinical Psychology, Dietetics, Education, Engineering, Medical Technology, Music, Physical Therapy, and Nursing.

OUR ACADEMIC CALENDAR OFFERS FLEXIBLE SCHEDULING

The University of Delaware follows a semester plan. Fall semester usually begins in early September and ends in mid-December. The spring semester begins in early February and ends in late May. During winter and summer sessions (described below), students may participate in off-campus field experiences, special projects for credit and a number of non-credit activities–as well as regular academic courses. Classes are offered from 7:00 a.m. to 10:00 p.m. During preregistration, students may indicate preferred class times. For more information on fall and spring semesters, call the Registrar's Office at (302) 831-2131.

The Summer program begins the first week of June and features two consecutive five-week sessions, as well as some classes that meet for 7-1/2 weeks. Winter Session is held in January and early February.

During Winter and Summer sessions, students may earn 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.

Besides on-campus courses, the Winter and Summer offer travel study programs both abroad and within the U.S. (Read more about Study Abroad Programs in the "Opportunities to Enrich Your Undergraduate Education" chapter.) Special sessions also allow students to complete popular courses that may be in high demand during regular semesters. The Library, Student Centers, Housing and Dining Services, Carpenter Sports Building and other support services are active during special sessions. Cultural activities including films, concerts, bus excursions and lectures are also available.

Before the registration period for each special session, students receive booklets containing detailed information and course listings. Winter session booklets are available on the first day of Fall classes, and registration begins in mid October. Summer session registration typically begins in early April. For more information, call the Office of Special Sessions, (302) 831-2853, http://www.udel.edu/fanjoy/special-sessn.html

TEACHERS WHO TEACH

Among more than 1,000 faculty members at the University of Delaware, 87 percent hold the doctoral or terminal degree in their field. They hold office in national and international professional associations, they serve on scholarly editorial boards, including the board of the University of Delaware Press, and they are invited to lecture at institutions around the world. In any given year, faculty honors may include Guggenheim fellowships, Alexander von Humboldt-Stiftung awards, Fulbright fellowships, and election to the National Academy of Engineering (NAE) and the National Academy of Sciences. In 1998, for example, the College of Engineering boasted four NAE members, seven Presidential Young Investigators and eighteen named professorships.

Delaware faculty constantly strive to improve their performance

as teaching scholars. The University's Center for Teaching Effectiveness encourages professional development by annually awarding grants to faculty members who propose innovative strategies, such as incorporating new multi-media teaching technologies.

STUDENTS ARE OUR FOCUS

Students are the focus of the University's academic programs. In fall 2001, 20,499 students were enrolled, including 16,307 undergraduate students, 2,492 graduate students, and 1,700 students in the Division of Professional and Continuing Studies. Of the undergraduate total, 576 were enrolled in the University's Parallel Program with Delaware Technical & Community College.

Entering 2001 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.

Although Delaware class size can range from a minimum of one student (in independent study) to a large lecture class of 300, 64 percent of class sections have fewer than 30 students. Many members of the faculty, including distinguished professors, teach freshman-level courses, ensuring that students have early contact with eminent scholars. At the same time, the presence of able graduate students enhances undergraduate programs by providing educational models for students aspiring to advanced degrees.

OUR UNIQUE RESEARCH OPPORTUNITIES

While some institutions provide only limited research opportunities for undergraduates, a long-standing tradition at the University of Delaware encourages hands-on laboratory experience for students. Every year, an increasing number of undergraduates work with faculty researchers on independent-study and honors-degree projects, or as part of the Undergraduate Research Program. In 2001, for example, this program served about 500 undergraduates, who tackled projects ranging from the cardiovascular function of turtles to fusion-bonding of composite materials. (Be sure to read more about the Undergraduate Research Program in the "Opportunities to Enrich Your Undergraduate Education" chapter.)

Graduate students at Delaware make a major contribution to the University's objectives of creating, synthesizing, and disseminating knowledge. Through formal courses, seminars, independent studies, and research projects, students are introduced to existing knowledge in their fields and are provided with the principles and techniques for independent thinking and research. Some graduate students are supported under faculty research grants from outside agencies.

Campus-wide, the University conducts a wide variety of basic and applied research. Additionally, because the University cooperates with other research institutions, industry, major laboratories, and neighboring museums, students have access to an even wider range of advanced research facilities. Research funding is provided by federal grants, state and industrial contracts, foundation grants, University funds and other sources. The Delaware Research Partnership uses state funds to attract matching grants from industry in support of University research that promises to enhance the state's economic development. The University of Delaware Research Foundation (UDRF), a nonprofit foundation chartered in 1955 to support University research, awards grants in science and engineering to young faculty investigating promising ideas.

The University of Delaware Press, a nationally recognized scholarly press, publishes the work of authors in many fields, including that of faculty members at this University.

Read more about research opportunities in the chapter "Research Centers, Institutes, and Special Facilities."

COOPERATIVE PROGRAMS WITH OTHER INSTITUTIONS

Academic Common Market. The University of Delaware participates in the Academic Common Market, an agreement among 15 member states of the Southern Regional Educational Board (SREB). The agreement enables students to pursue unique majors offered at publically-funded institutions in the SREB states while paying in-state tuition. For more information on program benefits and participating states and institutions, contact the Southern Regional Educational Board, 592 10th St. N.W., Atlanta, GA 30318-5790; Phone: 404-875-9211; Fax: 404-872-1477; http://www.sreb.org/.

Biosphere 2/Columbia University. The University of Delaware has joined in a partnership with Biosphere 2, Columbia University's well-known center for environmental science and policy studies. Under the partnership, UD undergraduates may attend Biosphere's academic programs either for a full semester or in a variety of summer programs and earn credit toward their UD degrees. For more information, see the chapter "Opportunities to Enrich Your Undergraduate Education" in this catalog.

Henry Francis du Pont Winterthur Museum, Eleutherian Mills-Hagley Museum and Library, Longwood Gardens. The College of Arts and Science cooperates with the Henry Francis du Pont Winterthur Museum and the Eleutherian Mills-Hagley Museum and Library in providing graduate study in art conservation, early American culture, and American economic, technological, and business history. In the College of Agriculture and Natural Resources, a program in ornamental horticulture was initiated in September 1967 in cooperation with the Longwood Gardens.

Graduate students in the Early American Culture program work in the Henry Francis du Pont Winterthur Museum, which contains one of the largest collections of American art, including furniture, ceramics, textiles, folk art, silver, glass, and paintings. The Museum is open to Winterthur Fellows for museum training and to both fellows and staff for research.

ORAU. Since 1980, students and faculty of the University of Delaware have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 85 colleges and universities and a contractor for the U.S. Department of Energy (DOE) located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowship, scholarship, and research appointments; and to organize research alliances among its members.

For more information about ORAU and its programs, please visit the ORAU Home Page at http://www.orau.org/.

SURA. The University of Delaware is a member of Southeastern Universities Research Association (SURA), a consortium of 53 universities in 15 southeastern states and the District of Columbia. The organization's purpose is to serve as an entity through which colleges, universities, and other organizations may cooperate with one another and with government and other organizations in acquiring, developing, and using laboratories, machines, and other research facilities and in furthering knowledge in the physical, biological, and other natural sciences and engineering. Further information about SURA can be found on the World-Wide Web at http://www.sura.org.

KEEPING INFORMED AND INVOLVED

The Office of Alumni and University Relations conducts programs and activities for diverse constituencies, keeping our alumni connected to the rest of the University community. A number of major campus events, including Homecoming, Convocations and Commencements, New Student Convocation, Honors Day and the University's Performing Arts Series, are presented by this office.

The office serves as the liaison to the more than 115,000 alumni worldwide and to the Alumni Association and its board of directors. Additional alumni services include organization of annual class and special interest reunion activities, recognition ceremonies for outstanding alumni achievements, and a national alumni club program.

The office also serves as liaison to the Parents Association and its board and presents the annual Freshman Parents Weekend and Parents and Families Weekend and other parent programs.

RESEARCH CENTERS, INSTITUTES AND SPECIAL FACILITIES

- **Agricultural Experiment Station**
- **Bartol Research Institute**
- **Center for American Material Culture Studies (CAMCS)**
- **Center for Applied Coastal Research**
- **Center for Applied Demography and Survey Research (CADSR)**
- **Center for Applied Science and Engineering in Rehabilitation (ASEL)**
- **Center for Archaeological Research**
- **Center for Biomedical Engineering Research (CBER)**
- **Center for Catalytic Science and Technology**
- **Center for Climatic Research**
- **Center for Community Development and Family Policy (CCDFP)**
- **Center for Composite Materials (CCM)**
- **Center for Disabilities Studies (CDS)**
- **Center for Drug and Alcohol Studies**
- **Center for Energy and Environmental Policy (CEEP)**
- **Center for Historic Architecture and Design (CHAD)**
- **Center for International Studies (CIS)**
- **Center for Molecular and Engineering Thermodynamics**
- **Center for Remote Sensing**
- **Center for the Study of Marine Policy**
- **Center for Teaching Effectiveness**
- **Cooperative Extension System**
- **Delaware Biotechnology Institute**
- **Delaware Center for Teacher Education (DCTE)**
- **Delaware Education Research and Development Center**
- **Delaware Geological Survey**
- **Delaware Center for Transportation**
- **Disaster Research Center**
- **English Language Institute**
- **History Media Center**
- **Institute for Public Administration (IPA)**
- **Institute for Transforming Undergraduate Education (ITUE)**
- **Institute of Energy Conversion**
- **Mathematics & Science Education Resource Center (MSERC)**
- **Office of Educational Technology**
- **University of Delaware Press**
- **Water Resources Center**

The University maintains a number of research centers and institutes that focus on a variety of subjects relevant to advanced scholarly investigation of special interest to the faculty and the public. The research and activities of these special units greatly enhance the graduate program offerings at the University.

The University is also headquarters for such scholarly and professional organizations as the American Philosophical Association, the Mid-Atlantic Association of Museums, and the Urban Affairs Association.

AGRICULTURAL EXPERIMENT STATION

The Experiment Station serves as the research arm for the College of Agriculture and Natural Resources, conducting research, fundamental and applied, in all phases of agriculture and rural life. By performing this function, it not only contributes to increased and efficient production and to improved marketing of agricultural products, but it serves to stabilize production by developing practices and techniques designed to protect crops and livestock against diseases, pests, and certain physical forces of nature. A majority of the professors in the College of Agriculture and Natural Resources have appointments in the Experiment Station.

Students find many opportunities to work with these professors in independent study projects that introduce them to biological, economic, and engineering technology research in the agricultural disciplines.

BARTOL RESEARCH INSTITUTE

The Bartol Research Institute is a unit in the College of Arts and Science. It is housed in the H. Rodney Sharp Laboratory, a building that it shares with the Department of Physics and Astronomy. The primary function of the Institute is to carry out forefront scientific research, with a primary focus in physics, astronomy and space sciences. It also participates fully in the University's Joint Graduate Program in Physics and Astronomy.

Research areas in which Bartol is especially active include cosmic rays, the interplanetary medium, planetary magnetic fields, condensed matter physics, stellar physics, nuclear theory, elementary particle theory, particle astrophysics and cosmology. In addition to its laboratories on the Newark campus of the University, Bartol operates experimental facilities in Antarctica, Greenland and northern Canada.

Bartol also administers the NASA Space Grant College Program, a consortium of ten institutions of higher learning in the region. Detailed information on Bartol's various research programs as well as undergraduate and graduate research opportunities can be found at the Institute's web site www.bartol.udel.edu.

CENTER FOR AMERICAN MATERIAL CULTURE STUDIES (CAMCS)

The Center for American Material Culture Studies (CAMCS) builds on the University of Delaware's distinguished international reputation in the interdisciplinary study of American material and visual culture. The Center for American Material Culture Studies promotes the learning from and the teaching about all the objects and images people make and the ways people act upon the physical and visible world. Through the Center, students and teachers examine material objects as living artifacts, as texts and contexts, to better imagine, interpret, and appreciate the world we inhabit; experience American material and visual culture in a dynamic learning, teaching, research, and public service environment; participate in seminars, field-based research ventures with institutional partners and state, regional, and national organizations; and contribute to the national effort in documentation, interpretation, preservation, and teaching of American material and visual culture. The Center offers an interdisciplinary minor and internships for undergraduates, a January international study trip for a selected group of graduate students, competitive graduate student research assistantships, and signature courses in material culture, design history, and visual culture. The Center's programs reach in to its University partners ranging from the humanities to the performing and studio arts, and reaching out to the larger public and scholarly community.

CENTER FOR APPLIED COASTAL RESEARCH

Established in 1989 within the Department of Civil and Environmental Engineering, the Center for Applied Coastal Research offers one of the nation's foremost graduate programs in coastal and ocean engineering, leading to both master's and doctorate degrees. To achieve its mission to maintain an intercollege regional center for research in coastal and nearshore problems, the center provides state-of-the-art research equipment and prompt technology transfer of knowledge to industry and government. Center participants provide a wide range of expertise and include members of the Civil and Environmental Engineering faculty, as well as individuals from the Department of Geology, the College of Marine Studies, the Stevens Institute of Technology, the U.S. Naval Academy, Cornell University, University of Rhode Island, Penn State, and Drexel University. For more information, please see www.coastal.udel.edu.

CENTER FOR APPLIED DEMOGRAPHY AND SURVEY RESEARCH (CADSR)

The Center for Applied Demography and Survey Research (CADSR), part of the College of Human Services, Education, and Public Policy, functions in three basic ways:

- as a subcontractor to University faculty and professional staff members who hold research contracts;
- as a prime contractor to other units of the University, to federal, state, and local government agencies, and to private firms;
- as an archive of numerous local and national data bases.

CADSR is organized to provide the following types of services: (1) sample and questionnaire design, (2) data collection and survey management, (3) coding, editing, and data entry, (4) software development and access to package programs, and (5) archive and dissemination. Together these services form a complete package that can be offered in part or as a whole to the client. For more information, please see www.cadsr.udel.edu.

CENTER FOR APPLIED SCIENCE AND ENGINEERING IN REHABILITATION (ASEL)

The Center for Applied Science and Engineering in Rehabilitation (ASEL) is an internationally recognized interdisciplinary center comprising laboratories devoted to activities linking science, technology, and disability. The center conducts basic and applied research leading to the development of technologies for people with disabilities, evaluates the effectiveness of tools and techniques in increasing functional abilities, fosters innovation in effective use of and promotes access to technology applications for persons with disabilities, and disseminates outcomes stemming from center activities. Current research projects investigate: 1) new communication devices that employ artificial intelligence and natural language processing; 2) alternative representations of language (e.g., graphics and animation); 3) new speech interfaces for communication; 4) computer tutoring systems for speech and writing; 5) biomechanical devices for restoring/augmenting motor function. Other projects address the availability and effective use of assistive technologies; these include the operation of Assistive Technology Resource Centers in each of Delaware's counties, policy initiatives aimed at improving access to and funding for devices and services, and training and technical assistance efforts promoting technology use at home, in school, at work, and in the community. Outcomes of Center activities are disseminated through publications, a website, meetings, and targeted technical assistance at the local, state, national, and international levels. For more information, please see www.asel.udel.edu.

CENTER FOR ARCHAEOLOGICAL RESEARCH

The Center for Archaeological Research is part of the Department of Anthropology in the College of Arts and Science. With its focus on the prehistoric and historic archaeology of the Middle Atlantic states of Delaware, Maryland, Virginia, Pennsylvania, and New Jersey, the center provides opportunities for undergraduate and graduate students to participate in archaeological fieldwork and laboratory analysis through field schools and sponsored research programs. Research activities of the center have been sponsored by a number of state and federal agencies. Current sites under study range from a 10,000-year-old Paleo-Indian hunting camp in Southern Delaware to a 3,000-year-old Woodland period hamlet in central Delaware, to a mid-17th century plantation on the Eastern Shore of Maryland, to mid-19th century tenant farms in Northern Delaware. Opportunities for multidisciplinary research are available and include applications of remote sensing in archaeology (Center for Remote Sensing) and paleoenvironmental studies (Department of Geology). For more information, please e-mail jcuster@udel.edu.

CENTER FOR BIOMEDICAL ENGINEERING RESEARCH (CBER)

The Center for Biomedical Engineering Research (formerly known as OBEC, the Orthopedic and Biomechanical Engineering Center) is an interdisciplinary center whose mission is to provide engineering

science and clinical technology to reduce the impact of disease on the everyday life of individuals. It was created to provide an appropriate forum and infrastructure to promote the interaction of researchers from the university and the medical community. As such, it serves as a research umbrella under which researchers from a variety of fields can work together and interact. CBER builds on a history of interaction between the A.I. duPont Institute, the Department of Mechanical Engineering, the Department of Physical Therapy, and the Sports Science Laboratory. The A.I. duPont Institute is a modern children's hospital that has extensive clinical and diagnostic facilities. In addition, research collaboration has been established with several other hospitals and medical facilities. Through the Department of Mechanical Engineering, CBER researchers have access to an array of computer hardware and software, a variety of mechanical testing equipment, and a complete machine shop. The Sports Science Laboratory houses a state-of-the-art motion analysis facility complete with 4 high-speed cameras, 2 multi-axis force plates, an EMG telemetry unit, and a variety of computer and ancillary equipment. The laboratory can be configured to study almost any type of motion. The Motion Analysis Laboratory in the Physical Therapy Department is similarly equipped with a VICON-based system. Presently, a number of research topics are being addressed. Several examples are: a study of knee ligament injuries, design and control of robotic manipulators for the disabled, position and force measurements during athletic activities, characterization of neuromuscular mechanisms for knee-joint stability, evaluating the effects of surgery on gait, lung deposition of aerosol particles, testing of surgical and protective devices, modeling the fatigue properties of skeletal muscle, and design of an advanced composite hip replacement. For more information, please see www.cber.udel.edu.

CENTER FOR CATALYTIC SCIENCE AND TECHNOLOGY

The center educates graduate and undergraduate students in catalytic science and engineering in a laboratory that includes postdoctoral fellows and visiting scholars from industry and other universities. Center research involves reaction engineering, surface science, materials preparation, modeling, and surface characterization. Other work is directed toward disseminating knowledge of state-of-the-art catalysis research through preparation of short courses, textbooks, research publications, software, special seminars, and presentations at technical meetings. Students under center auspices may complete research required for the master's or Ph.D. degree in chemical engineering, in chemistry, or Materials Science and Engineering. For more information, please see www.che.udel.edu/ccst.

CENTER FOR CLIMATIC RESEARCH

Established in 1978, the University-wide Center for Climatic Research is an interdisciplinary center dedicated to bringing together scientists from around the University with interests in both basic and applied climatology in collaborative research. The Center emphasizes the University's commitment to developing meaningful research in climatology and serves as an organization to attract external funding. At present, nine faculty, three research scientists, and twenty-five graduate students are affiliated with the Center, which is housed entirely within the Department of Geography. Within the Center is an international center, sponsored by the World Meteorological Organization, dealing with issues on health and climate issues, the Office of the Delaware State Climatologist, and the future Delaware Environmental Observing System. NASA, NOAA, NSF, NIGEC, and numerous state agencies and local municipalities have funded research within the Center. Current research emphases include studies on real-time monitoring and historical reconstruction of hydrometeorological conditions, Antarctic sea-ice, development of heat-related health indices, influences on Arctic permafrost, studies of global climatic changes, the impact of the land surface on climate, relationships between snow cover and weather patterns, the hydroclimatology of South America, and glacier energy and mass budgets. For more information, please see our webpage at www.udel.edu/Geography/CCR.

CENTER FOR COMMUNITY DEVELOPMENT AND FAMILY POLICY (CCDFP)

The Center for Community Development and Family Policy (CCDFP), part of the College of Human Services, Education, and Public Policy, focuses on those aspects of social policy that are related to the distribution of social and economic opportunity and well-being among individuals, families and communities. CCDFP provides opportunities for graduate and undergraduate students to pursue interdisciplinary research in the areas of local and community-based social and economic development, housing, poverty, crime, urban and neighborhood planning and governance, family theory, family support and empowerment, family legal and policy regulation, and the utilization of nonprofit and private resources for community development and nonprofit leadership.

CCDFP supports graduate instruction and conducts research, training, and technical assistance in a highly interrelated and mutually supporting manner for the fourfold purpose of 1) generating knowledge about the nature and causes of poverty and inequality, 2) preparing graduate and undergraduate students and practicing professionals to become effective agents of positive social change, 3) aiding communities, nonprofit organizations and public agencies in the design and application of policies and programs which address the needs of lower-income persons, and 4) disseminating knowledge and skills that will improve the capacity of public, nonprofit and private organizations to address problems of poverty and inequality.

CENTER FOR COMPOSITE MATERIALS (CCM)

Founded in 1974, the Center for Composite Materials (CCM) is an internationally recognized, interdisciplinary center of excellence for composites research and education. The Center is dedicated to educating scientists and engineers, conducting basic and applied research, and developing and transitioning technology for the composites community. Supporters include a variety of national and international companies, federal agencies, and the State of Delaware.

More than 25 faculty members, and 60 graduate and undergraduate students are currently affiliated with CCM through the College of Engineering, the Departments of Physics and Astronomy and Chemistry and Biochemistry, and the College of Business and Economics. While CCM plays an active role in education, degrees are earned through the academic programs of the various affiliated colleges, not through CCM. Students should consult the departments in which they are interested for information on degree programs and application requirements.

CCM has developed core competencies in a number of composites science and engineering areas, including liquid molding, textile preforming, novel thermoset processing, thermoplastic processing, joining, interphase science, sensing and control, and cost modeling. Application areas include the traditional aerospace and automotive industries as well as a growing initiative for composites for infrastructure repair, rehabilitation, and construction. The current research program addresses five broad theme areas: materials and synthesis, mechanics and design, processing science, sensing and control, and performance. CCM's 34,000-square-foot Composites Manufacturing Science Laboratory houses state-of-the-art fabrication, characteriza-

tion, testing, and computational equipment.

Students at all levels are active participants in interdisciplinary CCM research teams; in addition to a solid grounding in the fundamentals, composites students at the University of Delaware are exposed to practical insights into real-world engineering problems. They also have the opportunity to interact with visiting students, faculty, and researchers from industry, government agencies, and universities throughout the world. Both graduate and undergraduate students gain valuable experience in documenting their work in conference proceedings, journals, and even patents.

CCM has a unique collaboration with the University's Undergraduate Research Program that promotes cross-disciplinary education. Students may participate through the University's Science and Engineering Scholars Program, CCM's summer internship programs, CCM Senior Research Fellowships, or employment as an Undergraduate Research Assistant during the academic year.

Detailed information about CCM's various research programs and opportunities for graduate and undergraduate students can be found at CCM's web site www.ccm.udel.edu.

CENTER FOR DISABILITIES STUDIES (CDS)

The Center for Disabilities Studies (CDS), part of the College of Human Services, Education, and Public Policy, focuses its efforts on improving the quality, quantity, and range of public and private services and supports available in Delaware for individuals with disabilities and their families. Through research, advocacy, and service activities, CDS increases the capacity of individuals, agencies and organizations to provide quality services; promotes systemic improvements in policy and service delivery; and builds collaborative relationships with other organizations that enable people with disabilities to achieve their personal goals of greater independence, productivity and participation in their communities.

Working with faculty from many disciplines, CDS supports an 18-credit undergraduate minor in disabilities studies and a graduate level certificate course offered during the summer. CDS also offers opportunities for both undergraduate and graduate students to work with faculty and staff on special projects. For more information, please see www.udel.edu/chep/cds.

CENTER FOR DRUG AND ALCOHOL STUDIES

The Center for Drug and Alcohol Studies was established at the University of Delaware in 1991 to facilitate collaborative research and publishing on substance abuse among social and behavioral science faculty, professional staff, and students. Administered by the University's Department of Sociology and Criminal Justice, the center is funded primarily through sponsored research grants and contracts.

The principal mission of the Center for Drug and Alcohol Studies is the production, dissemination, and utilization of scientific knowledge in two broad areas:

- the etiology, patterns and consequences, and prevention and treatment of drug and alcohol abuse; and,
- the epidemiology of HIV/AIDS and other sexually transmitted diseases, and the prevention of HIV disease among high-risk populations.

Other center objectives include:

- training graduate and undergraduate students in substance abuse research and associated quantitative and qualitative methods;
- serving as a substance abuse research information repository for students and colleagues seeking statistical and ethnographic data for secondary analysis;
- providing technical assistance to colleagues and local agency personnel seeking federal grant support for prevention and treatment programs;
- sponsoring lecture and colloquia series, workshops, and conferences for members of the University community, the substance abuse and AIDS fields, and the public at large.

CENTER FOR ENERGY AND ENVIRONMENTAL POLICY (CEEP)

The Center for Energy and Environmental Policy (CEEP), part of the College of Human Services, Education, and Public Policy, conducts interdisciplinary research and supports graduate study on the interlocking issues of energy, environment and development. Work in CEEP is guided by theories of political economy and technology, environment and society. Research programs currently organized in CEEP include comparative energy and environmental policy, environmental justice, global environmental change, energy efficiency and renewable energy applications, water conservation and management, and sustainable development strategies.

CEEP is composed of an internationally diverse faculty, professional staff, and graduate student body with backgrounds in a variety of disciplines including political science, economics, geography, philosophy, environmental studies, and engineering. In conjunction with its research program, center faculty work closely with graduate students, supervising internships, theses, and dissertations. Graduate areas of specialization in technology, environment and society, and energy and environmental policy are supported at the master's and doctoral levels.

CEEP faculty and staff are general editors of an annual book series entitled Energy and Environmental Policy and serve as advisors to the Chinese State Environmental Protection Agency, the Korea Federation of Environmental Movements, the India Renewable Energy Development Agency, and the U.S. National Renewable Energy Laboratory. CEEP also provides technical assistance to international, federal, state and local institutions. CEEP has research and exchange agreements with European, Latin American, African, and Asian universities and research institutes. For more information, please see www.udel.edu/ceep.

CENTER FOR HISTORIC ARCHITECTURE AND DESIGN (CHAD)

The Center for Historic Architecture and Design (CHAD), part of the College of Human Services, Education, and Public Policy, addresses issues related to historic preservation through an integrated, interdisciplinary program of research and public service focusing on historic architecture and landscapes; design issues of the built environment and material culture; documentation of historic properties and computer applications to documentation; research on the physical properties of cultural and historic materials; historic preservation planning and policy at national, state, and local levels; and advocacy for historic resources. CHAD also supports undergraduate study in historic preservation through the Department of Consumer Studies and graduate study in historic preservation at both the master's and doctoral levels through the School of Urban Affairs and Public Policy and in conjunction with other cosponsoring departments and programs. CHAD manages the Laboratory for the Analysis of Cultural and Historic Materials and is a cosponsor of the Historic Costume Collection managed by the Department of Consumer Studies.

In addition to the Department of Consumer Studies and the School of Urban Affairs and Public Policy, CHAD is co-sponsored by the departments of Art Conservation, Art History, Geography, and History as well as the Program in Museum Studies and the Winterthur Program in Early American Studies in the College of Arts and Science and the departments of Civil and Environmental Engineering and of Mechanical Engineering in the College of Engineering.

CENTER FOR INTERNATIONAL STUDIES (CFIS)

The Center for International Studies is the principal administrative unit dedicated to the internationalization of all elements of the University of Delaware community. It promotes and supports faculty and staff involvement in international teaching, research, service, grant development, and other professional activities. It promotes and supports student involvement in international issues by developing and managing university study abroad programs, sponsoring numerous speakers and lectures on international issues and themes, providing support for international undergraduate research, and working with academic units to further international education on campus. The Center also provides all colleges and departments with direct support in the development of institutional agreements to help develop international linkages and collaborative activities. It seeks to advance a broad international agenda in all aspects of university life, exemplified by the University's *America and the Global Community* initiative. Some of the Center's ongoing activities include:

- 65 study abroad programs to over 30 countries annually, with 1000+ UD students participating
- Undergraduate and graduate exchange programs with numerous institutions overseas
- The International Travel Award program (supporting faculty travel to international conferences)
- The International Research Award program (supporting faculty research of an international nature)
- The *America and the Global Community* speaker's series
- Managing ongoing grants from the U.S. Agency for International Development and other funding agencies for development projects
- Conducting ongoing research regarding the status and scope of international activities at the University of Delaware
- Working with academic departments and colleges to increase the number of curricular offerings with international content and to expand and improve existing area studies programs.

As a service to the State of Delaware and the local community the Center also works closely with numerous local public and civic organizations, as well as the private sector, to help nurture a community of citizens that is aware of, and responsive to, the opportunities and challenges of today's interdependent world.

For more information, please contact Dr. Lesa Griffiths, Director, CFIS, at (302) 831-2852, or visit the CFIS website at: www.udel.edu/IntlProg/index.html.

CENTER FOR MOLECULAR AND ENGINEERING THERMODYNAMICS

Thermodynamics is at the very center of chemical engineering practice. The Center for Molecular and Engineering Thermodynamics, CMET, a research unit within the Department of Chemical Engineering with Center faculty and students also in the physics, chemistry and biochemistry departments, serves as a focal point stimulating collaborative experimental and theoretical research and encouraging the development of new educational materials, textbooks, monographs, and regular and short courses, in all areas of thermodynamics, and also maintains state-of-the-art thermodynamics laboratories.

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. Current projects involve studies of applied and statistical thermodynamics, quantum and computational chemistry including the use of supercomputers, the measurement of vapor-liquid equilibrium, environmental thermodynamics, the thermodynamic properties of polymeric materials and proteins, structure and phase behavior of complex fluids, surfactants and colloid science, transport phenomena, high-temperature aqueous solutions, and thermodynamic properties of biological compounds. Of special interest are applications to the purification of pharmaceuticals and other biological materials.

The Center's laboratory facilities provide students access to and training in the operation of modern equipment including supercomputers, surface forces apparatus, laser light, x-ray and neutron scattering, various spectroscopic techniques, and a wide variety of equipment for the measurement of phase equilibria and physical properties.

Through their involvement in research for their thesis projects, graduate students associated with the Center for Molecular and Engineering Thermodynamics earn either a Master's or Ph.D. degree in chemical engineering, chemistry or physics. For more information, please see www.che.udel.edu/cmet.

CENTER FOR REMOTE SENSING

The Center for Remote Sensing serves as a focal point for basic and applied research on remote sensing of the physical and biological properties of the oceans and the coastal zone. The Center specializes in interdisciplinary research and training, with emphasis on coastal processes, marine resources, and ocean-atmosphere coupling. Ships, aircraft, and satellites equipped with multispectral, infrared, and microwave sensors are used for gathering data. Advanced computer systems are employed to analyze and enhance the satellite imagery. In addition to course work, graduate students write theses or dissertations on satellite oceanography, global climate change, local impact of sea-level rise, optical physics of coastal waters, wetland productivity and health, pollutant drift and dispersion, and application of remote sensing and GIS to coastal resource management. This research is supported by the federal and state agencies as well as commercial firms and private foundations. The Center has conducted coastal and ocean studies in various parts of the world and has provided training to more than 300 scientists and students from the U.S. and 23 foreign countries. For more details, call Dr. Vic Klemas, Director, Center for Remote Sensing, at (302) 831-8256 or Dr. X.-H. Yan, Associate Director, at (302) 831-3694.

CENTER FOR THE STUDY OF MARINE POLICY

Since 1973, the Center has conducted research on a wide range of marine and environmental policy subjects at international, national, regional, and local levels; organized conferences and publications; provided policy advice to government agencies and other entities; and hosted postdoctoral visitors. Research at the Center is carried out by its co-directors in association with other marine policy faculty, other UD natural and social scientists, scholars at other universities, postdoctoral fellows, and graduate research assistants.

Examples of research: International environmental negotiations related to the 1992 Earth Summit; implementation of Earth Summit agreements on global climate change, biodiversity, integrated ocean/coastal management, sustainable development of island states and inter-jurisdictional fisheries; policy opportunities and constraints facing the environmental technology industry; conceptual framework for multiple-use ocean management; regional approaches to ocean management; policy issues in marine biotechnology; impacts of sea-level rise in coastal communities; design for national ocean policy; ocean/coastal management issues in the Mid-Atlantic; development of a policy framework for governing offshore marine aquaculture; remote sensing and managing ecosystem health; coastal erosion policies for Delaware.

The Center provides a variety of policy analysis and scientific advice services to governmental and non-governmental entities such as the World Bank; Intergovernmental Oceanographic Commission; the Inter-American Development Bank, the Department of Interior; the States of Delaware and Hawaii; NOAA's National Ocean Service; the National Research Council; the US Country Studies Program; Coastal States Organization; and the Maritime Administration, among others.

Special Programs with other institutions

Secretariat to the Ocean Governance Study Group: A network of leading marine policy scholars and advisors that conducts scholarly analyses and organizes conferences, publications, and briefings on options for improving ocean governance in the United States and internationally.

Cooperative Exchange Programs: 1) the North American Partnership in Marine Policy/Coastal Zone Management Education, an exchange program among selected higher education institutions in Canada, Mexico, and the U.S.; and 2) the U.S./Europe Consortium, an exchange program involving six university partners and seven other partners in the U.S. and Europe representing government, non-governmental organizations and the private sector, all expert in the area of marine policy and coastal management.

Intergovernmental Oceanographic Commission (IOC), UNESCO. The Center is collaborating with IOC in implementation of an IOC program in integrated coastal management, in a global web service on ICM, and in the conduct of a number of capacity building efforts in various countries.

Marine Affairs and Policy Association. The Center played a leadership role in the formation of this professional association to promote education and research in the marine policy field.

International Center for Coastal & Ocean Policy Studies. Close collaboration exists with ICCOPS in following the implementation of UNCED agreements.

Publications: The Center's extensive program of publications and conferences includes the international journal *Ocean & Coastal Management,* published 12 times a year by Elsevier Publishers in Oxford, England. Newsletters published by CSMP include *Ocean & Policy Network News, Exchange News, US/Europe Connections,* and *the Coastal Courier.*

Conferences: The Center regularly hosts conferences and workshops and sponsors a speaker program.

CENTER FOR TEACHING EFFECTIVENESS (CTE)

The Center for Teaching Effectiveness (CTE) promotes the enhancement of learning and teaching at the University. CTE is a University-wide unit that supports faculty, administrators, and staff in their instructional activities. Specifically, the Center provides a range of free and confidential instructional services to help all members of UD's teaching community in the ongoing improvement of the teaching and learning process. The Center's services reflect the multiple ways in which teaching and learning can be enhanced. They include instructional consultations, classroom observations, assistance in developing measures for assessment of instructional and curricular innovation, and support for the implementation of instructional projects. CTE also organizes an annual conference for first-time graduate teaching assistants (TAs), coordinates teaching conferences, workshops and colloquia; publishes and disseminates materials on instructional practices and improvement; serves as a liaison with University committees, task forces, and units involved in instructional support; and administers an annual grant program for instructional improvement.

The Center is funded by the Office of the Provost. CTE is part of the Office of Undergraduate Studies and is housed in Gore Hall. CTE staff are involved in presenting and publishing research in their academic fields. They also serve on committees and task forces both in their professional organizations and at UD. For further information, refer to www.udel.edu/cte.

COOPERATIVE EXTENSION SYSTEM

The Delaware Cooperative Extension System is part of a nationwide system whose mission is to enable people to improve their lives and communities by developing learning partnerships that put knowledge to work. It serves as an educational resource to the people of Delaware for extending research results and advances in technology and is administered through the College of Agriculture and Natural Resources.

A major thrust of the Cooperative Extension system is to target programs to address critical issues. The accelerating expansion of technology, the deteriorating economic situation in portions of the agricultural sector, and the dynamic social conditions faced by many Americans, rural and metropolitan, require Extension to reassess priorities and continuously adapt programs and activities to meet needs.

Undergraduate students find opportunities to work with Extension to gain practical experience in dealing with the public and in providing information to the public on a wide variety of agriculturally related topics.

DELAWARE BIOTECHNOLOGY INSTITUTE

The Delaware Biotechnology Institute has been created to develop a biotechnology center of excellence in Delaware. The Institute is a partnership involving state government, the publically-funded institutions of higher education (Delaware Technical & Community College, Delaware State University, and the University of Delaware) and area industry whose business interests are in some way impacted by the technologies of the life sciences.

The mission of the Institute is to promote economic development, create high quality jobs, promote biotechnology-based education, and engage in leading-edge scientific discovery. To carry out the scientific discovery mission, a multidisciplinary and interactive research facility has been built and is now operational. The core disciplines will be Molecular Biology, Genomics, Computational Biology/Computer Science, Proteomics/Structural Biology, System Modeling and Simulation, and Biomaterials. To execute the educational mission, new academic programs are being developed at University of Delaware partner institutions throughout the state, ranging from an associate degree program to graduate level study. For more information, please contact the Institute at (302) 831-4888. For more information, please see www.dbi.udel.edu.

DELAWARE CENTER FOR TEACHER EDUCATION (DCTE)

The Delaware Center for Teacher Education (DCTE), part of the College of Human Services, Education and Public Policy, strengthens both pre-service and in-service teacher education, improves access for the education community to the University's teacher education and professional development programs, and supports the state's efforts to enhance teachers' professional development in line with state content standards and accountability requirements. In addition to administering the Alternative Routes to Teacher Certification program, the First State Service Corps, the Delaware Teacher Recruitment Program and providing staff support for the Delaware Mentoring Council, DCTE includes the following units, described in the chapter on Undergraduate Programs in the College of Human Services, Education and Public Policy: Office of Teacher Recruit-

ment; the Education Resource Center; the Office of Clinical Studies; and the Office of School to Work. Three professional development projects are housed in DCTE: the Delaware Writing Project, the Delaware Reading Project, and the Delaware Social Studies Education Project. For further information about DCTE, call (302) 831-3000 or visit the web site at www.udel.edu/dcte.

DELAWARE EDUCATION RESEARCH AND DEVELOPMENT CENTER

The Delaware Education Research & Development Center, part of the College of Human Services, Education, and Public Policy, provides research services and support to assist educators in policy analysis and program evaluation. The R&D Center's primary mission is to inform thinking and action in Delaware education through conduct and dissemination of both local and national educational research. To this end, the R&D Center provides information about the condition of educational systems in the state as well as provides research support to further educational reform in Delaware. For further information, e-mail ud-rdc@udel.edu, call (302) 831-4433 or see www.rdc.udel.edu

DELAWARE GEOLOGICAL SURVEY

The Delaware Geological Survey 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 the need for practical applications of geology 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 a number of state agencies, and the Survey serves, by statute, as the state's cooperator with such federal units as the U.S. Geological Survey, 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. The new Delaware Geological Survey Building was completed in 1989. Because of its proximity to Penny Hall and the Department of Geology, students may benefit from association with Survey geologists and their research projects. In addition, some of the geologists participate in teaching programs and may serve on graduate student committees.

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. Many publications are available on the web. For further information, contact the Survey or the DGS Earth Science Information Center at (302) 831-2833, by E-mail at: delgeosurvey@udel.edu, or on the web at www.udel.edu/dgs.

DELAWARE CENTER FOR TRANSPORTATION

The Delaware Center for Transportation (DCT), part of the Department of Civil and Environmental Engineering, is a joint venture between the University of Delaware and the Delaware Department of Transportation (DelDOT) that provides a university-wide multidisciplinary program of transportation-related research and educational and instructional activities. DCT identifies research opportunities with DelDOT and others. The mission of DCT is to improve the movement of people, goods and ideas within, to, and through the State of Delaware, the mid-Atlantic region, the nation, and the world through research, development, and education.

DISASTER RESEARCH CENTER

The Disaster Research Center (DRC), the first center of its kind in the world, was established at Ohio State University in 1963 and relocated to the University of Delaware in 1985. DRC engages in sociological research on individual, community, and organizational preparation for, response to, and recovery from natural and technological disasters. Since its inception, DRC teams, mostly made up of graduate students supported by the Center, have undertaken more than 600 different field studies, including a number outside the United States. In addition to graduate research assistantships, DRC also provides hands-on research training for undergraduates and supports postdoctoral scholars seeking advanced social science training in the field of hazards and disasters. Current funding is provided by the National Science Foundation, the Federal Emergency Management Agency, and the Multidisciplinary Center for Earthquake Engineering Research. The resource collection of the center, numbering over 40,000 items, is the world's most complete collection on the social and behavioral aspects of disasters. More information about DRC, including its list of available publications, can be obtained by consulting the DRC web site at www.udel.edu/DRC.

ENGLISH LANGUAGE INSTITUTE

The University of Delaware English Language Institute (ELI) is an academic unit of the College of Human Services, Education, and Public Policy. The ELI provides English instruction to students and business professionals who wish to improve their language skills for university study or for career enrichment. The ELI's intensive daytime program includes four tracks of study: business, academic, cultural, and general English classes. ELI services include university and college placement, housing, host family programs, language partners, and cultural activities.

Special offerings include a law program, a Pre MBA program, an executive English program, and an EFL teacher training program. The Institute also provides individual tutoring, computer assisted learning, a testing preparation course focusing on skills and strategies for language proficiency sections of such tests as the TOEFL and the GMAT, and community evening classes. The ELI manages the ITA program, which provides testing and training for the University of Delaware International Teaching Assistants.

The program is fully accredited by the Commission on English Program Accreditation, and is ranked among the top English as a Second Language (ESL) programs in the United States.

For more information, please see www.udel.edu/eli.

HISTORY MEDIA CENTER

The Center provides history graduate students and history education students with the use of, and instruction in, electronic media for teaching and research. The Center's resources include: computers and scanners for the electronic manipulation of images; pre-recorded video-tapes; and 190,000 slides covering images in American, European, and World history.

INSTITUTE FOR PUBLIC ADMINISTRATION (IPA)

The Institute for Public Administration (IPA), part of the College of Human Services, Education and Public Policy, links the resources of the University of Delaware with the management and policy information needs of public and nonprofit organizations in the Delaware Valley. IPA has a 29-year legacy of providing innovative expertise and assistance to local, state, and regional governments. Housed under IPA, the Conflict Resolution Program, Water Resources Agency, and the International Union of Local Authorities (IULA) Office for Research and Training increase the breadth of its outreach.

IPA faculty, staff, and graduate students work closely with administrators and elected officials on a variety of public policy issues. Ongoing focus areas include legislative research and development, public finance, water resource management, municipal planning and land use, leadership, economic development, and education management. IPA also offers workshops, forums, certificate programs, and professional training seminars.

IPA manages the student internship program for the College's School of Urban Affairs and Public Policy. Under this program, graduate students have completed internships in government, non-profit, and private agencies. The Legislative Fellows program, also managed by IPA, offers qualified undergraduate and graduate students the opportunity to assist legislators through non-partisan research of critical issues such as educational reform, land use planning, and environmental concerns. For further information, call (302) 831-8971 or visit the IPA web site www.ipa.udel.edu.

INSTITUTE FOR TRANSFORMING UNDERGRADUATE EDUCATION (ITUE)

The Institute for Transforming Undergraduate Education (ITUE) is committed to continuous improvement of undergraduate education through faculty development and course design. ITUE actively promotes the development of critical thinking, problem-solving, communication, and teamwork skills in our students. To meet these goals, ITUE advocates effective use of instructional technology combined with active learning strategies, including problem-based learning. Undergraduate students at UD benefit directly from the reform activities of ITUE, a nationally recognized leader in bringing problem-based learning to the undergraduate curriculum.

ITUE Faculty Fellowships are awarded annually following a review of applications in early spring. During a week-long session, Faculty Fellows receive hands-on experience in employing active learning and web-based approaches. In addition, Fellows receive small grants to help facilitate their course transformations. Additional follow-up sessions are scheduled throughout the academic year.

For further information, please contact George Watson (302) 831-0740 or Barbara Duch (302) 831-2066; e-mail: udituee@udel.edu or visit www.udel.edu/itue.

INSTITUTE OF ENERGY CONVERSION

The Institute of Energy Conversion (IEC), established in 1972, 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 23 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 jointly supervise graduate students in Chemical Engineering, Electrical and Computer Engineering, Materials Science and Engineering, Mechanical Engineering, and Physics for their Master's and Ph.D. degrees. Additionally, professional staff lecture in undergraduate courses as well as supervise undergraduate research projects. For more information, please see www.udel.edu/iec.

MATHEMATICS & SCIENCE EDUCATION RESOURCE CENTER (MSERC)

The Mathematics & Science Education Resource Center (MSERC), part of the College of Human Services, Education, and Public Policy, exists to help Delaware's K-12 mathematics and science teachers implement new content and performance standards in their classrooms. MSERC serves as an information center for mathematics and science education activities, both within the University and throughout the state, and plans and offers a professional development program for K-12 mathematics and science teachers.

Through MSERC Delaware teachers have access to the latest curricular materials, the latest software and technology, and the latest assessment tools, as well as to expertise in all these areas, on a year-round basis. MSERC's professional development programs are scheduled so that teachers can attend easily (some are held in public schools) and are sequenced so that teachers can begin at a point appropriate to their experience and their pupils' needs.

MSERC also collaborates with local school districts, the Department of Education, and other agencies and groups dedicated to enhancing mathematics and science education in Delaware. For more information, please see www.udel.edu/mserc.

OFFICE OF EDUCATIONAL TECHNOLOGY (OET)

The Office of Educational Technology (OET) supports instructional and desktop computing across CHEP; provides technological leadership to academic programs throughout CHEP and the teacher education programs in CHEP and across campus; and offers contract- and grant-supported services for technology integration to partners in CHEP initiatives, such as K-12 schools, non-profit groups and government agencies. OET sponsors two annual programs: the Summer Institute in Educational and Assistive Technologies for inservice K-12 teachers and the New Arc Academy for 4th to 7th grade students with a focus on math, science and technology. For more information, visit the web site at www.udel.edu/oet.

UNIVERSITY OF DELAWARE PRESS

The University of Delaware Press publishes books in many scholarly fields and disciplines. These books reach a world-wide intellectual and academic community. Presently its major strengths are in literary studies, art history, interdisciplinary studies of the family, and history, including the life and culture of Delaware and the Eastern Shore. The press offers assistantships to qualified graduate students and internships to qualified undergraduates. These students work with the chair of the editorial board and the managing editor to learn the day-to-day operations of a scholarly press. Students typically work 5-10 hours a week, as the budget allows, and may represent the press at annual conventions and meetings of scholars and academics. Interested students and contributors should contact the chair, Dr. Donald C. Mell, University of Delaware Press, 326 Hullihen Hall, telephone (302) 831-1149 or visit the web site at www.udpress.udel.edu/udpress.

WATER RESOURCES CENTER

The federally created center supports research through the academic departments on the water-related problems of Delaware. Faculty in agriculture, engineering, and the physical and social sciences conduct research on water supply, water quality control and management, and water resources planning. Grants are awarded to faculty on a competitive basis, and graduate students may be supported as research assistants or interns. Traditionally, more than half of the research funds have been used for student support. For more information, please see http://ag.udel.edu/dwrc or contact the director of the Water Resources Center, Dr. Tom Sims, jtsims@udel.edu.

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  - **UD Summer College**
  - **The Classic Upward Bound Program**
  - **The Upward Bound Math/Science Program**

TAKE COURSES THROUGHOUT THE STATE

Primarily for Delaware resident undergraduates, the University of Delaware Parallel Program is made up of three satellite campuses of the University located at Delaware Technical & Community College sites in Dover, in Georgetown, and in Wilmington. The program is the responsibility of the Associate Dean for Academic Affairs in the College of Arts and Science. For information, call (302) 571-5395.

Parallel students are full citizens of the University:

- They receive University of Delaware identification cards, entitling them to all academic, cultural, and recreational privileges that Newark campus students enjoy.
- They may participate in all activities that Newark students do—musical groups, theatre productions, clubs, and intramural sports. Because of an NCAA residency requirement, however, Parallel students may not participate in NCAA-sanctioned sports.
- Their courses are University of Delaware courses taught by University of Delaware faculty. Students taking Microeconomics, for example, use the same text and syllabus and take the same exams no matter what campus they are on—Newark, Dover, Georgetown, or Wilmington. And many Parallel faculty teach on the Newark campus as well as on the Parallel campuses.
- If they meet the requirements of the major, Parallel Program students may be admitted into any major offered by the College of Arts & Science. They may also be admitted as Arts and Science, Undeclared, students, choosing a major at a later date.
- They receive University of Delaware transcripts.

And, as a result of a partnership agreement between the University and Delaware Technical & Community College (DTCC), Parallel students are also citizens of DTCC:

- They receive DTCC identification cards, entitling them to most academic, cultural, and recreational privileges that DTCC students enjoy.
- They may participate in all activities that DTCC students do. Because of the same NCAA-residency requirement, Parallel students may participate in NCAA-sanctioned sports at DTCC.

Under the partnership agreement, the University is responsible for all academic programs and services, and DTCC is responsible for providing space and support services. Also, as a result of this unique agreement, tuition for students on Parallel campuses is significantly lower than for students on the Newark campus.

Students enter the Parallel Program in a variety of ways:

- They select the program when they apply for admission to the University.
- Admissions counselors think their chances of academic success are greater if they begin on a Parallel campus because they will be in smaller classes and receive more individual attention than they might on the Newark campus.
- They move to a Parallel campus from the Newark campus.

Once they are in the program, students must spend at least two full semesters there. Parallel students are expected to continue on the Newark campus after their fourth semester in the program. The timing of their move to the Newark campus is determined in consultation with the assistant dean at their site. To move to the Newark campus, Parallel students participate in a relocation process that contains four relocation criteria. The relocation criteria serve as a guideline for potential success and include:

- Completion of ENGL 110 with a grade of "C-" or better.
- Completion of the first college-level math course required for the intended major if it is MATH 114 or MATH 115 (i.e., Education and Nursing majors would be exempt from this math requirement).
- Accumulation of 24 credits.
- 2.5 cumulative GPA

On the Dover and Georgetown campuses, students may complete all the requirements for a baccalaureate degree in selected majors—criminal justice, general agriculture, hotel, restaurant and institutional management, and liberal studies.

FLEXIBLE PROGRAMS ABOUND IN PROFESSIONAL AND CONTINUING STUDIES

The Division of Professional and Continuing Studies extends the University of Delaware's academic resources to citizens throughout the state and beyond through credit courses, certificate programs, nondegree short courses, public lectures, cultural events, distance learning, institutes, travel programs and conferences. Programs are offered in the fall and spring semesters as well as during the winter and summer sessions. Programs are taught or conducted by University faculty members and by outstanding professionals in their particular subject areas.

The Division offers the following certificate programs:

- Business and Technical Writing
- Business Fundamentals
- Community Development
- Community Policing
- Composite Materials
- Computer Applications
- Data Management and Statistical Analysis
- Dietetics Internship Program
- E-Commerce Business Analyst
- Hospitality Management
- Information Technology Leadership
- Leadership and Public Management
- Legal Assistant
- Nonprofit Management
- Performance Improvement Management
- Project Management
- Small Business Leadership and Management
- Supervision and Leadership
- Training and Employee Development
- Webmaster

In addition, the Division of Professional and Continuing Studies provides program development and instructional design support to area businesses, government agencies, and professional associations to help meet their educational and training needs. The Adult Center for Continuing Education Student Services (ACCESS) provides career counseling, educational planning, academic advisement and administrative assistance to current and potential Continuing Studies students. (See the Resources for Students chapter.) For more information call (302) 831-2741 or see www.continuingstudies.udel.edu.

PART-TIME STUDY TO FIT YOUR LIFESTYLE

Undergraduate students are classified as part-time if they register for fewer than 12 credit hours in the fall or spring semester. Part-time students may be either matriculated (i.e., accepted into a specific degree program) or non-matriculated. Non-matriculated students may enroll through the Division of Professional and Continuing Studies for credit courses to provide personal enrichment, or to keep up-to-date in their fields. Both day and evening courses are available to Continuing Studies students. Through UD Online, courses also are available in Internet, videotape, or CD-ROM format.

Matriculated students can earn degrees through part-time evening study by completing classes that fit their schedules. In Wilmington and in Newark, undergraduate degrees available through part-time study include: Accounting, Chemistry, Computer and Information Sciences, Criminal Justice, Engineering Technology, English, History, Leadership and Consumer Economics, Psychology, Sociology, and Women's Studies. In southern Delaware, part-time students can earn Bachelor's degrees in Liberal Studies/Humanities, Liberal Studies/Social Sciences, Criminal Justice, and General Agriculture. Distance learning students may complete a degree in Hotel, Restaurant and Institutional Management or a Baccalaureate for Registered Nurses. Students must apply for admission to these programs through the Office of Admissions.

For more information on degree programs for part-time undergraduate students, contact the Division of Professional and Continuing Studies, (302) 831-1114 or see www.continuingstudies.udel.edu.

DISTANCE LEARNING BRINGS THE CAMPUS TO YOU

UD Online/Distance Learning provides non-traditional students with greater access to credit and noncredit courses at the University, through instructional television and the Internet.

Each semester, selected courses are taught in the University's instructional television classrooms, where classes are either videotaped or delivered via the Internet. When applicable, videotapes or CD-ROMs are mailed to students registered as individuals or as work-site participants throughout the region. Examinations are proctored at designated work-sites and various University locations.

Live, interactive courses also are available via a two-way video and audio link between the Newark campus and Lasher Lab in Georgetown. In addition, selected graduate engineering courses are available via satellite through the National Technological University (NTU).

Core courses in the Baccalaureate for Registered Nurses (BRN) major are available through the UD Online system, with enrollment limited to students who have been accepted in that major. UD Online courses also cover the core curriculum in the undergraduate Hotel, Restaurant and Institutional Management (HRIM) program. Graduate programs available through distance learning technologies include the Master of Science in Nursing (MSN) with a concentration in Health Services Administration and the Master of Science (MS) with a major in Health Services Administration from the College of Health and Nursing Sciences. In addition, the College of Engineering, through the Engineering Outreach program, offers the Master of Engineering: Mechanical (MEM), and the Master of Engineering: Electrical Engineering (MEE). Many elective and support courses also are available which fulfill requirements for other degrees.

A variety of certificate programs are available through distance learning; these include Composite Materials, Dietetics Internship, E-Commerce Business Analyst, and Hospitality Management.

A toll-free telephone number (1-800-597-1444) is the student's link to the University's administrative and academic departments. For more information, please see www.continuingstudies.udel.edu/udonline.

LEARNING SHOULD LAST A LIFETIME

The Academy of Lifelong Learning, sponsored by the Division of Professional and Continuing Studies, provides more than 150 college-level, noncredit courses each semester, as well as seminars, travel, cultural and social events, and other learning and enrichment activities for retired individuals 50 and over. Academy activities are planned and taught by Academy members. The northern Academy is located in Arsht Hall on the Wilmington campus, the southern Academy in the Biden Center in Lewes, Del. For more information, please see www.continuingstudies.udel.edu.

COMPETITIVE STUDENTS CAN START EARLY

The College Enrollment Program for Advanced Pre-College Students allows academically advanced and highly motivated students to pursue college-level course work on a part-time basis before graduating from high school. After obtaining approval from both their

high school counselor and an ACCESS counselor, students may enroll in University classes during fall, spring or summer session. Concurrent enrollment allows students to supplement high school work with more advanced material, pursue interests, or build on special talents. Credits become part of the student's permanent record at the University and may be applied toward a university degree. For more information about this program or to schedule an appointment with a counselor, call the ACCESS Center at (302) 831-2741. For general information about ACCESS Center services, see www.continuingstudies.udel.edu/access.

The Forum to Advance Minorities in Engineering/UNITE/MERIT/University of Delaware (FAME/UNITE/MERIT/UD) is a pre-college initiative to increase the effective participation of underrepresented minority (African American, Hispanic, Native American) high-school students (post 10th & 11th graders) in the applied sciences and engineering professions. The College of Engineering, with support from FAME Inc. and other organizations, offers a four-week academic enrichment program in the summer for talented minority high school students with demonstrated potential for success in applied science and mathematics areas. The curriculum includes, but is not limited to, course work in mathematics, science, English, and engineering design. For further information, call (302) 831-6315.

The Governor's School for Excellence is a one-week summer residential program that brings together academically and artistically talented Delaware high school students who have completed their sophomore year. Students live in residence halls on the Newark campus 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. Information is available through Delaware's secondary schools or by calling the Division of Professional and Continuing Studies at (302) 571-5239 or see www.continuingstudies.udel.edu.

UD Summer College allows motivated high school students who have completed their junior year 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 traditional and innovative courses. On successful completion of the courses, they earn regular University credit, which many colleges and universities accept as transfer credit. Apply by April 15 if financial aid is requested or otherwise by May 1. For more information, call the Summer College Office at (302) 831-6560 or see http://www.udel.edu/summercollege.

The Classic Upward Bound Program at the University of Delaware, housed within the Academic Services Center, is a year-round program designed to serve 45 eligible high school students who reside in New Castle County, Delaware. This program provides students with a variety of academic enrichment and academic support services. Through participation in the University of Delaware Upward Bound Program, students 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. Funded by the U.S. Department of Education, this program is free of cost to selected participants. For more information, please contact the Academic Services Center for Pre-College Programs, George Evans House, 5 West Main Street, Newark, DE 19716, (302) 831-4102.

The Upward Bound Math/Science Program 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. Students who have completed the 9th grade from Delaware, Maryland, and Pennsylvania are invited to participate in this residential summer program, and continue with monthly workshops during the academic year. Participants live on the University of Delaware campus for six weeks, studying various topics in science, mathematics, English and Latin. This program is designed for students who are from low-income or first-generation college backgrounds, and it is free of cost to eligible applicants, thanks to funding from the U.S. Department of Education. Call (302) 831-6373 for more information.

FEES AND FINANCIAL AID

- **What UD Fee Policies Apply to Me?**
- **What is the Cost of Attending UD?**
- **Who is Considered a Delaware Resident?**
- **What Does It Cost to Live on Campus?**
- **What Should I Know About Living on Campus?**
- **What About Meals?**
- **How Much Will Meals Cost?**
- **What Other Fees Should I Know About?**
- **How Do I Pay My Bill?**
- **What Happens If I Miss My Payment?**
- **Do Members of a Student's Family or Senior Citizens Qualify for Tuition Discounts?**
- **Can Veterans and Their Dependents Obtain Assistance to Attend UD?**
- **Are There Discounts for Delaware Teachers?**
- **How Do I Apply for Financial Aid?**

WHAT UD FEE POLICIES APPLY TO ME?

Student tuition and fees, established by the Board of Trustees, apply equally to all students. These fees represent approximately 32 percent of the University's general revenues. Additional revenue sources include state appropriations, donations, endowment income and federal appropriations.

Each student is responsible for understanding and complying with University policies and for paying established fees, which are updated regularly in catalogs, fee-payment materials, and on the University's Web Site. Application for admission, as well as subsequent registration, constitutes acceptance of these terms. The University reserves the right to revise its policies, fees and other charges. Any revisions to policies or rates apply to all students. In most cases, the University provides advance notice of such changes.

WHAT IS THE COST OF ATTENDING UD?

The University of Delaware offers an affordable choice to students seeking a private-quality education at a public price. A full-time student who chooses to live in a standard multiple room on campus, with a seven day meal package, will pay $5,412 per semester/$10,824 per year (Delaware resident) or $9,957 per semester/$19,914 per year (non-resident). Winter and Summer Session fees are additional. Please see details below on g-02 tuition, room, and meal fees, which are subject to change for the 2002-2003 academic year. (Fees and expenses for the Continuing Education programs are published separately.)

TUITION (Per Semester)

Charges are the same for courses taken for credit or as an auditor (listener).

# of Student Credit Hours	DELAWARE RESIDENT Undergraduate	DELAWARE RESIDENT Graduate	NON-RESIDENT Undergraduate	NON-RESIDENT Graduate
1	$ 199.00	$ 265.00	$ 578.00	$ 770.00
2	398.00	530.00	1,156.00	1,540.00
3	597.00	795.00	1,734.00	2,310.00
4	796.00	1,060.00	2,312.00	3,080.00
5	995.00	1,325.00	2,890.00	3,850.00
6	1,194.00	1,590.00	3,468.00	4,620.00
7	1,393.00	1,855.00	4,046.00	5,390.00
8	1,592.00	2,120.00	4,624.00	6,160.00
9	1,791.00		5,202.00	
10	1,990.00		5,780.00	
11	2,189.00		6,358.00	
12				
13				
14	2,385.00		6,930.00	
15				
16				
17				

— Tuition for Additional Credit Hours —

There is an additional charge as shown below for undergraduate registration in excess of 17 credit hours.

Credit Hours	DELAWARE RESIDENT Undergraduate	NON-RESIDENT Undergraduate
18	$ 199.00	$ 578.00
19	398.00	1,156.00
20	597.00	1,734.00
21	796.00	2,312.00

MBA Students – Tuition rates for graduate students classified as Masters of Business Administration or Masters of Economics/Business Administration.

Tuition Rates	DELAWARE RESIDENT	NON-RESIDENT
Per Credit Hour	$ 334.00	$ 770.00
Full-Time (9 or more credit hours)	$3,010.00	$6,930.00

Graduate Student Sustaining Fee — Master's Sustaining Fee is $265.00. Doctoral Sustaining Fee is $400.00. (Read more about Sustaining Status in the chapter on Academic Regulations for Graduate Students.)

Full-time tuition covers registration for 12 to 17 credits per semester for undergraduates, and 9 to 12 credits per semester for graduate students. All full-time undergraduate students pay the full-time tuition charge, which includes regular course, laboratory, library, athletic and recreation facility fees. In addition to semester bills, students should be prepared to pay about $800 per year for books and supplies, and $1,500 for transportation and miscellaneous other expenses.

WINTER SESSION TUITION (2002)

TUITION RATES — Per Session

Credit	Delaware Resident		Non-Resident	
Hours	Undergrad	Graduate	Undergrad	Graduate
1	$199	$265	$ 578	$ 770
2	$398	$530	$1156	$1540
3	$597	$795	$1734	$2310
4	$796		$2312	
5	Maximum Tuition		Maximum Tuition	
6	$896		$2601	
7				

Tuition for Master of Business Administration and Master of Economics/Business Administration Students.

	Delaware Resident	Non-Resident
per Credit	$334	$770
No maximum applies to Graduate Level courses		

SUMMER SESSION TUITION (2002)

TUITION RATES — Per Session

Credit	Delaware Resident		Non-Resident	
Hours	Undergrad	Graduate	Undergrad	Graduate
1	$199	$265	$ 578	$ 770
2	$398	$530	$1156	$1540
3	$597	$795	$1734	$2310
4	$785		$2312	
5	Maximum Tuition		Maximum Tuition	
6	$896		$2601	
7				

Tuition for Master of Business Administration and Master of Economics/Business Administration Students.

	Delaware Resident	Non-Resident
per Credit	$334	$770
No maximum applies to Graduate Level courses		

WHO IS CONSIDERED A DELAWARE RESIDENT?

To qualify as a Delaware resident for tuition purposes, the student or parent of a dependent student must have been domiciled in Delaware for at least twelve consecutive full months as of the first day of class in which such classification is sought.

A determination of status for tuition purposes is made when a student is accepted to the University or when he or she first enrolls as a Continuing Education student. Questions concerning residence status, especially in complicated situations such as military service, custody or guardianships, should be directed to the Admissions Office (undergraduates) or Graduate Studies Office (graduate students) at the time of application. Students seeking a change in classification after enrolling at the University must complete an application form.

For more complete information regarding this policy or to obtain an application, contact the Registrar's Office at (302) 831-1280, visit the Student Services Building or see www.udel.edu/Registrar/residncy.html.

WHAT DOES IT COST TO LIVE ON CAMPUS?

HOUSING RATES 2001-2002

Residence Hall	Academic Year	Per Semester
Traditional*		
Standard Multiple	$3,064	$1,532
with bath	$3,242	$1,621
Economy Single	$3,316	$1,658
Standard Single	$3,640	$1,820
with bath	$3,902	$1,951
Pencader		
Double	$3,242	$1,621
Single	$3,902	$1,951
Ray Street		
Double	$3,432	$1,716
Christiana		
1/4 2-bdrm. apt.	$3,472	$1,736
1/2 1-bdrm. apt.	$4,342	$2,171
Conover (Family and Graduate Housing)		
2-bdrm. apt.	$785/month unfurnished	$765/month
1-bdrm. apt.	$690/month unfurnished	$680/month
College Towne (Graduate Housing)		
1-bdrm. apt.	1 occupant	$700/month
	2 occupants	$350/month
2-bdrm. apt.	large bdrm.	$428/month
	small bdrm.	$377/month
Graduate House (Graduate Housing)		
Single Room	$390/month	

*Rooms in air-conditioned residence halls on the mall are an additional $50 per semester, per student.

WHAT SHOULD I KNOW ABOUT LIVING ON CAMPUS?

On-Campus Undergraduate Housing

Newly admitted students and returning on-campus students automatically receive residence application information. Returning students who have previously lived off-campus may obtain applications from Housing Assignment Services, 5 Courtney Street, or may fill out an online application at www.udel.edu/beabluehen.

Freshman students are required to live in University housing or at home with a parent or guardian. Requests for exceptions to this policy along with an explanation of the student's situation must be submitted in writing to Housing Assignment Services. Returning and transfer 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 www.udel.edu/hcs/offcampus/main.htm.

The purchase of a meal plan is mandatory for undergraduate students living in all residence halls except the Christiana Towers apartments. Visit the Dining Services web site for details at www.udel.edu/dining.

Freshmen and returning students who meet published deadlines for housing application are guaranteed on-campus housing. Students whose housing applications are received after published deadlines are not guaranteed housing but will be accommodated as space permits. On-campus housing is available for single transfer students, although demand is often greater than the number of spaces available.

Housing assignments are based on a computerized set of student-selected preferences and other criteria specified in application instructions. While an effort is made to satisfy each student's housing preference, the University cannot always fulfill requests for certain spaces or areas. You will need to pay the full cost for your assigned room or apartment, whether or not you receive the type of housing you requested. See the Student Life and Activities chapter in this catalog for a description of residence hall facilities.

To apply for on-campus housing and dining, students submit a housing and dining application and preferences on-line. A $100 housing deposit for incoming students or $200 deposit for returning students may be paid with a credit card, check, or money order to the Cashiers Office. Prospective students will receive detailed instructions in their admittance packets. The deposit is credited toward the academic-year residence hall charges. New freshmen and transfer students who cancel their housing applications for the fall semester in writing on or before May 31 will receive a partial deposit refund of $50. Students who cancel after May 31 but before July 1 will forfeit the entire deposit.

Returning students who cancel their housing applications for the fall semester on or before April 15 will receive a partial deposit refund of $100. Returning students who cancel after April 15 but before July 1 will forfeit the entire deposit.

The deadline for cancellation for the Winter Session and/or spring semester is December 20 for all students.

After the Binding Date (July 1 for fall semester; December 20 for Winter Session and/or spring semester), there is no refund of the deposit and additionally students are obligated to pay for the entire cost of the space assigned to them for the remainder of the academic year (see Housing Agreement).

Undergraduate Student Housing Agreement

Your submitted *Student Housing Agreement* is binding for a specific academic period, generally until the end of the spring semester. For example, if you submit the agreement in the middle of fall, it is binding until the end of the following spring semester. You will be charged for the room or space from the effective date of your *Housing Agreement* through the end of the academic year specified on your application, unless Housing Assignment Services releases you from the agreement. Students who submit an application and agreement after the beginning of any semester will pay a prorated portion of the semester charge determined by the date of occupancy. On the date the *Student Housing Agreement* becomes binding (July 1 for fall semester and December 20 for Winter Session and/or spring semester), you are obligated to pay for the full cost of the housing even if you elect not to use it. The binding date for students who move into university housing mid-term is the date of application. Details are available in *The Official Student Handbook* www.udel.edu/stuhb.

Graduate and Family Housing

University-owned graduate student and family housing apartments and rooms are offered on a first-come, first-served basis based upon the date of application for housing. On-campus housing is not guaranteed. See the Student Life and Activities chapter in this catalog for a description of university housing facilities. Those who choose to live off-campus may obtain listings of some current housing options from Housing Assignment Services, www.udel.edu/hcs/offcampus/main.htm.

Information and applications for on-campus graduate student housing are sent upon admission and may also be obtained online at www.udel.edu/hcs/housing/rental. A $200 security deposit in United States funds is required with the application. Students are required to sign a *Graduate Student and Family Housing Agreement,* which obligates the student from the date of signature through July 31 of the following year, as detailed in *The Official Student Handbook* (www.udel.edu/stuhb). The deposit will be held until the end of the leasing agreement and will be refunded to the student minus any damages to the unit.

For additional information, please write or call Housing Assignment Services, 5 Courtney Street, Newark, Delaware 19716 (302) 831-3676; e-mail: grad-family-housing@udel.edu.

Official Student Handbook and Cancellation Policy

When you submit an application for university housing, you agree to comply with the terms of the *Housing Agreement,* all rules described in the *Official Student Handbook,* and any other policies pertaining specifically to your assigned space. Housing Assignment Services reserves the right to reassign you to another space (1) if you violate any provision, policy, rule or regulation; (2) to protect the health and safety of others; and/or (3) to make sure that University resources are used prudently. Typically, you will receive at least 24 hours' notice of reassignments.

Cancellation of the *Housing Agreement* is permitted only under specific or exceptional circumstances and must be approved by Housing Assignment Services. If you wish to be released from an *Agreement,* you should submit a written request to Housing Assignment Services. Rebates of charges or penalties are detailed in the *Student Housing Agreement* or the *Graduate and Family Student Housing Agreement.*

Eligibility for University Housing

Students may reside in university housing only if they are properly registered and in good academic, financial, and disciplinary standing with the University. Academic eligibility requirements for residence in university housing are as follows:

Single full-time undergraduate students must be registered for at least 12 hours of academic credit in the fall or spring semesters.

Graduate students must be registered for at least 9 semester hours of academic credit or be on sustaining status

Students who drop below the eligibility requirements may petition Housing Assignment Services for permission to continue to live in university housing for the remainder of the term of the *Housing Agreement.* The rules, regulations, charges, and services for University housing may be changed mid-year and without prior notice.

WHAT ABOUT MEALS?

Four 'all-you-care-to-eat' dining halls offering a wide variety of menu choices are available across campus: Russell on East Campus, Rodney on West Campus, Kent on Central Campus, and Pencader on Laird Campus. Dining Services also provides numerous snack and meal locations, including campus food courts, food stands, convenience markets, concessions carts, delivery, and fine dining at the Blue and Gold Club. A registered dietitian is on-hand for free personal consultations regarding special dietary needs.

DINING PLANS FOR STUDENTS IN RESIDENCE HALLS

A wide variety of dining plan options are available for undergraduate students living on campus. **All students living in residence halls are required to purchase a dining plan for each semester/session. Dining plans are optional for students living in the Christiana Towers apartments.**

Each dining plan includes a specific number of weekly meals to be used in any of the four dining halls, plus a specific number of "points" per semester. Using points, students can buy food at campus food courts, food stands, convenience markets, concessions carts, as

well as delivery, and at the Blue and Gold Club. Additional points may be purchased at the Value Transfer Stations in the Trabant University Center and Perkins Student Center or at any University Box Office, the Cashiers Office, or the outside drop slot at the Student Services Building. **Unused points from summer session, fall semester and/or winter session may be carried over to the next semester/session. At the end of the spring semester, however, all unused points are forfeited and have no refundable value.**

Dining plans are valid and billed on a per semester/session basis. For residence-hall students with a *Housing Agreement,* the effective dates of the housing and dining agreements are the same.

DINING PLANS FOR STUDENTS LIVING IN THE CHRISTIANA TOWERS APARTMENTS, GRADUATE STUDENTS, MARRIED STUDENTS AND COMMUTERS

Selection of a dining plan is optional, but for those students in this category who like the convenience of cashless purchases for dining services, the following options are available:

Option 1: Students may select any dining and/or points plan. The deadline for changes or cancellations coincides with the published change-of-registration deadline for classes. The minimum purchase for a Christiana Towers Apartment & Commuter Points Plan is $150, but the student may purchase any amount over that minimum. **Unused points balances may be carried over from summer session to fall semester, winter session and/or spring semester. All unused points are forfeited at the end of the spring semester and have no refundable value.**

Option 2: Instead of purchasing additional points, you may want to consider opening a UD1 *FLEX* or the UD#1 CARD w/MAC® to expand the purchasing capabilities of your UD#1 CARD on and off campus. *FLEX* gives students campus-wide cashless purchasing power at ALL dining locations, at more than 50 campus services, including the bookstore, the library, laundry machines, and the Student Services Building. Unused *FLEX* balances carry over from semester to semester and are fully refundable upon closing the *FLEX*ible spending account. MAC® is accepted at select on and off campus locations. For more information, call UD1-CARD (831-2273), the WSFS Bank branch at the Trabant University Center at (302) 831-4400, or send an e-mail to: ud1flexoffice@udel.edu.

SELECTING AND CHANGING DINING PLANS

The Housing/Dining preference form available on the web allows incoming students to make an initial selection of dining plans. This selection can be changed, however, by completing the Choose or Change form enclosed in the estimated semester/session bill. If the student makes no selection, he or she will automatically be billed for the plan providing 12 meals per week plus $160 in points.

After the student arrives on campus, dining plan selections may be changed one time between the day that classes begin until the published change-of-registration deadline for classes. NOTE: The fall dining plan selection will automatically be reassigned for spring unless the student makes a formal request to change using the Choose or Change form.

CANCELING DINING PLANS

Requests to cancel a *Dining Services Agreement* for the current semester or session must be made in person at the Student Services Building. Dining plans may be canceled only if:

1. A student is released from the *Housing Agreement.*
2. Cancellation is warranted for medical reasons that are documented by the Student Health Center and after consultation with the Dining Services registered dietitian.
3. Residency is in the Christiana Towers apartments, the Graduate House, College Towne/Conover apartments, or off-campus, **and the request is made by the academic drop/add deadline.**

If the *Dining Services Agreement* is officially canceled, the student's account will be credited based on a proration of unused dining plan meals for the remaining days in the term less two weeks (14 days), plus the value of any unused points. Any credit balance in the student's account may be transferred to a UD1 *FLEX* account. For sessions or programs other than the fall or spring semesters, applicable refunds will be calculated in proportion to the semester refund schedule.

ACCESSING DINING FACILITIES

A student's UD#1 CARD or cash must be presented for any Dining Services transaction. The UD#1 CARD is not transferable; it can only be used by the person to whom it is issued.

LOST UD#1 CARDS

The University accepts no responsibility for lost or stolen UD#1 CARDs. It is the student's responsibility to report a lost UD#1 CARD as soon as possible by dialing UD1-CARD (831-2273), to prevent unauthorized use. The student will be required to use his or her UD PIN to suspend their UD#1 CARD when using this CARD service line. Replacement cards are issued by the UD#1 CARD office in the Student Services Building.

HOW MUCH WILL MEALS COST?

DINING FEES 2001-2002

Plan	Value per Semester	Cost/Semester
1	Any 19 meals/week plus $ 20 in points	$ 1,235
2	Any 18 meals/week plus $ 40 in points	$ 1,235
3	Any 17 meals/week plus $ 60 in points	$ 1,235
4	Any 16 meals/week plus $ 80 in points	$ 1,235
5	Any 15 meals/week plus $100 in points	$ 1,235
6	Any 14 meals/week plus $120 in points	$ 1,235
7	Any 13 meals/week plus $140 in points	$ 1,235
8	Any 12 meals/week plus $160 in points	$ 1,235
9	Any 11 meals/week plus $180 in points	$ 1,235
10	Any 10 meals/week plus $200 in points	$ 1,235
11	Any 9 meals/week plus $220 in points	$ 1,235
12	Any 8 meals/week plus $240 in points	$ 1,235
13	Any 7 meals/week plus $260 in points	$ 1,235
14	Any 6 meals/week plus $280 in points	$ 1,235
15	Any 5 meals/week plus $300 in points	$ 1,235
	Commuter & Christiana Plans	
	a. 50 block meals	$295
	b. Any 3 meals/week plus $260 in points	$268
	c. Points ($150 minimum buy-in)	$150

WHAT OTHER FEES SHOULD I KNOW ABOUT?

Determining Date for Tuition Charges. Tuition charges are based on registrations made before the end of the late-registration, free drop/add period (the first two weeks of the regular semesters or the first four days of Winter/Summer sessions). Full charges are made for course addition and/or withdrawal thereafter.

Rebates for Tuition Charges. Full rebates of tuition charges will be offered for courses dropped by the end of the late-registration, free drop/add period. *NO REBATES OF TUITION* will be made for courses dropped thereafter.

Fee for Changes in Registration. Students can make registration changes without fee, and with a full rebate of tuition, prior to the start of classes and during the late-registration period. After the first two weeks of classes, however, a charge of $20 will be assessed once per semester when a student initiates a request to change from one class or course section to another, drops or adds a course, changes to

or from the pass/fail option, or changes to or from auditor status. **In addition to this fee, all students will be charged tuition for any course dropped after the free drop/add period.**

Summer/Winter Session Registration Fee. All students who register for summer or winter sessions are assessed a $15 Registration Fee per session. In addition, there is a $15 General Fee charged for each summer session.

Part-time Students. Undergraduate Delaware residents who enroll for fewer than 12 credits pay $199* per credit hour. Undergraduate nonresidents who enroll for fewer than 12 credits pay $578* per credit hour. Courses taken as an auditor are included in the credit-hour total. A $15 registration fee is charged to part-time students each semester. All students are assessed this fee during summer and winter sessions.

Comprehensive Student Fee. A mandatory $53* fee is assessed to all full-time undergraduate students each semester.

Student Center Fee. A mandatory fee is charged to full-time students to cover amortization of bonds used in the construction of the new student center and renovations to the Perkins Student Center, as well as operating costs of these student centers. The fee is $52 per semester, during fall and spring semesters.

New Student Orientation Fee. Newly matriculated undergraduate students (including transfers) are required to pay a $65* fee for the New Student Program and New Student Orientation, regardless of their participation in these activities.

Special Recording Fee. The University charges a fee for the following processing and recording transactions:

Advanced placement credit ($15)*

Transferring credit earned at other institutions following admission ($25)*

Student Health Service Fee. Every semester, a mandatory $155* fee is assessed to all full-time matriculated students, entitling them to use the Health Service during that period. Part-time matriculated students are eligible to use Health Center services by including the fee with their semester payment, or they may use the Health Center on a fee-for-service basis. A separate winter session health fee ($42*) is automatically assessed all full-time students enrolled in winter session course work. Full-time students not enrolled in winter session may use the SHS on a fee-for-service basis or by paying the winter session health fee. During the summer session(s) all full-time and part-time students are eligible to use the service on a fee-for-service basis or by paying an optional $57* summer session charge, which allows use of the SHS during the summer period.

Student Medical Insurance. An optional accident-and-sickness insurance plan, administered by University Health Services, Inc., is available to all admitted students. This insurance does not cover medical services offered in the Student Health Service. International students and students whose parents live outside the continental United States are required to enroll in the insurance plan offered through the University, or provide proof of equivalent coverage. Information detailing the medical coverage is mailed to students. It is also available in the Student Health Center.

Credit by Examination Fee. Credit may be awarded when a student demonstrates proficiency in a subject-matter field by passing an examination arranged with the department. A $50* per credit hour fee is charged in advance to cover administration and recording costs.

Video-based Courses Fee. Students enrolled in video-based academic courses should contact the UD ONLINE office (302) 831-1074 for fee information.

Independent Study Fee. Students enrolled in a regular academic program who earn credit by working on an independent research or reading project must pay the appropriate tuition charge.

Scuba Fee. Students enrolled in HESC 132 will pay a $70 fee per semester in addition to the regular tuition charge to cover equipment costs.

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

Transcript Fee. Prepayment of $5* is required for each official transcript. Transcripts cannot be released until all outstanding financial obligations are met. Upon receipt of the completed form, which must be completed by the student, official transcripts are normally mailed within 48 hours.

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).

Graduation Fee. Candidates for an advanced degree are expected to file a completed Application for Advanced Degree with the Office of Graduate Studies and to pay a graduation fee by the stated deadline for Summer, Fall, or Spring degree conferral. The graduation fee is $35 for master's candidates and $95 for doctoral candidates.

HOW DO I PAY MY BILL?

All University fees and expenses are due by the published deadlines for each semester or session. In general, tuition, room and meals are due about one 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.

If the tuition-and-fees payment packet and the fee-payment form do not arrive in the mail for any reason, the student is responsible for obtaining these materials from the Account Services Office. It is also the student's responsibility to make any necessary adjustments to 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, graduate contract, or other credits may cover the total semester charges. Graduate students on contract must submit payment for the Student Health Fee and Student Center Fee with their fee payment form by the deadline.***

All payments made by check or money order should be made payable to the "University of Delaware." Receipts are issued for payments by check or money order only when specifically requested. The net total, or the first installment 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. The University charges a $25* service charge for dishonored checks. Moreover, students who submit dishonored checks may be required to make future payments by cash, money order or certified check.

For a $50* service fee, students whose credit remains in good standing with the University may pay semester bills in accordance with the installment plan table. The University issues a monthly statement to each student. But, installment payments are due by the dates specified, whether or not the student receives a statement. The dates listed below are approximate.

*Fee approved for the 2001-02 academic year. Subject to change for the 2002-03 academic year.

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

A Guaranteed Prepaid Tuition Plan allows families to pay cash up to the full amount necessary to prepay up to four years of full-time tuition at the current full-time tuition rate. For further information, call the Account Services Office at (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 following penalties for nonpayment.

WHAT HAPPENS IF I MISS MY PAYMENT?

- *IF THE UNIVERSITY DOES NOT RECEIVE A STUDENT'S FEE-PAYMENT FORM AND REQUIRED PAYMENT BY THE SPECIFIC DATE EACH SEMESTER, ADVANCE REGISTRATION MAY BE CANCELLED.*
- If any fees, fines or miscellaneous payments are not received by due dates, the student may be dropped from the University. Subsequent registration will be refused and transcripts, diplomas and other information concerning attendance at the University will be withheld. Reinstatement requires payment of the amount due and compliance with the usual readmission procedures.
- Students are responsible for collection agency fees, attorney fees, court costs and other costs and charges necessary for the collection of any amount not paid by the due date.
- Students who fail to make payments by the due date may be denied the privilege of using the installment payment plan in future semesters.

Late-Payment Fee. Any student who fails to submit the fee-payment form and any required payment to the Cashier by the specified date will be charged a $40* 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 charged a late-payment fee if they make payment by the new fee-payment date assigned to 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 $55* late-payment fee. A student who chooses the installment payment plan and then does not pay the second, third and final installments when due or fails to pay the required percentage of his or her bill will be assessed a $25* installment penalty for each such installment.

DO MEMBERS OF A STUDENT'S FAMILY OR SENIOR CITIZENS QUALIFY FOR TUITION DISCOUNTS?

Sibling/Parent. Every full-time, matriculated student 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 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 Student Services Building. For determination of eligibility, see the Sibling/Parent Tuition Credit Policy distributed with the form or contact the Account Services Office.

Senior Citizens. Every matriculated student who is a Delaware resident, 60 years of age or older, may take credit courses on a space-available basis without paying tuition. Such students must cover the cost of books, laboratory supplies, and shop fees. For further information, contact the Admissions Office at (302) 831-8123.

CAN VETERANS AND THEIR DEPENDENTS OBTAIN ASSISTANCE TO ATTEND UD?

The University of Delaware is approved for veteran attendance under Chapters 30, 31, 32, 34, 35 and 106 of Title 38, Code of Federal Regulations. Veterans interested in obtaining benefits under these regulations should contact the University Veterans Affairs Clerk in the Student Services Building Monday-Thursday 8 a.m.-4:30 p.m. at (302) 831-8987.

ARE THERE DISCOUNTS FOR DELAWARE TEACHERS?

Delaware public school teachers, as defined below, are exempt from the payment of all regular summer session course charges. The Delaware teacher tuition exemption does not apply to UD ONLINE video-based courses or study abroad programs. UD ONLINE tuition and fees must be submitted with registration. They must submit a Fee Payment Form and pay the summer general fee, student center fee, any room and board fees and, where applicable, application, diploma, or graduation fees. Failure to submit a Fee Payment Form by the date specified will generate a late fee and risk cancellation of registration.

The term "Delaware public school teachers" refers to those under legal contract to serve the public elementary and secondary schools of the state as teachers (regular, provisional, temporary or substitute), instructional aides, guidance counselors, librarians, or nurses, and administrative personnel who regularly supervise the above, but excluding other employees in staff administrative positions. Delaware public school teachers who have so served at least half-time (90 days) during the previous academic year, or who have legally obligated themselves as full-time during the succeeding academic year, are eligible for this exemption. Details regarding methods of establishing entitlement are contained in the Summer Session bulletin.

Those in doubt about their classification as Delaware public school teachers should obtain clarification from the Account Services Office, (302) 831-2126, before registering.

HOW DO I APPLY FOR FINANCIAL AID?

Graduate students should also read the chapter "Graduate Fellowships and Assistantships" in this catalog.

At the University of Delaware, scholarship and financial assistance programs focus on the student. Whenever possible, the University strives to remove financial barriers to higher education, and to attract students with exceptional academic promise. The University works in partnership with families to make a University of Delaware education possible.

Financial assistance programs represent a bridge between the family's ability to pay and the cost of higher education. The University distributes its financial support in the form of scholarships based on academic excellence and need-based packages consisting of

*Fee approved for the 2001-02 academic year. Subject to change for the 2002-03 academic year.

grants, loans, and employment opportunities. While the Office of Undergraduate Admissions focuses on merit awards for incoming freshmen, the Office of Financial Aid works with families in the allocation of need-based support.

How to Apply for Financial Aid. *Entering Students*—Financial aid applications should be submitted early in January, before the student enters fall-semester classes. The Financial Aid Office holds all personal and family financial information in the strictest confidence. Admissions decisions are not influenced in any way by a student's eligibility for financial aid. To apply for financial aid, a student and his or her parents should take the following steps:

- 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.) Ask to have a copy of the analysis sent to the University of Delaware (institution code #001431). 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 also may be required.
- Apply over the Internet with FAFSA on the Web. Go to www.fafsa.ed.gov and follow the on-screen instructions to fill out the application. Extensive online help is available.

Renewal and Other Candidates–All students must reapply for financial assistance each year. Awards may be offered for subsequent years, depending on available resources, the need of the applicant and the student's continued enrollment in a degree program (with at least half-time status). **Continuing Education students are not eligible for financial assistance.** All upperclass applicants must follow the same application procedures outlined above for entering freshmen. The Department of Education will mail Renewal Applications to students in December. Students who do not receive a Renewal Application should obtain a FAFSA from the Student Services Building.

Deadline. The priority deadline for financial assistance applications is May 1 prior to the year for which aid is requested. Students are encouraged to submit the FAFSA form **before February 15** in order to meet the May 1 priority 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, describing the sources and amounts of aid awarded, will be sent to the student before University charges are due. After the student receives notification, he or she 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.

Financial Aid Recipient Withdrawals. Students who are recipients of Title IV federal financial aid funds and whose enrollment terminates through official withdrawal must have their financial aid award reviewed for adjustment. Title IV federal financial aid funds are as follows: Federal College Work Study, Federal Perkins Loan, Federal Supplemental Educational Opportunity Grant, Federal Pell Grant, William D. Ford Federal Direct Loan Program, and the Federal Direct PLUS Loan Program. The Nursing Loan Program is also a federal financial aid program.

Financial aid eligibility is based on the cost of education (tuition, mandatory fees, housing, meal plan, books, etc.) incurred for the entire semester and is contingent upon completion of that semester. Upon withdrawal, federal regulations mandate that the cost of education be reevaluated and appropriate adjustment(s) of financial aid awards processed.

Federal regulations regarding Title IV refunds are being revised. Please refer to www.udel.edu/bill_coll/TITLEIV.html for updated information, or contact the Office of Scholarships and Financial Aid at (302) 831-8761 with questions or concerns.

Failure to Withdraw Officially. Students are required to adhere to the University's official withdrawal policy when terminating their enrollment prior to the end of a given term. Failure to officially withdraw will result in the cancellation of any federal financial aid program funds previously awarded for that term. Federal regulations require that funds for ineligible recipients be returned to the financial aid program accounts. Students will be billed for semester charges.

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. Federal Title IV assistance programs require students to maintain progress toward a degree. These federal programs include the Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, Federal Perkins and Nursing Loans, Federal College Work-Study Program, and Federal Direct Loans (Subsidized, Unsubsidized, and PLUS). Undergraduate satisfactory progress for financial aid purposes requires:

a. Completion of a degree within six years of full-time attendance or its equivalent;
b. a cumulative grade point average of C (2.0) after 60 or more attempted hours; and
c. successful completion of 67 percent of credit hours attempted.

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

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

- To know the costs of attendance to the institution; to know all available sources of Financial Aid; to be informed of all aspects of the Financial Aid package awarded, including determination of need and disbursement 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 also are responsible to report to the Dean of Students, the Student Loan Office and the Financial Aid Office when they withdraw from school.

For additional financial aid consumer information, stop by the Student Services Building, or call (302) 831-8761. The Account Services Office, the Undergraduate Admissions Office, the Graduate Studies Office, and several University publications can also provide pertinent information about the University's financial aid programs.

RESOURCES FOR STUDENTS

- **One-Stop Shopping at the Student Services Building**
- **The Rich Resources of the University Library**
- **Our Campus Computer Network Helps You Live and Learn**
- **Visit the Office of the Vice President for Campus Life with Student Life Issues**
- **Academic Advisement to Keep You on Track**
- **Maximize Your Academic Performance**
- **Need Help with Math?**
- **Improve Your Writing Skills**
- **Supporting the Academic Success of All Students**
  - **A.S.P.I.R.E.**
  - **Fortune 2000**
  - **NUCLEUS**
  - **RISE**
- **Ensuring that All Students Feel Welcome**
- **Understanding Women's Issues**
- **Is English Your Second Language?**
- **Welcoming Members of Our International Community**
- **Keeping Our Students Healthy**
- **Counseling Care to Meet Your Needs**
- **Helping Athletes Meet Academic Goals**
- **Accessibility for Students with Disabilities**
- **Prepare for Future Success with Career Services**
- **Standardized Testing at Your Convenience**

ONE-STOP SHOPPING AT THE STUDENT SERVICES BUILDING

The Student Services Building on Lovett Avenue on the Newark campus provides students with "one-stop shopping." At this facility, students can quickly and easily complete a wide range of administrative tasks, including registering for courses, changing course selections, obtaining I.D. cards, parking permits and unofficial transcripts, printing copies of their course schedules, tuition and fee payment, financial aid, flexible spending accounts, dining services, and long distance telephone service.

THE RICH RESOURCES OF THE UNIVERSITY LIBRARY

The University of Delaware Library includes the Hugh M. Morris Library, where the main collections are housed, three branch libraries on the Newark campus — the Agriculture Library, the Chemistry Library and the Physics Library — and a fourth branch, the Marine Studies Library on the Hugh R. Sharp Campus in Lewes, Delaware.

The collections parallel the University's academic interests and support all disciplines. Books, periodicals, microforms, government publications, electronic databases and software, maps, manuscripts, media, and Internet access provide a major academic resource. Library staff members provide a wide range of services, including assistance with electronic library resources, reference assistance, interlibrary loan, instructional programs, and assistance to users with disabilities.

Over 2,400,000 volumes of books and journals, and more than 3,200,000 items in microtext are included in the collections, which are broadly based and comprehensive, with emphasis on the social sciences, humanities, science and engineering. Special Collections include the Delaware Collection; the Unidel History of Chemistry Collection; the Unidel History of Horticulture & Landscape Architecture Collection; manuscripts, such as the papers of Emily Coleman, Tennessee Williams and William Butler Yeats; and archives, including those of *American Poetry* and the Bird and Bull Press. The Library is a depository for publications of the U.S. Government and for all patents issued by the U.S. Office of Patents and Trademarks.

The Library is a member of the Association of Research Libraries, the Center for Research Libraries, CIRLA (Chesapeake Information and Research Library Alliance), and PALINET, through which it is connected online to OCLC, the Online Computer Library Center.

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

The University of Delaware Library home page on the World Wide Web (www.lib.udel.edu) offers access to many of the Library's electronic resources, including DELCAT, the University's online catalog. DELCAT may also be accessed via dedicated workstations in the Libraries, through the University computing network, and via the Web from anywhere in the world.

The Library provides online electronic access to more than 180 databases, which include the *Encyclopedia Britannica,* journal article references and abstracts, full-text electronic articles, and government information. Databases contain hundreds of thousands of references and summaries of the contents of journals. Databases also include large full-text databases including *Expanded Academic ASAP, Business Index ASAP, LEXIS-NEXIS UNIVerse, Health Reference Center, and JSTOR,* which contain online entire articles from thousands of journals. Most databases are accessible from residence halls, offices and buildings throughout the University, and to University users from off-campus using a computer modem to access UD computing accounts. The Library Web page serves as a gateway research tool and provides access to electronic resources on the World Wide Web, including those licensed for UD faculty, staff, and students. To assist users in navigating the World Wide Web, the Library has created more than 90 subject web pages in academic disciplines. Each subject web page includes a "Guide to Internet Resources" which points to a selection of some of the best web sites in each subject area.

For further information, call (302) 831-2965. For Library hours, call (302) 831-BOOK (2665), or check the library web site www.lib.udel.edu.

OUR CAMPUS COMPUTER NETWORK HELPS YOU LIVE AND LEARN

The information technology resources available at the University of Delaware are unparalleled. The University's commitment to providing a superior technology environment enables students and faculty to pursue academic studies and to conduct the business of campus life with ease and efficiency.

Students use a wide range of technology in their academic work. In all disciplines students will probably use electronic mail, word processing, and tools to search the Internet for information. Many academic departments have dedicated computer labs to teach students discipline-related applications. These include the humanities, social sciences, physical sciences, business, engineering, agricultural sciences, marine studies, education, human services, nursing, and health and exercise sciences.

All University classrooms are connected to the campus network, enabling faculty to use a wide variety of multi-media services and devices in their teaching. Many classrooms have connections at student seats to facilitate use of laptop computers. Instructional video is broadcast by the University television network and many classes include special viewings as part of course requirements.

Students can connect their own computers directly to the campus network from their residence hall rooms. Off-campus students can dial-in to the network from all regions of Delaware. Several general access computing sites (www.udel.edu/sites/) are available for student use on campus, and these have network ports to connect laptop computers. The Morris Library carrels also have network ports.

Answers to Your Questions About Computers on Campus

Where can I get information about computer hardware and software? The Technology Solutions Center (TSC) can help you decide which computer products are best suited to your needs. You can study literature from vendors and try out the systems on display. The TSC (located in Room 002B Smith Hall) is open Monday through Friday from 8:00 a.m. to 5:00 p.m. You can call the TSC at (302) 831-8895, send e-mail to tsc-info@udel.edu, or browse its web site at www.tsc.udel.edu.

What computer should I bring to campus? If you plan to bring a computer to campus, either one you own or a new computer, you should bring one that meets the University's current minimum configuration. Because computing technology is changing rapidly, please refer to the TSC's website at www.tsc.udel.edu or call (302) 831-8895 for the most up-to-date information regarding minimum system requirements.

How do I connect my computer to the campus network? It depends!

Browse the following web site for the most up to date information www.udel.edu/help. Choose the desired topic from the Topic Index. For example, choose R for Residential network computing or Residence hall connection, E for Ethernet, D for Dial-In (PPP connection) or P for PPP (dial-in connection).

For further information about Information Technologies, call the IT Help Center at 831-6000 or check the web site at www.udel.edu/help.

VISIT THE OFFICE OF THE VICE PRESIDENT FOR CAMPUS LIFE WITH STUDENT LIFE ISSUES

The Office of Campus Life is directly responsible for overseeing crisis management, the Judicial System, and Residence Life. In addition, the office can approve student-initiated withdrawals from the University and serves as an advocate for students who are having any problems which might impact their educational progress. You can contact the office at (302) 831-8939 or (302) 831-2117.

ACADEMIC ADVISEMENT TO KEEP YOU ON TRACK

Academic advisement is available to matriculated undergraduate students through faculty affiliated with the student's major and through advisement centers in the undergraduate colleges (see the online list of advisement centers at www.udel.edu/catalog/current/advcenters.html. Academic advisors can help students with course selection, choice of major, maintaining progress toward a degree, career goals, and selection of graduate or professional schools. All freshmen are required to consult with an advisor and obtain the advisor's approval for course selection during advance registration. Academic advisors can also provide referrals to support services for students who need help with personal, medical, or other issues. **Successful undergraduate students tend to be those who meet with their advisors at least once each semester.** To find out who your faculty advisor is, call your major department or academic dean's office, or go to the SIS+ Personal Access web site at www.udel.edu/Registrar/sispal.html.

Graduate students usually work one-to-one with their faculty advisor or thesis/dissertation director. In some departments, the student's thesis/dissertation committee members may also provide advisement. The graduate student's advisor is generally agreed upon at the time of admission or soon after.

Current and potential continuing education students should consult the Adult Centers for Continuing Education Student Services (ACCESS – see www.continuingstudies.udel.edu/access) for career counseling and interest assessment, educational planning and academic advisement, and administrative assistance. Offices are located in Newark at Clayton Hall; in Wilmington at the Wilmington Campus Student Services Center, at 2800 Pennsylvania Ave., and at the

UD Downtown Center at 8th and King Streets; in Dover at the Terry Campus of Delaware Technical & Community College (Room 214, Main Building); and in Georgetown at the William A. Carter Partnership Center on the Owens Campus of Delaware Technical & Community College. Daytime and weekday evening appointments may be arranged by calling (302) 831-2741 in Wilmington/Newark, (302) 741-2793 in Dover, or (302) 855-1630 in Georgetown. Administrative help is available for those planning to register for credit and non-credit courses.

MAXIMIZE YOUR ACADEMIC PERFORMANCE

The Academic Services Center offers activities that provide undergraduates 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 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 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 lobby and is updated regularly.

Learning Disabilities/ADHD Services: Students with documented learning disabilities and/or ADHD receive accommodations as determined by the University's Documentation Review Committee (DRC).

Documentation guidelines are available online at www.udel.edu/ASC and at the ASC.

The Summer Enrichment Program, an academically intensive five-week residential program, is offered to a limited number of incoming freshmen who have been accepted to the University and who would benefit from these academic support activities prior to their first semester. This program enables selected freshmen to become acclimated to the campus, giving them an opportunity to take course work in mathematics, English, and study skills and to participate in a variety of academic support and enrichment activities. Incoming freshmen accepted to the University of Delaware through the Parallel Program also may 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 Summer Enrichment Program.

The John Henry Taylor Scholars Program is designed specifically for African American and Hispanic students pursuing baccalaureate 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 it provides opportunities for leadership. John Henry Taylor Scholars are invited to begin their studies in the Summer Enrichment Program.

The Student Support Services Program (SSSP) is a comprehensive support service that combines academic, personal and career counseling, tutoring, cultural enrichment, personal advocacy and mentoring for students who meet program eligibility guidelines. The primary objective of the Student Support Services Program is to equip qualified students with the skills and resources necessary for academic success and, ultimately, college graduation. The program is funded by the U.S. Department of Education. University of Delaware undergraduates, who will be the first in their immediate families to graduate from college with a four-year college degree, students who come from limited income backgrounds, and students who have a documented disability are encouraged to apply for the program.

For more information, please contact the Academic Services Center, George Evans House, 5 West Main Street, Newark, DE 19716, (302) 831-2805 or visit www.udel.edu/ASC.

NEED HELP WITH MATH?

The Math Tutorial Lab provides the following resources for students of Intermediate Algebra (MATH 010), Contemporary Mathematics (MATH 113), College Math and Statistics (MATH 114, MATH 170), Precalculus (MATH 115, MATH 117, MATH 171) and Calculus (MATH 241, MATH 221): Math problem assistance (limited tutorial assistance in mathematics provided by qualified undergraduate students, graduate students and instructor professionals), answer or solution manuals to math textbooks of courses mentioned above, library of Algebra, Precalculus, Trigonometry and Calculus textbooks, three computer stations with access to web materials. Location: 101C Ewing Hall. The Preparatory Mathematics Program also administers the Math Placement Exam and the Math Proficiency Exam. Information about these exams or other resources can be obtained on the web at www.math.udel.edu under 'Undergraduate Program.' Students who would like information about math tutors should contact the Academic Services Center at 831-2805.

IMPROVE YOUR WRITING SKILLS

The University Writing Center offers individualized consultations in writing to University students. Students at any level and from any discipline may attend the Center, at no charge. Students may schedule consultations on a one-time basis, or they may set up a regular course with an instructor. Writing Center instructors work both with writers who need an intensive program to succeed in University course work and with writers hoping to improve a particular aspect of their writing. Consultants are prepared to discuss any aspect of a student's writing: they can help writers decide on a topic, organize information, revise a draft, document sources, or self-edit for grammar, logic, spelling, word use, and punctuation. The emphasis of writing conferences is on teaching students to revise and edit their own work. In addition, the Center offers advice on prewriting strategies, essay exams, documentation styles, and thesis or dissertation writing.

The Writing Center also offers workshops upon request on such topics as writing research papers, writing in the different disciplines, preparing for essay exams, MLA and/or APA documentation, and using correct grammar and punctuation. International students may also attend the Writing Center for help with their communication skills.

Staff at the Writing Center include experienced full- and part-time faculty and teaching assistants from the Department of English. The Center, located in 016 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 p.m. to 9:00 p.m. on selected evenings. Although appointments are not always required, students are encouraged to reserve a time by calling the Center at (302) 831-1168. See the Center's website at www.english.udel.edu/wc.

SUPPORTING THE ACADEMIC SUCCESS OF ALL STUDENTS

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

A.S.P.I.R.E. (Academic Support Programs Inspiring Renaissance Educators), housed within the Delaware Center for Teacher Education, encourages undergraduate minority students to pursue a career in teaching. The program provides students with academic support through regular meetings with their academic advisor. In addition, tutors, study skills classes and study groups are available to ensure students' success. During scheduled meetings with other minority students in the various teacher education majors, students can discuss areas of professional development and mutual interest in a collegial atmosphere. For more information, call (302) 831-1641 or visit www.udel.edu/dcte/aspire/index.html.

Fortune 2000 is a comprehensive support program for minority students in the College of Business & Economics. Major components of the program include a comprehensive academic enrichment program and a year-round professional development program. Services include special academic advisement, tutoring and academic monitoring, scholarship information, interaction with faculty and industrial representatives, summer employment 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 or see www.be.udel.edu.

NUCLEUS (Network of Undergraduate Collaborative Learning Experience for Underrepresented Scholars) is an interdepartmental program in the College of Arts and Science. Funded by the Howard Hughes Medical Institute's Undergraduate Biological Sciences Education Program, its goal is to recruit, retain and graduate academically talented minority students majoring in the sciences. NUCLEUS assists minority students in attaining their bachelor's degrees and in entering graduate and health professional programs. Concentrating on mentoring and student advisement throughout the undergraduate career, this program provides comprehensive academic enhancement services. Academic monitoring, community outreach and undergraduate research opportunities create an environment that encourages positive integration and academic achievement. For further information, call (302) 831-3095 or visit our website at www.udel.edu/NUCLEUS.

RISE (Resources to Insure Successful Engineers) assists academically prepared African-American, Hispanic-American and Native-American students in attaining an engineering degree. A key component of the RISE Program is the Summer Academy, which takes place before the freshman year, providing a transitional period for incoming freshmen through a strictly regimented schedule, 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. For further information, call (302) 831-6315 or visit www.udel.edu/engg/rise.

ENSURING THAT ALL STUDENTS FEEL WELCOME

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 (www.udel.edu/diversity/) guides the University in carrying out these goals. Members of the commission are appointed by the President.

Promoting an improved environment for all students, faculty and staff is a primary goal of the Office of Affirmative Action and Multicultural Programs, which supports the functions of the Affirmative Action Office, the Campus Diversity Unit, including the Center for Black Culture and the Office of Women's Affairs, the Lesbian, Gay, Bisexual, Transgender (LGBT) Community Office, the Hispanic and Latin American council, and the task force and caucuses of the Commission to Promote Racial and Cultural Diversity.

Matters related to discrimination based upon race, ethnicity, gender, class, sexual orientation, disability, religion and acts of intolerance are addressed by this office. The office plans educational workshops for the campus community, drawing upon the talent and experience of faculty and staff. Under the leadership of the Assistant Vice President for Affirmative Action and Multicultural Programs, the office seeks to foster a greater awareness and understanding of issues that will promote an improved environment for students, faculty, and staff. The offices are located in Hullihen Hall, rooms 124 and 305-307. For further information, please contact (302) 831-8735.

UNDERSTANDING WOMEN'S ISSUES

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, acquaintance/date rape and sexual assault, and women's health and career concerns. The office coordinates programs and supportive services that encourage women to develop their intellectual talents, achieve academic objectives, identify long-term goals, and participate equally and fully in society. Support and confidential advice for women with concerns, including sexual harassment and possible grievances, are available. Call (302) 831-8063 for more information or visit www.udel.edu/OWA.

The University is committed to achieving equity for women and to responding to their concerns in all University endeavors. The Commission on the Status of Women (CSW–see www.udel.edu/CSW/), which reports to the President of the University, consists of faculty, staff, and students. The CSW identifies problem areas, makes recommendations for change, and works closely with the Office of Women's Affairs and other units to implement change. Recommendations have been implemented in the areas of safety; sexual assault; sexual harassment; sexism in the classroom; salary equity; child care; and recruitment, promotion, and retention of women. The CSW also initiates programs on women's and gender issues. The CSW sponsors awards and funding programs to recognize women's accomplishments, as well as the accomplishments of those men who work to promote women's issues. This includes the Student Travel Award Program, which provides funding for students presenting scholarly papers and participating in panel discussions.

IS ENGLISH YOUR SECOND LANGUAGE?

The English Language Institute is a University support service for foreign students who need to improve their language skills for graduate or undergraduate study. The Institute offers six levels of intensive language instruction, which address listening, speaking, reading and writing skills. For graduate and undergraduate students, the Institute offers two courses in English for academic purposes. One focuses on developing the oral/aural skills necessary for such academic activities as note taking, 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 access to computer-assisted instruction. Additional programs offered by the Institute include a testing preparation course to develop skills and strategies for taking the language proficiency sections of such tests as the TOEFL, business English courses, and a PREMBA program. Private tutoring in language skills also is available. The Institute is located at 189 West Main Street, Newark, DE. For further information, call (302) 831-2674 or visit www.udel.edu/eli.

WELCOMING MEMBERS OF OUR INTERNATIONAL COMMUNITY

Foreign Student and Scholar Services offers a support system for students–both undergraduate and graduate, as well as for students in the English Language Institute, and visiting scholars and their immediate families.

Services 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 also are available. Foreign Student and Scholar Services is located at 4 Kent Way. For more information, call (302) 831-2115 or visit www.udel.edu/IntlProg/fsss/index.html.

KEEPING OUR STUDENTS HEALTHY

The Student Health Service (SHS), nationally accredited by Accreditation Association for Ambulatory Health Care (AAAHC), 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 SHS is staffed by well-trained, fully licensed professionals. The physician staff are board certified, board eligible, or fellowship trained in the following specialties: family practice, pediatrics, gynecology, internal medicine, sports medicine, and adolescent medicine.

SHS physicians and nurses are available to see patients from 8:00 a.m. to 4:30 p.m., Monday through Friday. On-call physician coverage is maintained for telephone consultation on nights and weekends when the SHS is open. Students may see nurses, nurse practitioners, or physicians by appointment. Students without appointments are screened by a triage nurse; seriously ill patients are seen immediately and may be referred directly for hospital emergency care. Other patients are treated or scheduled for further care based on the urgency of the illness or injury.

Services include X-ray and laboratory testing, surgical treatment for minor lacerations, EKG testing, non-operative orthopedic services, emergency ambulance/medical transport services and consultation and referral for complex medical cases. Out-patient services also include an immunization clinic for allergy injections, routine immunizations and travel vaccines, gynecologic service, and a sports medicine clinic in the Bob Carpenter Sports/Convocation Center. Many prescription and over the counter medications are available in the SHS Dispensary. A number of prescription card plans as well as most major credit cards, checks, and cash are accepted for these medications. The SHS also provides equipment (sharps containers for lancets, needles, etc.) and information on the availability of other services on campus for the handling of infectious medical wastes (e.g., material contaminated with blood or other potentially infectious materials). Through its Self-Care Cold Clinic and Self-Care Wound Clinic, the SHS supports students with educational materials and some complementary over-the-counter medications, providing self-directed care for minor health problems.

The SHS also assists a sexual offense support (SOS) group to help survivors of sexual offense, and to provide individual education 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-rays, prescription drugs, orthopedic appliances, some special injections, P.P.D. tests, off-campus medical referrals and laboratory testing sent to private labs. The student health fee also supports the mental health services offered through the Center for Counseling and Student Development. Part-time matriculated students can receive health services by paying the health fee for full coverage, or by purchasing a particular service. The University sponsors an optional accident and sickness insurance program for all admitted full- and part-time students. All services listed are provided as of January, 2002 and are subject to change. For more information, call (302) 831-2226 or visit www.udel.edu/shs. To ensure confidentiality, do not use e-mail to correspond with SHS practitioners on personal health issues.

COUNSELING CARE TO MEET YOUR NEEDS

Services at the Center for Counseling and Student Development include individual counseling, group counseling, 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 psychologists, psychiatrists, and 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 freely discuss, 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, visit or call one of the campus centers: Room 261, Perkins Student Center (302) 831-2141 or 209 Laurel Hall (302) 831-8992.

HELPING ATHLETES MEET ACADEMIC GOALS

The University of Delaware is committed to promoting the academic and athletic achievement and personal development of its student-athletes. Toward that end, Student Services for Athletes (SSA)—a comprehensive program of support and life skills development—assists student athletes with making the best possible academic and personal adjustment to the University.

The staff of Student Services for Athletes works closely with coaches, faculty, and student services personnel to help student-athletes balance the demands of their academic responsibilities and participation in athletics. Student Services for Athletes directly assists student-athletes through counseling, academic support, workshops and programs, teaching, and publications.

SSA also serves student-athletes through co-sponsorship of the student-athlete advisory council and the HENS peer mentoring pro-

gram. The program serves the professional community through its research, training, and consultation activities, and by publishing and presenting to other professionals providing support services to student-athletes.

The SSA staff is comprised of professional staff, graduate students, and interns in both counseling psychology and athletic counseling, all experienced in general counseling issues as well as issues specific to student-athletes.

For additional information, please contact the offices of Student Services for Athletes in 108-G Delaware Field House, telephone (302) 831-4294, or visit the SSA web site at www.udel.edu/ssa.

ACCESSIBILITY FOR STUDENTS WITH DISABILITIES

The Americans with Disabilities Act (ADA) Office

The ADA Office is committed to providing equal access for students with permanent, documented physical and emotional disabilities. The Americans with Disabilities Act Office (ADA) assists students to be independent through reasonable accommodations that are determined on a case-by-case basis. It is the students' responsibility to self-identify as early as possible and meet with the Program Coordinator to discuss individual needs for access to programs and services. Please contact the ADA Coordinator by phone (302) 831-3670/4643, by TDD (302) 831-4563, by FAX (302) 831-3261, by e-mail, dfarris@udel.edu, or visit the web site at www.udel.edu/ADA. The office is located at 413 Academy St., Room 165, Newark, DE 19716.

The Academic Services Center-Students with learning disabilities and/or ADHD

The Academic Services Center (ASC) is committed to providing equal access for students with documented learning disabilities and/or ADHD. The University's Document Review Committee (DRC) reviews documentation submitted by students who request accommodations. Eligibility for reasonable accommodations is determined on a case-by-case basis utilizing established documentation guidelines. Students with disabilities who qualify for accommodations at both the ADA Office and the ASC may be accommodated at either location depending upon their needs. Please contact the Academic Services Center by phone (302) 831-2805/1639, or visit the web site at www.udel.edu/ASC. The ASC is located at the George Evans House, 5 West Main St., Newark, DE 19716.

Students with temporary disabling conditions should contact the Americans with Disabilities Act Office (ADA) to discuss temporary accommodations.

PREPARE FOR FUTURE SUCCESS WITH CAREER SERVICES

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

Career planning programs are available to assist students in preparing for employment. A special workshop series covers such topics as resume writing, vita and dossier preparation, interview techniques, and job search strategies. These and other programs are offered to students and alumni throughout the year. The newsletter Career News is circulated regularly throughout the year to share information about these special programs and other topics of career interest with students, faculty, and administrators. Students also may discuss career-related concerns in individual interviews with professional staff members.

Experiential programs include the Field Experience Program (credit and non-credit), internships, volunteer opportunities, and part-time and summer jobs. Resources are available for locating local, regional, national, and international internship and volunteer placements. Both undergraduate and graduate students may participate in these opportunities concurrently with classes, in the Summer or Winter Sessions, or during leave of absence from the University. Positions relate to a wide variety of academic disciplines. Local internships and part-time and summer jobs in the region are listed online at www.udel.edu/CSC/getexperience.html.

The Career Resource Center, a comprehensive library of career-related information, contains materials for students to use on site. Resources include books; experiential opportunities; trade publications; employer directories; occupational literature; graduate and professional school information; full-time vacancies; and part-time and summer job openings. Videotapes enable students to experience simulated interviews, learn company background information, and view career programs. Computer terminals in the Career Resource Center provide access to the World Wide Web. The center's home page (www.udel.edu/CSC/) introduces students to career-related events, job listings, employer information and graduate and professional schools worldwide.

Employment Services, including a Campus Interview Program, Credential Service, Resume Referral Service, Resume Builder, job fairs, and employer information are available to UD students nearing completion of their academic degrees. The Campus Interview Program includes more than 300 business, industry, government, and service organizations who visit the campus annually. An additional 600 employers request students' resumes through the Resume Referral Service. The Credential Service provides a centralized repository for reference materials for students and alumni. In addition, over 1000 new full-time job openings from local, regional, and national organizations reach the Career Services Center weekly.

The MBNA Career Service Center is located at 401 Academy Street. 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 or visit www.udel.edu/CSC/.

STANDARDIZED TESTING AT YOUR CONVENIENCE

The Registrar's Office offers GRE, GMAT, TOEFL, and PRAXIS testing at the Computer Based Testing Center located in Alison Hall Room 223. Testing appointments are Tuesdays through Saturdays, including Tuesday and Friday evenings. To make an appointment call the testing center's office at (302) 831-6717 Monday through Friday.

STUDENT LIFE AND ACTIVITIES

- **The Life of a Student Beyond the Classroom**
- **Student Government Represents You**
- **More than a Roof Over Your Head in the Residence Halls**
- **Our Centers of Student Life**
- **Explore Campus Religious Opportunities**
- **A Vibrant Cultural and Intellectual Community**
- **Showcasing Black Culture**
- **Musical Opportunities for All Students**
- **Expand Your Horizons at University Museums**
- **The Ink and Airwaves of Student Communications**
- **Join an Organization, or Start Your Own**
- **Fraternity and Sorority Life**
- **Blue Hens Winning Spirit**
- **The Sporting Life**
- **Helping You Stay Safe and Sound**
- **Your Car and Our Campus**
- **Identify Yourself**

THE LIFE OF A STUDENT BEYOND THE CLASSROOM

Under the leadership of a Vice President, the Division of Student Life endeavors to create a world-class, student-centered, living and learning environment that educates students to become the next generation of innovative leaders, outstanding professionals, and active and contributing citizens. In pursuit of this vision, the Division's Mission is to work with Academic Affairs and other units of the University to provide programs, activities, services, and facilities that foster student achievement of the following interrelated ideals: Academic Success; Leadership Development; Integrity — Academic, Personal, Professional; Responsibility — Personal, Social, & Civic; School Spirit & Pride; Wellness — Physical, Psychological, Emotional, Spiritual; Just & Civil Campus Community; Appreciation of Diversity; Career Awareness & Preparation; and Independence & Maturity. By extending the education process beyond the classroom, the Division provides opportunities for learning through involvement in student organizations, cultural and social activities, lecture series, and volunteer and community service.

The Division is committed to advocating for the rights and dignity of each student. We recognize that students come to our campus from a variety of backgrounds and with differing levels of experience in self-direction and self-governance. Therefore, when difficult situations arise, we stand ready to assist students in finding solutions to their problems through the many services provided by the Division. The Office of the Vice President for Student Life administers SPAN — the Student Problem-solving Action Network (www.udel.edu/SPAN) that assists students in finding answers to their problems. The Office also publishes the informative on-line Official Student Handbook www.udel.edu/stuhb.

Generally, University activities are open to both undergraduate and graduate students, but graduate students must pay nominal fees for some activities that are free to undergraduates. A calendar of events of interest to students is published on-line at www.udel.edu/studentevents, at www.mis4.udel.edu/udaily/UDaily and in the campus community newspaper, *UpDate*.

STUDENT GOVERNMENT REPRESENTS YOU

The **Delaware Undergraduate Student Congress (DUSC)** is the official student governing body of which all matriculated undergraduate students 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 interprets University policy to the student body and represents the approximately 170 Registered Student Organizations to the university administration.

DUSC consists of six executive officers elected through a campus wide vote. Committee chairs and members 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, or visit the DUSC website at http://copland.udel.edu/stu-org/dusc/.

The **Graduate Student Senate (GSS)** presents a forum through which graduate students from all the University of Delaware departments and programs can come together to share information, to represent graduate student opinion, and to discuss issues that affect graduate students. The GSS acts as an advocate for graduate students while fostering collegiality and professionalism. The GSS is charged broadly with several principal duties:

1. To foster a sense of connection among graduate students in all departments.

2. To represent an informed consensus of graduate student opinions and to advocate for those positions.
3. To serve as a forum for discussion of issues that affect graduate students, and as a vehicle for action on those issues.

Each graduate academic program or department is invited to send up to two representatives to the GSS. A list of Graduate Student Senators and other information about the GSS is available on the GSS website at http://copland.udel.edu/stu-org/GSSenate/gss/index.html.

MORE THAN A ROOF OVER YOUR HEAD IN THE 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.

Non-Smoking Policy. To further ensure the health and safety of the University community, all University-owned student housing on the Newark campus will be smoke-free, beginning with the Fall 2000 semester.

Single Undergraduate Housing. The University offers a number of housing options to suit the needs of single undergraduates:

- Traditional residence halls contain double rooms, single rooms, and some triple/quad rooms with shared bathroom facilities. A limited number of rooms share adjoining baths.
- The Pencader complex features single and double rooms, each with an outside entrance and direct access to bathroom facilities that serve six or twelve students.
- The Ray Street halls offer suite-style housing with two double rooms sharing an adjoining bath. The Ray Street complex accommodates students in Special Interest Housing communities as well as students not affiliated with these programs.
- The Christiana Towers apartment complex features furnished one- and two-bedroom units with bath, kitchenette, and a living/dining room.
- Many special living options are available in undergraduate housing. Some of these options are Living-Learning Communities: Honors Housing, Special Interest Communities, Study Abroad Floor and the Kosher option in the Christiana Towers.

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

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

All traditional and Ray Street halls are closed during regular vacation periods. Pencader residence halls remain open during vacations, and residents in these buildings may request to remain in their rooms during vacation periods for a nominal additional charge. Christiana Towers apartments remain open during vacations at no additional charge but close, like all other residences, at the end of the spring semester. Students in all areas are required to vacate and remove all personal belongings from their rooms within 24 hours after completion of their last final examination in the spring semester.

Additional information about on-campus housing can be found online at www.udel.edu/housing/. If you have questions please write or call Housing Assignment Services at 5 Courtney Street, Newark, DE 19716, (302) UD1-DORM (831-3676), or e-mail UD-Housing@udel.edu.

Graduate and Family Student Housing. Housing Assignment Services offers on-campus rooms and apartments to assist graduate students in making the transition to the University and Newark communities. These residences are located near the center of campus.

Single graduate students may choose from one- and two-bedroom apartments in the College Towne and Conover complexes and single rooms in the Graduate House on Lovett Avenue. All apartments are furnished.

Full-time graduate or undergraduate students who want to live with a spouse, children, or other individuals who constitute their family may choose housing in the Conover Apartments. Documentation of the family relationship is required. Most family apartments are furnished.

The occupancy period for graduate and family housing generally runs from August 15 through July 31 of the following year. August rent will be pro-rated depending upon the date of check-in. Monthly rent payments include cable television, local telephone service, computer network service, and all utilities. Students residing in graduate and family housing are not required to purchase a dining plan, although one can be purchased and used in nearby dining halls.

Additional information about on-campus housing can be found online at www.udel.edu/housing/. If you have questions please write or call Housing Assignment Services at 5 Courtney Street, Newark, DE 19716, (302) UD1-DORM (831-3676), FAX (302) 831-4266, or e-mail grad-family-housing@udel.edu.

OUR CENTERS OF STUDENT LIFE

The John A. Perkins Student Center and the E. Arthur Trabant University Center provide facilities and services for students, faculty, staff, alumni, and the community. The Centers' services include meeting rooms for campus groups, a number of student lounges, copy center, the Bacchus Theatre, the University Bookstore and Campus Shop, a full-service bank, the Hen Zone, a movie theatre, an information center, travel agency, and an exhibition area. The Centers offer billiards and sports television. There are extensive student dining facilities in the Centers.

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

The offices of several student organizations are located in the Trabant University Center including the Delaware Undergraduate Student Congress (DUSC), the Student Center Program Advisory Board (SCPAB), Resident Student Association, Returning Adult Student Association, and the Commuter and Off-Campus Organization. The Lesbian Gay Bisexual Student Union, WVUD 91.3 FM, and the Review student newspaper are among the student organizations housed in the Perkins Student Center. For additional information, see www.udel.edu/student-centers or call 831-1036.

EXPLORE CAMPUS 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, Chabad House, Church and Campus Connection, Episcopal Campus Ministry, Hillel, Intervarsity Christian Fellowship, Campus Crusade for Christ, Lutheran Student Association, Muslim Student Association, Presbyterian Campus Ministry, Thomas More Oratory, Warriors for Christ, Wesley Foundation, and Word of Life. For further information, contact (302) 831-2428 or see www.udel.edu/student-centers.

A VIBRANT CULTURAL AND INTELLECTUAL COMMUNITY

The Departments of Art, Music, and Theatre, along with the Trabant University Center, the Perkins Student Center, the Office of International Programs and Special Sessions, the Student Center Program Advisory Board, the Cultural Programs Advisory Board, and the Performing Arts Series offer a variety of concerts, films, theatre productions, and art exhibitions at the University. In addition, the Center for International Studies, the Student Centers, 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.

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 for interested members of the community. Students are given several opportunities to talk with these visitors at luncheons, dinners, or in informal conferences.

The Visiting Minority Scholars Program, sponsored by the Office of Affirmative Action/Multicultural Programs, offers lectures and colloquia by Black, Native-American, and Spanish-heritage scholars. The Winterthur Program in Early American Culture brings distinguished visiting scholars to the University to spend several days. The Lank Exchange Program encourages the exchange of cultural and scientific knowledge between the University of Delaware and the University of Montreal. Scholars from both universities 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.

For information on all events, call UD1-HENS (831-4367) or visit the UDaily web site at www.mis4.udel.edu/udaily/udaily.

SHOWCASING BLACK CULTURE

The Center for Black Culture was established in 1976 to provide support to Black students at the University of Delaware. The Center develops and implements quality educational, cultural and social programs that foster awareness of Black people from the United States, Caribbean and Africa. One of the primary goals of the Center is to educate the broader campus community on issues impacting the Black community. Some examples are the Annual Black Arts Festival, Kwanzaa, Opening Ceremony of Black History Month, Gospelrama and the Affairs of Race in America: A Conversation in Black and White. The Center has served as host of many notable speakers. The list includes: Nikki Giovanni, Cornel West, Bertrice Berry, Jawanza Kunjufu, Dick Gregory, Michael Eric Dyson and Tavis Smiley.

The Center provides leadership and resource support to various student organizations and University departments. The Center houses the Cultural Programming Advisory Board, the Each One Reach One Mentoring Program, the Black Student Union and other Black student organizations. The Center has a conference room, a computer room, a lounge area with library, and a television lounge. The Center is located on 192 South College Ave. For more information, please call (302) 831-2991 or email us at cbc@udel.edu or visit our website at www.udel.edu/CBC.

MUSICAL OPPORTUNITIES FOR ALL STUDENTS

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

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

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

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

EXPAND YOUR HORIZONS AT UNIVERSITY MUSEUMS

Two museums on the Newark campus provide a place for a casual visit with friends and parents or for serious academic study of the collections.

The **University Gallery,** located in historic Old College, presents exhibitions of regional and national importance and is a museum repository for art objects and cultural artifacts spanning the ancient period through the present. The University Gallery provides experiential learning opportunities for students interested in careers in the museum field.

The **University of Delaware Mineralogical Museum,** located in Penny Hall, is an internationally recognized repository of important mineral specimens from around the world. Its mission is to acquire, preserve, exhibit, research, and interpret minerals and related geological materials for the enjoyment and education of students and

the community at large.

For information on either museum program contact the Director of Museums: 114 Old College, University of Delaware, Newark, DE 19716. Ph: (302) 831-8242; Fax: (302) 831-8251; URL: www.museums.udel.edu.

THE INK AND AIRWAVES OF STUDENT COMMUNICATIONS

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

For more information:

- The Review: www.review.udel.edu or call (302) 831-2771
- WVUD: www.wvud.org or call (302) 831-2701

JOIN AN ORGANIZATION, OR START YOUR OWN

Over 170 Registered Student Organizations provide leadership experiences and special interest opportunities at the University. Students can choose from departmental clubs, professional societies, cultural associations, recreational, social, and educational activities. A complete list of registered organizations is included in the online *Official Student Handbook* and in the blue pages of the Campus Directory. Call 831-2428 for information or see www.udel.edu/student-centers

FRATERNITY & SORORITY LIFE

The Center for Fraternity & Sorority Life at the University offers students an opportunity to belong to one of the more than 40 active chapters of national fraternities and sororities on campus. The Student Centers oversees the Center for Fraternity & Sorority Life and advises all chapters and colonies as well as their respective coordinating councils - the Interfraternity Council, the Panhellenic Council, the National Pan Hellenic Council, and the Greek Council. For information call the office at (302) 831-2631; www.udel.edu/student-centers/FandS.

BLUE HENS WINNING SPIRIT

The Intercollegiate Athletics Program includes 23 varsity sports, 11 for men and 12 for women, including nationally-recognized programs in football, baseball, men's and women's basketball, men's and women's lacrosse and women's field hockey. All programs, except football, compete for overall athletic excellence within the Colonial Athletic Association.

Delaware competes for athletic championships in NCAA Division I. The football program competes in Division I-AA through the Atlantic-10 Football Conference. Delaware also competes for championships as a member of the ECAC and IC4A. In recent years, numerous University student-athletes have been named Academic All-Americans and seven have been awarded the prestigious NCAA Post-Graduate Scholarship.

The University's athletic facilities are among the finest in the East with the 22,000-seat Delaware Stadium (football); the Bob Carpenter Center which is a 5,000-seat multi-purpose building that houses the Blue Hen basketball and football programs, as well as some Athletics administrative offices; the 2,000-seat lighted Fred P. Rullo Stadium, an artificial turf facility with two full practice fields that overlap a game field (field hockey, men's and women's lacrosse); the Delaware Field House, which includes one of the region's finest indoor track facilities and the lighted outdoor Delaware Field House Courts (men's and women's tennis); Delaware Field (softball); Bob Hannah Stadium (baseball); a lighted all-weather outdoor track surrounding a grass field (men's and women's soccer); several other game and practice fields and Carpenter Sports Building which is home to Barbara Viera Court (volleyball) and the Harry W. Rawstrom Natatorium (men's and women's swimming and diving).

For more information, visit www.udel.edu/sportsinfo or call (302) UD1-HENS (831-4367) for ticket information.

THE SPORTING LIFE

The Recreation Services Program contributes to the individual's overall educational experience through high quality programs, newly renovated facilities, and services. This is achieved by providing opportunities for involvement in activities that are physically, mentally, and emotionally challenging, and by helping individuals utilize resources that promote ethical and healthy lifestyle choices. The Recreation Services Program includes the following services for undergraduate and graduate students.

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

Intramural Programs. The University provides an extensive intramural program for men and women. Usually more than half of the student body participates in some aspect of the program. Intramural sports are those played on the University campus among students, faculty and staff. All full-time students and employees are eligible to play. There are more than 30 different sports offered over the course of the school year. Teams may represent dorms, clubs, fraternities, sororities, or simply a group of friends. Leagues and tournaments are established for men's women's and coed divisions on three levels of competition. Registration is ongoing throughout the year. For more information call 831-2539, stop in 134 CSB, or visit www.udel.edu/recreation/int.

Fitness. The Fitness Center consists of five facilities across campus: the **Student Fitness Center** in Carpenter Sports Building which contains aerobic equipment, weight machines, treadmills, bikes, steppers, total body conditioners and free weights; the **Harrington Fitness Center** on east campus with cardiovascular equipment, single station resistance equipment and a specialized aerobics room; the **Pencader Fitness Center**, located on north campus, with cardiovascular equipment, selected free weights and single station resistance equipment; **Rodney Fitness Center** with state of the art cardiovascular equipment and some weight training equipment; and the **Employee Fitness Center** located in Carpenter Sports Building. The **Fitness Center Programs** offer classes in aerobics, step aerobics, weight training, yoga, aqua aerobics, kickboxing, abs, spinning and self-defense. Check out www.udel.edu/fitness for more information.

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 and information on local outdoor recreation areas; areas; the Indoor Climbing Wall with supervised instruction and practice to

develop and improve one's skills; and outdoor instructional programs in rock climbing, bicycling, camping, backpacking, etc. Programs are offered throughout the academic year. All these programs are scheduled to provide students with a safe learning experience and 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.

Club Sports. Recreation Services supports a wide variety of student-run competitive club sports. Club sports exists to provide students the opportunity to engage in high level extramural competition while gaining experience in leadership and organization. The students elect officers, create their own competitive schedules, organize travel arrangements, budget and plan financial transactions, establish their own bylaws and attend meetings held by the Office of Club Sports. The STUDENTS are the club, but work in conjunction with the Director of Club Sports and adhere to specific rules and regulations of the University. Currently the University sponsors 23 different club sport programs. If you are interested in club sports, visit our web site at www.udel.edu/clubsports, or call 831-2259.

HELPING YOU STAY SAFE AND SOUND

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: 9-911.

The Police Division of the Department of Public Safety is staffed by 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. Staff in the Security Division receive departmental training and assist the University Police by performing non-law enforcement duties.

The most recent annual report of campus crime statistics is included in the online *Official Student Handbook*. A copy is available, upon request, from the Department of Public Safety, University of Delaware, Newark, DE 19716, phone (302) 831-2222 or visit www.udel.edu/PublicSafety.

YOUR CAR AND OUR CAMPUS

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 online and from the Parking Services 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 Parking Services and display a current parking permit. This requirement is in force at all times throughout the year.

Car pools are encouraged and car pool permits are available at special rates. 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.

For more information, call (302) 831-1184 or visit www.udel.edu/PublicSafety/parkingservices.htm.

IDENTIFY YOURSELF

All students must carry a valid UD#1 CARD (identification card). Privileges accessible with the UD#1 CARD are determined by course enrollment, classification, status, account balances, etc. The UD#1 CARD may be linked to a student's bank account at Wilmington Savings Fund Society and used as a debit card.

New and replacement cards can be obtained at the Student Services Building on Lovett Avenue in Newark, phone (302) 831-2759. Lost/stolen cards should be reported immediately, 24 hours a day, by dialing (302) UD#1 CARD (831-2273). For more information, visit www.udel.edu/Registrar/udcard.html.