

UNIVERSITY OF
DELAWARE

2008-2009
UNDERGRADUATE &
GRADUATE CATALOG

ON THE COVER

The University of Delaware has embarked on a Path to Prominence. Along the way, Delaware students engage closely with critical issues of our day through discovery and experiential learning. Many students throughout the University participate in UD's Undergraduate Research Program, bringing true learning to life. In addition, our students benefit from innovative partnerships between the University and the private sector. Currently, students of Engineering, Physical Therapy, Biological Sciences, and Health and Exercise Sciences collaborate with doctors and scientists at the A. I. duPont Children's Hospital. Art Conservation students have access to 26 conservation studios, laboratories, examination rooms, and workshops at the Winterthur Museum & Country Estate.



Now, students across disciplines will learn to trade commodities and securities at the University's new Exelon Trading Center, located in the Lerner College of Business & Economics. The Center represents an asset that fewer than five percent of business schools in the country possess. Funded in part by a \$500,000 donation by Exelon – and conceived by Exelon Power Team trader and UD alumnus Frank Henshaw – the Center also represents the University's goal of bringing academia and industry together.

Whether your goals involve trading millions on the floor of the Chicago Mercantile Exchange or trading your U.S. digs for a Hong Kong high rise, you will find the resources you need at the University of Delaware. Discover the courses and requirements for hundreds of majors and minors in the 2008-09

Undergraduate & Graduate Catalog. Create your own experiences and opportunities with a University of Delaware degree.

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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; and descriptions of degree requirements. You can access the online catalog anytime at <http://udcatalog.udel.edu/>.

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.

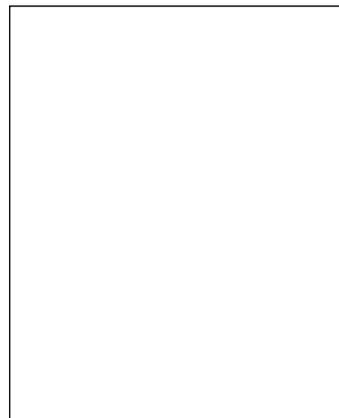
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UNDERGRADUATE & GRADUATE
CATALOG

UNIVERSITY OF DELAWARE
2008-2009

A MESSAGE TO STUDENTS



Welcome to the University of Delaware and to a new and exciting time in your life. This is a great institution with a vibrant history and an unlimited future, a wonderful place to learn and to grow. Delaware possesses a wealth of academic options combined with a great spirit and energy and a commitment to excellence that clearly sets us apart from other colleges and universities.

The University of Delaware's commitment to excellence began in 1743, when the Rev. Francis Alison founded the small private academy to which UD traces its roots. Much has changed over the more than two and half centuries since then, but one thing has remained constant—an understanding of the value of education and its importance in preparing individuals to be active and productive citizens of this country and the world.

Whether you are entering UD as an undergraduate or a graduate student, this catalog will help you chart your course to an exciting and successful educational journey at the University.

If you are an undergraduate, you will have the opportunity to choose from among 125 majors and 75 minors. Whatever academic path you choose, you will find dedicated and talented faculty, who are leaders in their respective fields. You also will find a campus-wide commitment to undergraduate education; it is not uncommon at Delaware to find senior faculty members teaching freshman courses.

To gain the most from your undergraduate experience, your work with faculty must extend beyond the classroom. Active, discovery-based learning is a signature feature of a UD education, and it is one that you should take advantage of starting in your freshman year. UD is also a national leader in providing undergraduate research opportunities and most UD faculty, including more than 90 percent of our science and engineering faculty, sponsor undergraduate research. UD also offers many opportunities for service learning. I encourage you to visit the Office of Undergraduate Research and the Office of Service Learning soon after you arrive on campus.

Your undergraduate experience needs to prepare you for citizenship in a global society. In 1923, the University sponsored the first study abroad program in the U.S., and today UD ranks first among all public universities in the percentage of students who study abroad. We now offer students over 70 programs on all seven continents, each one led by UD faculty. As well, we are developing important new relationships with institutions from China to Chile.

If you are entering as a new graduate student, you will soon find that UD is a major graduate university with about 3,500 graduate students studying in 43 doctoral and 110 masters programs. Many UD graduate programs are ranked among the best in their fields.

Whatever program you pursue, you will have the opportunity to study with highly acclaimed scholars working at the frontiers of their fields. You will also have access to advanced research facilities, including a library that is one of the largest in North America.

I strongly encourage you to take advantage of the many opportunities available to you on our campus and in our community. Challenge yourself academically, indulge your passion for learning, be a responsible citizen in our community, and make the most of the Delaware experience.

Sincerely,

Patrick T. Harker
President

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**A COMPLETE LIST OF UD FACULTY AND STAFF IS AVAILABLE
ONLINE. SPECIFIC URLS CAN BE FOUND UNDER
DEPARTMENT AND PROGRAM DESCRIPTIONS IN THIS
CATALOG.**

CONTENTS

General Information

A Message to Students	iii
University Trustees and Administration	iv
Synopsis of Baccalaureate Degree Programs	vi
Synopsis of Honors Baccalaureate Degree Programs	viii
Synopsis of Undergraduate Minors	ix
Synopsis of Graduate Degree Programs	xi
University Calendar	xiii
The University	1
Research Centers, Institutes and Special Facilities	5
Flexible Programs Promote Lifelong Learning	17
Fees and Financial Aid	21
Resources for Students	29
Student Life and Activities	37

Undergraduate Programs

Undergraduate Admissions	45
Opportunities to Enrich Your Undergraduate Education	51
Academic Regulations for Undergraduates	59
Academic Programs	
College of Agriculture and Natural Resources	73
College of Arts and Sciences	89
College of Business and Economics	171
College of Engineering	185
College of Health Sciences	199
College of Human Services, Education and Public Policy	215
College of Marine and Earth Studies	227

Graduate Programs

Graduate Admissions	235
Graduate Fellowships and Assistantships	239
Academic Regulations for Graduate Students	243
Academic Programs	
College of Agriculture and Natural Resources	255
College of Arts and Sciences	263
College of Business and Economics	291
College of Engineering	301
College of Health Sciences	309
College of Human Services, Education and Public Policy	317
College of Marine and Earth Studies	329

Reference Material

Interpretation of Course Numbers and Symbols	337
Course Listings	338
Index	522

SYNOPSIS OF BACCALAUREATE DEGREE PROGRAMS

<p>COLLEGE OF AGRICULTURE AND NATURAL RESOURCES</p>	<p><i>Bachelor of Science</i></p>	<p>Agriculture and Natural Resources Agricultural Education Animal and Food Sciences Engineering Technology (includes Applied Electronics and Controls, and Construction Technology and Technical Management) Entomology Environmental Soil Science Food and Agribusiness Management (includes Food Marketing) Food Science Landscape Horticulture and Design (includes Landscape Horticulture,</p>	<p>Landscape Design, and Public Horticulture) Natural Resource Management Plant Protection Plant Science Pre-Veterinary Medicine and Animal Biosciences Resource Economics (includes Environmental Economics and Sustainable Development) Statistics Wildlife Conservation</p>
<p>COLLEGE OF ARTS AND SCIENCES</p>	<p><i>Bachelor of Arts</i></p>	<p>Ancient Greek and Roman Studies Anthropology Anthropology Education Art Art History Biological Sciences Biological Sciences Education Black American Studies Chemistry Chemistry Education Communication (includes Interpersonal, Mass Communication) Comparative Literature Computer Science European Studies Criminal Justice East Asian Studies English (includes, Creative Writing, Drama, Ethnic/Cultural Studies, Film, Literary Studies, Professional Writing) 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 German Education German/Political Science History (includes American History, European History, and World History) History Education History/Classics History/French</p>	<p>History/German History/Russian History/Spanish International Relations Italian Education Latin American Studies Latin Education Material Culture Preservation Mathematical Sciences Mathematics Education Music (includes Music Management Studies) Philosophy Physics Physics Education Political Science (includes American Politics, Global Studies, Public Law, Public Policy and Administration) Political Science Education Psychology Psychology Education Sociology (includes Emergency and Environmental Management, Health Services, Law and Society, and Social Welfare) Sociology Education Spanish Education Spanish/Political Science Women's Studies</p>
	<p><i>Bachelor of Arts in Liberal Studies</i></p>	<p>Liberal Studies</p>	
	<p><i>Bachelor of Fine Arts</i></p>	<p>Fine Arts</p>	<p>Visual Communications</p>
	<p><i>Bachelor of Music</i></p>	<p>Applied Music—Instrumental (Winds, Strings, and Percussion) Applied Music—Keyboard (Piano, Organ, Harpsichord) Applied Music—Guitar Applied Music—Voice</p>	<p>Music Theory/Composition Music Education—Instrumental (Winds, Strings, and Percussion) Music Education—General/Choral (includes Piano, Voice)</p>
	<p><i>Bachelor of Science</i></p>	<p>Biochemistry Biological Sciences (includes Biotechnology, Cellular and Molecular Biology and Genetics, Ecology and Organismic Biology) Chemistry (includes Environmental Chemistry) Cognitive Science Computer Science</p>	<p>Environmental Science Information Systems Mathematical Sciences Mathematics Education Mathematics and Economics Physics (includes Astronomy/Astrophysics) Psychology Quantitative Biology</p>

SYNOPSIS OF BACCALAUREATE DEGREE PROGRAMS (*continued*)

ALFRED LERNER COLLEGE OF BUSINESS AND ECONOMICS	<i>Bachelor of Arts</i>	Economics (includes Applied Economics, Economic Theory and Econometrics, Economics Education)	
	<i>Bachelor of Science</i>	Accounting Economics (includes Applied Economics, Economic Theory and Econometrics) Finance Hotel, Restaurant and Institutional Management	International Business Studies Management Information Systems Management Marketing Operations Management
COLLEGE OF ENGINEERING	<i>Bachelor of Chemical Engineering</i>	Chemical Engineering	
	<i>Bachelor of Civil Engineering</i>	Civil Engineering	
	<i>Bachelor of Computer Engineering</i>	Computer Engineering	
	<i>Bachelor of Electrical Engineering</i>	Electrical Engineering	
	<i>Bachelor of Environmental Engineering</i>	Environmental Engineering	
	<i>Bachelor of Mechanical Engineering</i>	Mechanical Engineering	
COLLEGE OF HEALTH SCIENCES	<i>Bachelor of Science</i>	Applied Nutrition Athletic Training Dietetics Exercise Science (includes Biomechanics, and Exercise Physiology) Health Behavior Science (includes Fitness Management, and Leisure Service	Management) Health and Physical Education Health Studies Medical Technology Nutritional Sciences Sport Management
	<i>Bachelor of Science in Nursing</i>	Nursing	Baccalaureate for the Registered Nurse (B.R.N.)
COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY	<i>Bachelor of Arts in Educational Studies</i>	Educational Studies	
	<i>Bachelor of Science in Education</i>	Elementary Teacher Education	
	<i>Bachelor of Science</i>	Apparel Design Early Childhood Education Fashion Merchandising Human Services (Clinical Services,	Administration & Family Policy) Human Services, Education and Public Policy Leadership
COLLEGE OF MARINE AND EARTH STUDIES	<i>Bachelor of Arts</i>	Earth Science Education	Geology
	<i>Bachelor of Science</i>	Geology	

SYNOPSIS OF HONORS BACCALAUREATE DEGREE PROGRAMS

<p>COLLEGE OF AGRICULTURE AND NATURAL RESOURCES</p>	<p>Animal Science, BS Dean’s Scholar in Agricultural and Natural Resources, BS Entomology, BS Environmental Soil Science, BS Food and Agribusiness Management, BS</p>	<p>Food Science and Technology, BS Landscape Horticulture, BS Natural Resource Management, BS Plant Science, BS Resource Economics, BS Wildlife Conservation, BS</p>
<p>COLLEGE OF ARTS AND SCIENCES</p>	<p>Ancient Greek and Roman Studies, BA Anthropology, BA Anthropology Education, BA Art History, BA Biochemistry, BS Biological Sciences, BA and BS Biological Sciences Education, BA Chemistry, BS Chemistry Education, BA Cognitive Science, BA Communication, BA Computer Science, BA and BS Criminal Justice, BA Dean’s Scholar in Arts and Sciences East Asian Studies, BA English, BA English Education, BA European Studies, BA Foreign Languages/Political Science, BA Foreign Languages-Three Languages, BA French Studies, BA French Education, BA Geography, BA Geography Education, BA German Studies, BA German Education, BA History, BA History Education, BA</p>	<p>History/Foreign Languages, BA Information Systems, BS International Relations, BA Italian Studies, BA Italian Education, BA Latin American Studies, BA Latin Education, BA Liberal Studies, BAL.S. Material Culture Preservation, BA Mathematical Sciences, BA and BS Mathematics and Economics, BS Mathematics Education, BA Music: BA, BM (Applied Music, Music Education, and Theory/Composition) Philosophy, BA Physics, BA and BS Physics Education, BA Political Science, BA Political Science Education, BA Psychology, BA Psychology Education, BA Russian Studies, BA Sociology, BA Spanish Studies, BA Spanish Education, BA Women’s Studies, BA</p>
<p>ALFRED LERNER COLLEGE OF BUSINESS AND ECONOMICS</p>	<p>Accounting, BS Economics, BA and BS Economics Education BS Finance, BS Hotel, Restaurant and Institutional Management, BS</p>	<p>International Business Studies, BS Management, BS Marketing, BS Operations Management, BS</p>
<p>COLLEGE OF ENGINEERING</p>	<p>Chemical Engineering, BChE Civil Engineering, BCE Computer Engineering, BCpE</p>	<p>Electrical Engineering, BEE Environmental Engineering, BEnE Mechanical Engineering, BME</p>
<p>COLLEGE OF HEALTH SCIENCES</p>	<p>Applied Nutrition, BS Athletic Training, BS Dean’s Scholar in Health Sciences Dietetics, BS Exercise Science, BS Health and Physical Education, BS</p>	<p>Health Behavior Science, BS Medical Technology, BS Nursing, BSN. Nutritional Sciences, BS Sport Management, BS</p>
<p>COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY</p>	<p>Apparel Design, BS Dean’s Scholar in Human Services, Education and Public Policy, BS Early Childhood Education, BS Elementary Teacher Education, BS</p>	<p>Human Services, BS Fashion Merchandising, BS Leadership, BS</p>

SYNOPSIS OF UNDERGRADUATE MINORS

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES	Animal Science.....Limin Kung – lksilage@udel.edu Engineering Technology.....William Ritter – writer@udel.edu Entomology.....Jacob Bowman – jlbowman@udel.edu Environmental Soil Science.....David Frey – dfrey@udel.edu Food and Agribusiness Management.....Steven Hastings – hastings@udel.edu Food Science.....Limin Kung – lksilage@udel.edu Landscape Horticulture.....David Frey – dfrey@udel.edu Operations Research.....Tom Ilvento – ilvento@udel.edu Resource Economics.....Steven Hastings – hastings@udel.edu Statistics.....Tom Ilvento – ilvento@udel.edu Wildlife Conservation.....Jacob Bowman – jlbowman@udel.edu
COLLEGE OF ARTS AND SCIENCES	African Studies.....Kelebogile Setiloane – ksetil@udel.edu Material Culture Studies.....Debby Andrews – dandrews@udel.edu Anthropology.....Kenneth Ackerman – ackerman@udel.edu Art.....Vera Kaminski – vera@udel.edu Art History.....H. Perry Chapman – pchapman@udel.edu Astronomy.....Norbert Mulders – nmulders@udel.edu Biochemistry.....John Burmeister – jlburm@chem.udel.edu Bioinformatics.....Keith Decker – decker@udel.edu Biology.....David Smith – dwsmith@udel.edu Black American Studies.....Yasser Payne – ypayne@udel.edu Chemistry.....John Burmeister – jlburm@chem.udel.edu Cognitive Science.....Peter Cole – pcole@udel.edu Comparative Literature.....Deborah Steinberger – steind@udel.edu Computational Biology.....David Usher – dusher@udel.edu Computer Science.....Keith Decker – decker@udel.edu East Asian Studies.....David Pong – dpong@udel.edu English.....Kristen Poole – kpoole@udel.edu Foreign Languages: Ancient Greek and Roman Studies.....Annette Giesecke – alg@udel.edu Chinese.....Jianguo Chen – chenjia@udel.edu French, French Studies.....Edgard Sankara – esankara@udel.edu German, German Studies.....Elizabeth Thibault – lisat@udel.edu Italian.....Laura Salsini – lsalsini@udel.edu Japanese.....Mark Miller – markm@udel.edu Russian.....Susan Amert – amert@udel.edu Spanish, Spanish Studies.....America Martinez – aml@udel.edu Geography.....Tracy Deliberty – tracyd@udel.edu History.....Anne Boylan – aboylan@udel.edu Irish Studies.....John Montano – jpmont@udel.edu Interactive Media.....Phillip Conrad – pconrad@udel.edu Islamic Studies.....Muqtedar Khan – mkhan@udel.edu Jewish Studies.....David Silver – dsilver@udel.edu Journalism.....Ben Yagoda – byagoda@udel.edu Latin American Studies.....Julio Carrion – jcarrion@udel.edu Legal Studies.....Sheldon Pollack – pollack@udel.edu Linguistics.....Peter Cole – pcole@udel.edu Mathematics.....Gilberto Schleiniger – schleini@math.udel.edu Medical Humanities.....Mark Greene – mkgreene@udel.edu Medieval Studies.....Daniel Callahan – dfcao@udel.edu Music: Applied Music: Orchestral instruments (winds, strings, and percussion); keyboard (piano, organ, harpsichord); guitar; voice.....Mary Dunnack – mdunnack@udel.edu Jazz Studies.....Tom Palmer – jtpalmer@udel.edu Church Music.....David Herman – herman@udel.edu Music Management Studies.....John Sarro – jsarro@udel.edu Musical Studies.....Mary Dunnack – mdunnack@udel.edu Philosophy.....Katherin Rogers – krogers@udel.edu Physics.....Norbert Mulders – mulders@udel.edu Political Science.....Kenneth Campbell – kjcamp@udel.edu Psychology.....Beth Morling – morling@udel.edu Religious Studies.....Alan D. Fox – afox@udel.edu Sexualities and Gender Studies.....R. Gary Ferguson – ferguson@udel.edu Sociology.....Jeffrey L. Davidson – doctorj@udel.edu Theatre.....Joann Browning – jbrownin@udel.edu Performance Studies Theatre Production Theatre Studies Women's Studies.....Jessica Schiffman – jesss@udel.edu
ALFRED LERNER COLLEGE OF BUSINESS AND ECONOMICS	Business Administration.....Sandra M. Fields – fields@lerner.udel.edu Economics.....Eleanor Craig – craige@lerner.udel.edu Entrepreneurial Studies.....Scott Jones – sjones@udel.edu International Business.....Sandra M. Fields – fields@lerner.udel.edu Management Information Systems.....Diane Wright – wrightd@lerner.udel.edu
COLLEGE OF ENGINEERING	Biochemical Engineering.....Anne Robinson – robinson@che.udel.edu Bioelectrical Engineering.....Takashi Buma – buma@ece.udel.edu Biomedical Engineering.....Michael Keefe – keefe@me.udel.edu Civil Engineering.....Harry Shenton – shenton@ce.udel.edu Environmental Engineering.....Pei Chiu – pei@ce.udel.edu Nanoscale Materials.....Ismat Shah – ismat@udel.edu Materials Science and Engineering.....Ismat Shah – ismat@udel.edu Sustainable Energy Technology.....Raul Lobo – lobo@udel.edu

SYNOPSIS OF UNDERGRADUATE MINORS (continued)

<p>COLLEGE OF HEALTH SCIENCES</p>	<p>Coaching Science.....John Schuster – schuster@udel.edu Figure Skating CoachingMichelle Provost-Craig – provost@udel.edu NutritionSandra Baker – bakers@udel.edu Strength and ConditioningJeff Schneider – iceatc@udel.edu</p>
<p>COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY</p>	<p>Disabilities StudiesLaura Eisenman – eisenman@udel.edu Educational Studies.....David Blacker – blacker@udel.edu LeadershipAudrey Helfman – ahelfman@udel.edu</p>
<p>COLLEGE OF MARINE AND EARTH STUDIES</p>	<p>Coastal and Marine GeoscienceSue McGeary – smcgeary@udel.edu GeologySue McGeary – smcgeary@udel.edu Marine StudiesFrank Newton – fanewt@udel.edu</p>

SYNOPSIS OF GRADUATE DEGREE PROGRAMS

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES	<i>Master of Arts</i>	Agricultural and Technology Education	
	<i>Master of Science</i>	Agricultural and Resource Economics Animal Science Bioresources Engineering Entomology Food Science	Operations Research Plant and Soil Sciences Public Horticulture Statistics Wildlife Ecology
	<i>Doctor of Philosophy</i>	Animal Science Entomology and Wildlife Ecology	Operations Research Plant and Soil Sciences
COLLEGE OF ARTS AND SCIENCES	<i>Master of Arts</i>	American Material Culture Art History Chemistry and Biochemistry Communication Criminology English Foreign Languages and Literatures Foreign Languages and Pedagogy	Geography History Liberal Studies Linguistics and Cognitive Science Political Science and International Relations Psychology Sociology
	<i>Master of Fine Arts</i>	Fine Arts Theatre	
	<i>Master of Music</i>	Music (includes Performance, Teaching and Composition)	
	<i>Master of Science</i>	Applied Mathematics Art Conservation Biological Sciences Biomechanics and Movement Science (interdisciplinary)	Chemistry and Biochemistry Computer Science Geography Mathematics Physics
	<i>Doctor of Philosophy</i>	Applied Mathematics Art History Biological Sciences Biological Sciences/Business Administration Biomechanics and Movement Science (interdisciplinary) Chemistry and Biochemistry Computer Science Criminology English	History Geography Linguistics Mathematics Physics Political Science and International Relations Preservation Studies Psychology Sociology
	<i>Doctor of Philosophy/Master of Business Administration</i>	Biological Sciences/Business Administration	
	<i>Doctor of Physical Therapy</i>	Physical Therapy	
ALFRED LERNER COLLEGE OF BUSINESS AND ECONOMICS	<i>Master of Arts</i>	Economics Economics and Entrepreneurship for	Educators
	<i>Master of Arts/ Master of Business Administration</i>	Economics/Business Administration	
	<i>Dual MBA and Engineering Master's Programs:</i>	<i>See the College of Engineering</i>	
	<i>Master of Business Administration</i>	Business Administration	
	<i>Master of Business Administration/ Master of Science</i>	Business Administration/Organizational Effectiveness, Development and Change Business Administration/Information Systems and Technology Management	
	<i>Master of Science</i>	Accounting Economics Finance Hospitality Information Management Information Systems and	Technology Management Organizational Effectiveness, Development and Change Finance
	<i>Doctor of Philosophy/Master of Business Administration</i>	Biological Sciences/Business Administration	
	<i>Doctor of Philosophy</i>	Economics	
COLLEGE OF ENGINEERING	<i>Master of Applied Sciences</i>	Civil Engineering	
	<i>Master of Applied Science/MBA</i>	Civil Engineering/Business Administration	
	<i>Master of Chemical Engineering</i>	Chemical Engineering	
	<i>Master of Chemical Engineering/MBA</i>	Chemical Engineering/Business Administration	

SYNOPSIS OF GRADUATE DEGREE PROGRAMS (continued)

COLLEGE OF ENGINEERING (continued)	<i>Master of Civil Engineering</i>	Civil Engineering	
	<i>Master of Civil Engineering/MBA</i>	Civil Engineering/Business Administration	
	<i>Master of Science</i>	Biomechanics Electrical and Computer Engineering	Mechanical Engineering (thesis) Ocean Engineering
	<i>Master of Science /MBA</i>	Electrical and Computer Engineering/Business Administration	Mechanical Engineering (thesis)/Business Administration
	<i>Master of Engineering: Mechanical</i>	Mechanical Engineering (non-thesis)	
	<i>Master of Engineering: Mechanical/MBA</i>	Mechanical Engineering (non-thesis)/Business Administration	
	<i>Master of Materials Science and Engineering</i>	Materials Science and Engineering	
	<i>Master of Materials Science and Engineering/MBA</i>	Materials Science and Engineering/Business Administration	
	<i>Doctor of Philosophy</i>	Chemical Engineering Civil Engineering Electrical and Computer Engineering	Materials Science and Engineering Mechanical Engineering Ocean Engineering
COLLEGE OF HEALTH SCIENCES	<i>Master of Science</i>	Biomechanics Exercise Science Health Promotion Health Services Administration	Human Nutrition Human Nutrition/Dietetic Internship Program
	<i>Master of Science in Nursing</i>	Nursing (Includes Adult Nurse Practitioner, Clinical Nurse Specialist, Family Nurse Practitioner, Health Services Administration, and Neonatal Nurse Practitioner Certification)	
	<i>Doctor of Philosophy</i>	Biomechanics and Movement Science (Interdisciplinary)	
	<i>Certificate Programs</i>	Nutrition and Dietetics Certificate Program	Post-Master's Certificate Program in Nursing
COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY	<i>Master of Arts</i>	Counseling in Higher Education Education School Psychology	Teaching English as a Second Language Urban Affairs and Public Policy
	<i>Master of Education</i>	Curriculum and Instruction School Leadership Higher Education	Educational Technology Exceptional Children and Youth Reading
	<i>Master of Environmental and Energy Policy</i>	Environmental and Energy Policy	
	<i>Master of Instruction</i>	Instruction	
	<i>Master of Public Administration</i>	Public Administration	
	<i>Master of Science</i>	Fashion Studies Human Development and Family	Studies
	<i>Education Specialist</i>	School Psychology	
	<i>Doctor of Education</i>	Educational Leadership	
	<i>Doctor of Philosophy</i>	Education Environmental and Energy Policy	Human Development and Family Studies Urban Affairs and Public Policy
	<i>Certificate Program</i>	<i>Socially Responsible and Sustainable Apparel Business</i>	
COLLEGE OF MARINE AND EARTH STUDIES	<i>Master of Marine Management</i>	Marine Management	
	<i>Master of Marine Policy</i>	Marine Policy	
	<i>Master of Science</i>	Geology Marine Studies	Ocean Engineering
	<i>Doctor of Philosophy</i>	Geology Marine Studies	Oceanography Ocean Engineering



UNIVERSITY CALENDAR

FALL SEMESTER 2008

Friday, August 1

Late registration and change of registration begins.

Friday, August 29

Deadline for admission to doctoral candidacy for degrees to be conferred in December 2008 or February 2009.

Sunday, August 31

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

Fall DelaWorld begins.

Monday, September 1

Holiday, University offices closed; classes suspended.

Monday, September 1

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

Tuesday, September 2

New Student Convocation: 10:30 a.m.

Advisement and registration.

Residence halls check-in for returning students: 11:00 a.m. to 3:00 p.m.

Wednesday, September 3

Classes begin at 8:00 a.m.

Monday, September 15

Deadline for filing application for graduate degrees to be conferred in December 2008.

Tuesday, September 16

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. No tuition refund for course withdrawals after this date.

Deadline for undergraduate students for completion of deferred examinations and incomplete work (grade I) from Spring Semester 2008 and 2008 Summer Sessions.

Friday-Sunday, September 26-28

Parents and Family Weekend.

Monday, September 29

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

Wednesday, October 8

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

Monday, October 13

Registration begins for Winter Session, 2009.

Friday, October 17

Freshman midterm marking period ends.

Friday, October 17

Deadline for graduate students for completion of deferred examinations and incomplete work (grade I) from Spring Semester 2008 and 2008 Summer Sessions.

Friday-Sunday, October 17-19

Homecoming Weekend.

Tuesday, October 28

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

Saturday, November 1

Undergraduate admission application deadline for freshmen and transfer students entering Spring Semester 2009.

Tuesday, November 4

Election Day; classes suspended; University offices closed.

Monday, November 10

Deadline for receipt of doctoral dissertations and executive position papers for degrees to be conferred in December 2008.

Monday, November 17

Deadline for receipt of master's theses for degrees to be conferred in December 2008.

Thursday, November 20

Registration for Spring Semester 2009.

Wednesday, November 26

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 27

Holiday, University offices closed; classes suspended.

Friday, November 28

Holiday, University offices closed; classes suspended.

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

Sunday, November 30

Residence halls open at 2:00 p.m.

Monday, December 1

Classes resume following Thanksgiving recess.

Monday, December 1

Deadline for graduate admission applications for Spring Semester 2009.

Wednesday, December 10

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

Thursday, December 11

Reading day (no examinations scheduled).

Friday, December 12

Final examinations begin.

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

Saturday-Sunday, December 13 & 14

Reading days (no examinations scheduled).

Monday, December 15

Deadline for filing application for graduate degrees to be conferred in February 2009.

Friday, December 19

Final examinations end.

Residence halls close at 10:00 p.m.

Saturday, January 10

January Commencement.

WINTER SESSION 2009

Monday, October 13

Registration for Winter Session begins.

Friday, December 12

Fee payment deadline for Winter Session.

Sunday, January 4

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

Monday, January 5

Classes begin at 8:00 a.m.

Residence halls check-in for Winter Session walk-ins, 9:00 a.m. to 3:00 p.m.

Thursday, January 8

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. No tuition refund for course withdrawals after this date.

Tuesday, January 13

Deadline for receipt of dissertations, executive position papers and master's theses for degrees conferred in February 2009.

Friday, January 16

Deadline for graduate admission recommendations from departments for Spring Semester 2009.

Monday, January 19

Martin Luther King Day - University offices closed; classes suspended.

Friday, January 23

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

Monday, February 2

Deadline for admission to doctoral candidacy for degrees conferred in May 2009.

Friday, February 6

Last day of classes.

Saturday, February 7

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 residence halls by 7:00 p.m.

SPRING SEMESTER 2009

Saturday, November 1

Undergraduate admission application deadline for freshmen and transfer students entering Spring Semester 2009. Applications received after this date will be reviewed on a space available basis.

Thursday, November 20

Registration for Spring Semester 2009 begins.

Monday, December 1

Graduate admission application deadline for Spring Semester 2009.

Friday, January 2

Undergraduate readmission application deadline for Spring Semester 2009.

Tuesday, January 6

Fee payment deadline for Spring Semester 2009.

Tuesday, January 13

Deadline for receipt of dissertations, executive position papers and master's theses for degrees conferred in February 2009.

Thursday, January 15

Undergraduate admission application deadline for freshmen entering Fall Semester 2009 for Honors and scholarship consideration.

Friday, January 16

Deadline for graduate admission recommendations from departments for Spring Semester 2009.

Thursday, January 22

Spring DelaWorld Phase I.

Monday, February 2

Deadline for admission to doctoral candidacy for degrees to be conferred in May 2009.

Sunday, February 8

Residence halls check-in 2:00 p.m. to 9:00 p.m.; Room change period for students on campus during Winter Session, 9:00 a.m. to 12:00 noon.

Monday, February 9

Spring DelaWorld Phase II.

Classes begin at 4:00 p.m.

Residence halls check-in 9:00 a.m. to 3:00 p.m.

Monday, February 16

Deadline for filing application for graduate degrees to be conferred in May 2009.

Monday, February 23

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. No tuition refund for course withdrawals after this date.

Deadline for undergraduate students for completion of deferred examinations and incomplete work (grade I) from Fall Semester 2008 and 2009 Winter Session.

Friday, March 20

Deadline for graduate students for completion of deferred examinations and incomplete work (grade I) from Fall Semester 2008 and 2009 Winter Session.

Friday, March 27

Spring Recess begins after last scheduled class; Residence halls close at 7:00 p.m.

Friday, March 27

Freshman midterm marking period ends.

Wednesday, April 1

Deadline for graduate admission applications for June 2009.

Sunday, April 5

Residence halls open at 2:00 p.m.

Monday, April 6

Classes resume after Spring Recess at 8:00 a.m.
Registration for 2009 Summer Session begins.

Wednesday, April 8

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

Friday, April 10

Good Friday - See policy in Faculty Handbook on excused absences.

Monday, April 13

Deadline for receipt of doctoral dissertations and executive position papers for degrees to be conferred in May 2009.

Friday, April 17

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

Monday, April 20

Deadline for receipt of master's theses for degrees to be conferred in May 2009.

Monday, April 20

Registration for Fall Semester 2009 begins.

Monday, April 20

Undergraduate admission application deadline for transfer students entering Fall Semester 2009.

Deadline for admission to doctoral candidacy for degrees to be conferred in August 2009.

Friday, May 8

Honors Day. Modified class schedule.

Friday, May 15

Deadline for filing application for graduate degrees to be conferred in August 2009.

Wednesday, May 20

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

Thursday, May 21

Reading Day; no examinations scheduled.

Friday, May 22

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 23

Reading Day; no examinations scheduled.

Sunday, May 24

Reading Day; no examinations scheduled.

Monday, May 25

Holiday, University offices closed.

Friday, May 29

Final examinations end.

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

Saturday, May 30

Commencement.

Residence halls close at 6:00 p.m. for graduates.

FIRST SUMMER SESSION 2009

Monday, April 6

Registration for 2009 Summer Sessions begins.

Sunday, June 7

Residence halls check-in for 5 and 7 1/2 week sessions; noon to 5 p.m.

Monday, June 8

Classes begin.

Friday, July 3

Holiday, University offices closed; classes suspended.

Friday, July 10

Classes end, 5 week Summer Session.

Saturday, July 11

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 27

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

Tuesday, July 28

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

Wednesday, July 29

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

Thursday, July 30

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 2009

Wednesday, July 1

Deadline for graduate admission applications for admission to the Fall Semester 2009 (some departments have earlier deadlines).

Monday, July 13

Classes begin.

Monday, July 13

Deadline for submission of doctoral dissertations and executive position papers for degrees to be conferred in August 2009.

Monday, July 20

Deadline for submission of master's theses for degrees to be conferred in August 2009.

Thursday, August 13

Classes end.

Friday, August 14

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.

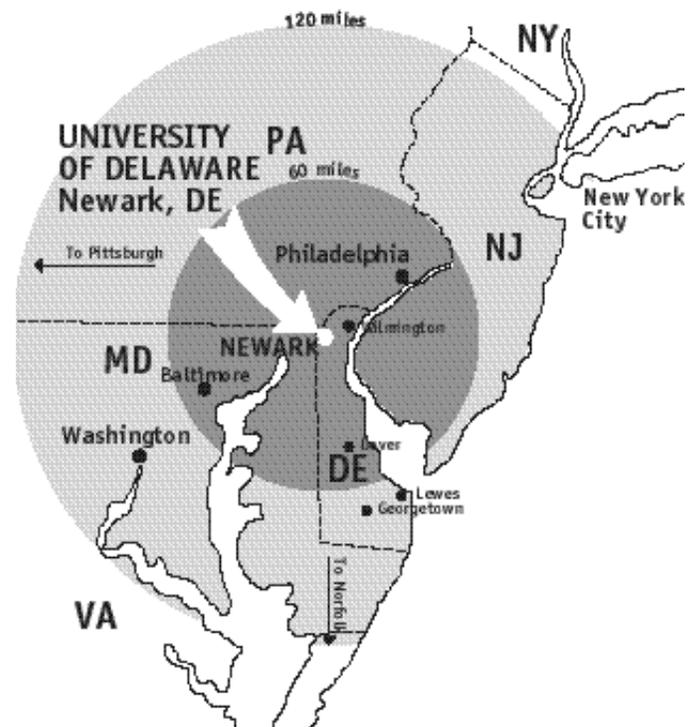
The University traces its origin to a small school in New London, Pa., opened in 1743 by the distinguished Colonial scholar, the Rev. Dr. Francis Alison. By 1765, the school had been moved to Newark, Delaware, where it received a charter as the Academy of Newark from Thomas and Richard Penn in 1769. 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 130 bachelor's, 79 master's, and 39 doctoral degree programs through 46 departments in the seven instructional colleges. In the 2006-07 academic year, over 3,400 bachelor's degrees, 773 master's degrees and 224 doctoral degrees were conferred.

Today, there are more than 135,000 active University of Delaware alumni who live in every state of the U.S. and more than 75 foreign countries.

A state-assisted, privately governed institution, 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 Carnegie Doctoral/Research Extensive university. 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. 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 Jastak-Burgess Hall, a newly renovated facility for the Department of Foreign Languages and Literatures, and recently renovated Mechanical Hall, which houses the Paul R. Jones collection, one of the oldest, largest and most complete holdings of African-American art in the world. The University recently completed three new state-of-the-art buildings in a 1,000-bed residence hall complex. Also, the new Center for the Arts, inaugurated in the fall of 2006, provides new performance spaces for music and theatre, plus an indoor practice venue for UD's Marching Band. 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. The University has been honored as a national model for its exemplary campus-wide 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 University of Delaware exists to cultivate learning, develop knowledge, and foster the free exchange of ideas. State-assisted yet privately governed, the University has a strong tradition of distinguished scholarship, research, teaching, and service that is grounded in a commitment to increasing and disseminating scientific, humanistic, and social knowledge for the benefit of the larger society. Founded in 1743 and chartered by the state in 1833, the University of Delaware today is a land-grant, sea-grant, space-grant, and urban-grant university.

The University of Delaware is a major research university with extensive graduate programs that is also dedicated to outstanding undergraduate and professional education. UD faculty are committed to the intellectual, cultural and ethical development of students as citizens, scholars and professionals. UD graduates are prepared to contribute to a global society that requires leaders with creativity, integrity and a dedication to service.

The University of Delaware promotes an environment in which all people are inspired to learn, and encourages intellectual curiosity, critical thinking, free inquiry and respect for the views and values of an increasingly diverse population.

An institution engaged in addressing the critical needs of the state, nation and global community, the University of Delaware carries out its mission with the support of alumni who span the globe and in partnership with public, private and nonprofit institutions in Delaware and beyond.

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, whose members 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, including Agriculture and Natural Resources; Arts and Sciences; Business and Economics; Engineering; Health Sciences; Human Services, Education and Public Policy; and Marine and Earth Studies. All seven colleges offer both undergraduate and graduate degrees. A complete list of the University's extensive undergraduate and graduate degree programs is presented on pages vi-xii of this catalog.

Through the Associate in Arts Program, a special partnership between the University of Delaware and Delaware Technical & Community College (DTCC), students can earn their Associate in Arts degree at UD academic centers on the campuses of DTCC in Wilmington, Dover and Georgetown. The Division of Professional and Continuing Studies extends the opportunities of the University to students throughout the state and beyond.

Since 1921, the University has been accredited by the Middle States Association of Colleges and Secondary Schools. Professional accreditation also is held in Accounting, Athletic Training, Business Administration, Chemistry, Clinical Psychology, Dietetics, Disability Studies, Early Childhood, Education, Engineering, Engineering Technology, Food Science, Foreign Language and Pedagogy, Health and Physical Education, Medical Technology, Music, Nursing, Physical Therapy, and Public Administration.

OUR ACADEMIC CALENDAR OFFERS FLEXIBLE SCHEDULING

The University of Delaware follows a semester plan. Fall semester usually begins in September and ends in mid-December. The spring semester begins in 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 in early 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 sessions 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 Special Sessions Office, (302) 831-2853 or visit

<http://www.udel.edu/fanjoy/special-sessn.html>

TEACHERS WHO TEACH

Among more than 1,100 faculty members at the University of Delaware, over 80 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 the Beckman Foundation Young Investigator award, National Academy of Education Spencer Post-doctoral fellowships, Guggenheim fellowships, Alexander von Humboldt-Stiftung and Bessel Research awards, Fulbright fellowships, National Science Foundation (NSF) Director's Award for Distinguished Teaching Scholars, Faculty Early Career Development Program Award, and other NSF awards, and election to the National Academy of Engineering (NAE) and the National Academy of Sciences.

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 and the use of new learning techniques.

STUDENTS ARE OUR FOCUS

Students are the focus of the University's academic programs. In fall 2007, 20,342 students were enrolled, including 15,983 undergraduate students, 3,405 graduate students, and 954 students in the Division of Professional and Continuing Studies. Of the undergraduate total, 619 were enrolled in the University's Associate in Arts degree program.

Entering 2007 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 200, two-thirds 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 experience in research laboratories, libraries and field work for students. Each year, an increasing number of undergraduates collaborate with faculty on research projects of mutual interest. Many hold summer research fellowships, prepare senior theses, and make professional presentations. In 2007, for example, the Undergraduate Research Program served about 700 undergraduates, who tackled projects ranging from bone cancer to nanoparticles, from multilateral treaties to the preservation of outdoor community murals. (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 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 16 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 30318-5776; Phone: 404-875-9211; Fax: 404-872-1477; <http://www.sreb.org/>.

HENRY FRANCIS DU PONT WINTERTHUR MUSEUM, ELEUTHERIAN MILLS-HAGLEY MUSEUM AND LIBRARY, LONGWOOD GARDENS

The College of Arts and Sciences 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 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 98 doctoral-granting members 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 <http://www.orau.org/>.

SURA

The University of Delaware is a member of Southeastern Universities Research Association (SURA), a consortium of over 60

universities across the U.S.. 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 Relations serves as the liaison to the more than 135,000 alumni worldwide and to the Alumni Association and its board of directors.

The Office of Alumni Relations strives to engage and connect undergraduate and graduate alumni in meaningful relationships with the University, students, faculty, and with each other. Towards this end, the office conducts programs and activities for diverse constituencies and coordinates a number of activities including Homecoming and Reunion Weekend, Alumni Spring Luncheon for Gold Guard members (50+ years) and alumni commencement delegates at Spring Commencement, class and affinity group activities and programs, a regional alumni club program, and recognition ceremonies and awards such as the Alumni Wall of Fame, Presidential Citation for Outstanding Achievement and Outstanding Alumni Awards. In addition, Alumni Relations manages an online community (www.UDconnection.com) for all alumni.

The office also coordinates Parents and Families Weekend working closely with the Office of Student Life.



RESEARCH CENTERS, INSTITUTES, AND SPECIAL FACILITIES

- **Agricultural Experiment Station**
- **Avian Biosciences Center**
- **Bartol Research Institute**
- **Center for Applied Coastal Research**
- **Center for Applied Demography and Survey Research (CADSR)**
- **Center for Applied Science and Engineering in Rehabilitation (ASER)**
- **Center for Archaeological Research**
- **Center for Biomedical Engineering Research (CBER)**
- **Center for Catalytic Science and Technology**
- **Center for Climatic Research**
- **Center for Community Research & Service (CCRS)**
- **Center for Composite Materials (CCM)**
- **Center for Disabilities Studies (CDS)**
- **Center for Drug and Alcohol Studies (CDAS)**
- **Center for Energy and Environmental Policy (CEEP)**
- **Center for Historic Architecture and Design (CHAD)**
- **Center for Innovative Bridge Engineering (CIBrE)**
- **Center for International Studies (CFIS)**
- **Center for Material Culture Studies (CMCS)**
- **Center for Molecular and Engineering Thermodynamics (CMET)**
- **Center for Remote Sensing**
- **Center for Teaching Effectiveness (CTE)**
- **Cooperative Extension System**
- **Delaware Biotechnology Institute (DBI)**
- **Delaware Center for Teacher Education (DCTE)**
- **Delaware Center for Transportation (DCT)**
- **Delaware Education Research and Development Center**
- **Delaware Geological Survey**
- **Delaware Small Business Development Center Network (DSBDC)**
- **Delaware Water Resources Center (DWRC)**
- **Disaster Research Center (DRC)**
- **Early Learning Center**
- **English Language Institute (ELI)**
- **Gerard J. Mangone Center For Marine Policy**
- **History Media Center**
- **Institute for Public Administration (IPA)**
- **Institute for Transforming Undergraduate Education (ITUE)**
- **Institute of Energy Conversion (IEC)**
- **Institute of Soil and Environmental Quality (ISEQ)**
- **John L. Weinberg Center for Corporate Governance**
- **Mathematics & Science Education Resource Center (MSERC)**
- **Office of Educational Assessment (OEA)**
- **Office of Educational Technology (OET)**
- **University of Delaware Energy Institute (UDEI)**
- **University of Delaware Press**

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 undergraduate and graduate program offerings at the University.

The University also hosts scholarly and professional organizations such 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. Projects, both fundamental and applied, address many aspects of agriculture and life

science, including biotechnology, production agriculture, wildlife conservation, land use, and natural resource management. Experiment station research contributes to increased and efficient production, improved marketing of agricultural products, and preservation of our natural environment. A majority of the professors in the College of Agriculture and Natural Resources have appointments in the station.

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

AVIAN BIOSCIENCES CENTER

The Avian Biosciences Center is a multi-disciplinary unit housed within the College of Agriculture and Natural Resources. The Center's programs are focused on protecting poultry health by

developing strategies for disease surveillance, diagnosis, and control; applying knowledge from avian genomics to diagnose and control poultry diseases and improve the efficiency of poultry production; developing innovative approaches to ensure poultry production is compatible with our environment; and integrating advances in food science into innovative technologies that ensure the safety of poultry products. For more information, visit the Center's website at <http://ag.udel.edu/abc/index.html> or contact the director, Dr. Jack Gelb at jjgelb@udel.edu.

BARTOL RESEARCH INSTITUTE

The Bartol Research Institute is a research center within 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.

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.

For more information, please see www.bartol.udel.edu.

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 intercollegiate national 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 Physical Ocean Science and Engineering Program, College of Marine and Earth Studies.

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; and
- as an archive of numerous local and national databases.

CADSR's substantive areas of expertise include demography, health, transportation, economic impact, and geographic information systems.

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) CATI and web surveys 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 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. The Center also houses the Delaware Assistive Technology Initiative (DATI), which addresses the availability and effective use of assistive technologies. DATI projects 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 Sciences. 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 multi-disciplinary research are available and include applications of remote sensing in archaeology (Center for Remote Sensing) and paleoenvironmental studies (Department of Geological Sciences).

For more information, please e-mail jcuster@udel.edu.

CENTER FOR BIOMEDICAL ENGINEERING RESEARCH (CBER)

The Center for Biomedical Engineering Research 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 Department of Mechanical Engineering, the Department of Physical Therapy, the Department of Health, Nutrition, and Exercise Sciences and several local clinical facilities

such as the A.I. duPont Institute. Through the Department of Mechanical Engineering, CBER researchers have access to an array of computer hardware and software, a variety of mechanical testing equipment, a complete machine shop, as well as biomechanics laboratories for tissue engineering, motion analysis, and electromyography. The Sports Science Laboratory in the Department of Health, Nutrition, and Exercise Sciences houses a state-of-the-art motion analysis facility complete with 12 high-speed cameras, 2 multi-axis force plates, an EMG telemetry unit, and a variety of computer and ancillary equipment. The Motion Analysis Laboratory in the Physical Therapy Department is similarly equipped with a VICON-based system. The laboratory can be configured to study almost any type of motion. The A.I. duPont Institute is a modern children's hospital that has extensive clinical and diagnostic facilities. 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, 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, 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 the University, national, and international communities with interests in both basic and applied climatology in collaborative research. The Center emphasizes the University's commitment to developing research in climatology and serves as an organization to attract external funding. At present, eight faculty, eight research scientists, and approximately twenty-five graduate students are affiliated with the Center, which is housed entirely within the Department of Geography. Within the Center is the Office of the Delaware State Climatologist and the Delaware Environmental Observing System. NASA, NOAA, NSF, NIGEC, and numerous state agencies and local municipalities have funded research within the Center. The Center for Climatic Research also supports the monograph series *Publications in Climatology*, now in its sixtieth year.

From the outset, one of the main themes of research in the Center has focused around the role of water in climatology - hydroclimatology. The work of John R. Mather, and the legacy of C.W. Thornthwaite begun at the C.W. Thornthwaite Associates' Laboratory of Climatology, initially set the stage for Center-directed research. The emphasis in water in its many and varied forms remains dominant, with research on precipitation (global, arctic,

tropical, and remote sensing methods), atmospheric processes (vapor transport, atmospheric modeling), the cryosphere (glaciers, permafrost, sea ice, snow cover, and snowfall), vegetation and land surface impacts (pest infestation, stemflow, and hydrologic modeling), and water policy. However, the Center's work and focus is not exclusively limited to hydroclimatology, as is evidenced, for example, by research on climate-related health issues, atmospheric modeling and transport, and topoclimatic research.

For more information, please see
www.udel.edu/Geography/CCR.

CENTER FOR COMMUNITY RESEARCH & SERVICE (CCRS)

The Center for Community Research & Service (CCRS), part of the College of Human Services, Education and Public Policy, provides education, usable knowledge, training, and services to help organizations and communities promote social and economic opportunity. CCRS is an integral part of the education of undergraduate and graduate students in the College, especially the students in the School of Urban Affairs and Public Policy. Students assigned to the Center either work directly with faculty and staff in conducting research and providing training and services or are placed in nonprofit or government agencies.

CCRS conducts applied research and evaluation projects in a range of areas, including local and community-based development, housing and homelessness, poverty and hunger, crime and family violence, urban and neighborhood planning and governance, media and communities, family/community relationships, management of and leadership in nonprofit organizations, organizational strategic planning and analysis, and the design, implementation and evaluation of social service and community health programs. Students can also be involved in CCRS training courses, including the Community Development certificate course, the Brownfields Redevelopment & Environmental Justice certificate course, the Nonprofit Management Certificate course and other workshops and seminars for nonprofit managers and community leaders. Students can also be involved in CCRS technical assistance and other services. Some of the Center's major service programs are the Nonprofit Resource Library, KIDS COUNT/FAMILIES COUNT in Delaware, Public Allies Delaware, and the Blueprint Communities Delaware Program. For more information, please see www.udel.edu/ccrs.

CENTER FOR COMPOSITE MATERIALS (CCM)

Founded in 1974, the UD Center for Composite Materials (UD-CCM) is an internationally recognized, interdisciplinary research center of excellence with a three-fold mission.

EDUCATE SCIENTISTS AND ENGINEERS

More than 100 graduate and undergraduate students and more than 250 researchers and staff members working at UD-CCM are currently affiliated with the College of Engineering and the Lerner College of Business and Economics, as well as the Departments of Physics & Astronomy and Chemistry & Biochemistry in the College of Arts and Sciences. Students at all levels are active participants in UD-CCM's interdisciplinary research teams. Students have the opportunity to interact with visiting students, faculty, and researchers from industry, government agencies, and universities throughout the world. In addition to a solid grounding in the fundamentals, students are exposed to practical insights into real-world engineering problems. Both graduate and undergraduate students gain valuable experience in documenting their work in conference proceedings, journals, and even patents.

UD-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 assistants during the academic year. More than 2,000 students have been associated with UD-CCM, and many are now teaching at more than 30 universities worldwide.

While UD-CCM plays an active role in education, degrees are earned through the academic programs of the various affiliated colleges, not through UD-CCM. Students should consult the departments in which they are interested for information on degree programs and application requirements.

CONDUCT BASIC AND APPLIED RESEARCH

Since 1986, UD-CCM has been host to six National Science Foundation/Department of Defense Centers of Excellence. Two Army Research Laboratory programs and an Office of Naval Research program are currently active centers of excellence. Supporters include a variety of national and international companies, federal agencies, and the State of Delaware.

In addition to its traditional core competencies in materials and synthesis, mechanics and design, processing science, and durability, UD-CCM's current emphasis is on new research into multifunctional composite materials that provide superior mechanical properties, energy absorption, fire resistance, and electro-optical properties for communications, health monitoring, prognostics and bio-inspired self-repair.

DEVELOP AND TRANSITION TECHNOLOGY TO THE COMPOSITES COMMUNITY

CCM's 34,000-square-foot Composites Manufacturing Science Laboratory houses state-of-the-art laboratories for polymer synthesis, chemical and thermal analysis, materials characterization from nano-scale to full-scale composite structures, processing, nondestructive inspection, and computation. The lab provides opportunities for interdisciplinary research teams to create workcells that combine simulations, sensors, and controls of existing processes as well as the creation of new ones. An additional 10,000 square feet of space is available in our off-site Application and Technology Transfer Laboratory.

UD-CCM's Industrial Consortium, long a Center hallmark, is a group of some 60 companies supporting UD-CCM's effort in transferring composites science and technology to the private and public sectors. Small, medium and large companies benefit from new ideas and new technologies. These same companies seek to employ the next-generation of engineering graduates.

To arrange an interview or request a copy of the CCM annual report, which includes history, additional program information, a list of laboratory resources, and posters of more than 120 ongoing projects, please visit CCM on campus at the corner of Delaware and Academy Streets or on-line at www.ccm.udel.edu, or contact CCM at info-ccm@udel.edu, or (302) 831-8149.

CENTER FOR CRITICAL ZONE RESEARCH

The Center for Critical Zone Research is a University-wide Center dedicated to the understanding of interfacial biological, chemical, and physical processes in the Critical Zone (from ground water aquifers to the lower atmosphere) with an emphasis on molecular environmental science, genomics, nano-technology, and environmental policy. For more information, visit the Center's website at <http://cczr.dbi.udel.edu> or contact the director, Dr. Don Sparks at dlsparks@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 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, training, 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 service and research projects. For more information, please see www.udel.edu/cds.

CENTER FOR DRUG AND ALCOHOL STUDIES (CDAS)

The Center for Drug and Alcohol Studies (CDAS) was established at the University of Delaware in 1991 to facilitate collaborative research and publishing among social and behavioral science faculty, professional staff, and students in the field of substance abuse. 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 CDAS is the production, dissemination, and utilization of scientific knowledge in three broad areas:

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

Other CDAS 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; and
- 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.

In fall 2002, CDAS became one of eight research centers nationally that will be leading research on treating substance abusers within the criminal justice system. Other ongoing studies include youth substance abuse in Delaware and the nation, studies of drug court and parole clients, and long term panel studies of treatment clients. CDAS researchers have been funded by the National Institutes of Health to conduct studies of the abuse of prescription drugs and their diversion to the illegal marketplace. In addition, with funding from Denver Health and Hospital Authority and the support of the Food and Drug Administration, since 2002, CDAS has been conducting quarterly surveys of the illegal sales of prescription narcotics in more than 300 jurisdictions across the United States. And in Delaware, CDAS directs the activities of the State Epidemiological Work Group for substance abuse. Locally, CDAS has offices in Newark and Wilmington. CDAS also has major AIDS prevention

initiatives in Florida, Latin America, and the Caribbean. With three offices in the Miami area and a center in Porto Alegre, Brazil, the focus of these initiatives is the development and evaluation of culturally specific HIV prevention programs for hard-to-reach and under-served populations.

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 (CHEP), 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 sustainable development, environmental justice, global environmental change, energy efficiency and renewable energy applications, water conservation and management, and comparative energy and environmental policy.

With the support of CHEP and the Colleges of Agriculture and Natural Resources, Arts and Sciences, Engineering and Marine and Earth Studies, CEEP administers the interdisciplinary graduate program in Energy and Environmental Policy (ENEP). This unique program offers Master's and Ph.D. degrees that combine study in the social sciences, engineering and the natural sciences to address core problems in energy-environment-society relations.

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, seven Center faculty and two research staff work closely with approximately seventy graduate students, supervising internships, theses, and dissertations. Graduate areas of specialization in technology, environment and society, energy sustainability, water sustainability, environmental justice, sustainable development, and global dimensions of energy and environmental policy are supported at the master's and doctoral levels.

CEEP faculty and staff have editorial responsibility for an annual book series entitled Energy and Environmental Policy, are contributing authors to the UN-sponsored Intergovernmental Panel on Climate Change, and serve as advisors to such organizations as the Chinese State Environmental Protection Agency, the Environmental Forum of the National Assembly of South Korea, 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 over thirty signed research and exchange agreements with European, Latin American, African, and Asian universities and research institutes.

For more information, please see <http://ceep.udel.edu/>.

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 supports 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 co-sponsoring departments and programs. CHAD is affiliated with the Laboratory for the Analysis of Cultural and Historic Materials and is a co-sponsor of the Historic Costume Collection managed by the Department of Consumer Studies.

CHAD also maintains an extensive collection of research and documentary materials for more than 1,000 historic sites and structures in the Mid-Atlantic region. The collection includes measured drawings, photographs, and narrative histories, as well as resources for buildings research and a study collection of architectural materials. The collection is open for research and reference to students, the preservation community, and the general public.

With its administrative home in the College of Human Service, Education and Public Policy (CHEP), CHAD is academically affiliated with the School of Urban Affairs and Public Policy, and co-sponsored by the departments of Consumer Studies, 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 Sciences. CHAD is a founding member of the Center for Material Culture Studies which promotes the dynamic collaboration of individuals, programs, and departments engaged in the documentation, interpretation, and preservation of the objects and images that have shaped American life.

CENTER FOR INNOVATIVE BRIDGE ENGINEERING (CIBRE)

The Center for Innovative Bridge Engineering was established at the University of Delaware in 2000 to serve as a resource for the world's highway and railroad bridge community through education, research, and technology transfer. The Center helps to educate outstanding bridge engineers for careers in industry, government, and academia; organizes multidisciplinary research teams to address bridge infrastructure renewal; and transfers technology to bridge owners through papers, reports, workshops, seminars, and lab demonstrations. CIBRE research covers a broad range of topics, including design and analysis, advanced materials, health monitoring, advanced sensors, bridge management, hydraulics and scour, geotechnical engineering, and bridge security. For more information, contact Director Dennis Mertz, 302-831-2735 or mertz@udel.edu, or visit the Center's web site at www.ce.udel.edu/cibre.

CENTER FOR INTERNATIONAL STUDIES (CFIS)

The Center for International Studies is the principal administrative unit dedicated to the internationalization of the University of Delaware community. CFIS promotes and supports faculty and staff participation in international teaching, research, service, grant development, and other professional activities. The Center 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, and working with academic units to further international education on campus. The Center also provides academic units 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 1400+ 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 speakers series;
- Managing ongoing grants from multiple funding agencies;
- Conducting ongoing research regarding the status and scope of international activities at the University of Delaware; and
- Working with academic departments and colleges to increase the number of curricular offerings with international content and to expand study abroad opportunities.

As a service to the State of Delaware and the local community, the Center also works closely with 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/international.

CENTER FOR MANAGED ECOSYSTEMS

The mission of the Center for Managed Ecosystems is to improve the ability of urban, suburban, and agricultural landscapes to support the plants, animals, and physical conditions essential to the long-term productivity of the ecosystems on which humans depend. We do this because recent research has shown that human land-use in the U.S. has fragmented and degraded ecosystems in ways that threaten most of our plant and animal species with extinction. If this process is allowed to proceed unchecked, the impact on the productivity and stability of the ecosystems that sustain us will be compromised. Current landscaping paradigms needlessly exclude biodiversity from agricultural and urban/suburban landscapes. Redesigning human-dominated ecosystems to increase the carrying capacity for biodiversity, and thus increase ecosystem productivity and sustainability, without conflict with humans, is the central goal of the Center for Managed ecosystems. For more information, visit the Center's website at <http://ag.udel.edu/enwc/cme/> or contact the director, Dr. Doug Tallamy at dtallamy@udel.edu.

CENTER FOR MATERIAL CULTURE STUDIES (CMCS)

The Center for Material Culture Studies (CMCS) helps to integrate and enhance the University's rich resources for the creation, study, and conservation of material culture. It promotes the learning from and the teaching about all things people make and the ways people have acted upon the physical and visible world. Through the CMCS, students and teachers examine material objects as living artifacts, as texts and contexts, to better imagine, interpret, and appreciate the world we inhabit. To do so, the CMCS administers a popular undergraduate minor in material culture studies, which includes field experience and a funded internship program, as well as a PhD specialization in preservation studies. Faculty affiliated with the Center represent a broad spectrum of departments and programs across the university, and the CMCS regularly coordinates activities with regional cultural institutions to share resources, to promote collaborative research and teaching, and to foster new opportunities and motivation for public engagement in the humanities. It thus contributes to national and international efforts in the documentation, interpretation, preservation, and teaching of material culture.

For more information, please contact Deborah C. Andrews, Director, CMCS, at dandrews@udel.edu or visit the CMCS website at <http://www.materialculture.udel.edu>.

CENTER FOR MOLECULAR AND ENGINEERING THERMODYNAMICS (CMET)

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, and visiting scientists. 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 and clusters of parallel computers, 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, and thermodynamic properties of biological compounds. Of special interest are applications to the purification of pharmaceuticals and other biological materials. New initiatives of the Center include developing methods for the characterization and crystallization of proteins, and the use of nanoporous materials for the purification of gases.

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.

Other activities of the Center include cooperative research projects with scientists and engineers in industry and government laboratories.

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 PUBLIC HORTICULTURE

The Center for Public Horticulture is based within the College of Agriculture and Natural Resources and links the resources and expertise of UD faculty with public horticultural professionals and public gardens nationwide. Through this partnership, the Center's vision is to develop educational programs for undergraduates, graduate students, and existing professionals in the field, as well as produce and disseminate original, interdisciplinary research that will forge new partnerships, enhance the skills of industry leaders, and set the standard for public horticulture practices of the future.

For more information, visit the Center's website at <http://www.publichorticulture.udel.edu> or contact the director, Dr. Robert Lyons at rlyons@udel.edu.

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 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. X.H. Yan, Co-Director, at (302) 831-3694.

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, graduate students, and staff in their instructional activities including the General Education Initiative. Specifically, the Center provides a range of free and confidential instructional services to help all members of UD's teaching community enhance the teaching and learning process. The Center's services reflect the multiple ways in which teaching and learning can be enriched. They include instructional consultations, classroom observations, assistance in developing assessment measures for instructional and curricular innovation, and implementation support for instructional projects. CTE organizes conferences for first-time graduate teaching assistants (TAs), directs the Higher Education Teaching Certification program; coordinates teaching conferences, workshop sessions and colloquia; publishes and disseminates materials on instructional practices and student learning; serves as a liaison with University committees, task forces, and units involved in instructional support; and co-sponsors an annual grant program for instructional enrichment.

The Center directs the Lilly-East Conference on College & University Teaching, a regional teaching conference with emphasis on the scholarly nature of teaching. The event brings national expertise on quality learning and teaching and offers a teaching-learning forum for faculty across disciplines and institutions. Further information is available at www.udel.edu/lillyeast.

CTE is a unit within 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. Further information is available at <http://cte.udel.edu>.

COOPERATIVE EXTENSION SYSTEM

Delaware Cooperative Extension System is part of a nationwide system whose mission is to connect the public with university knowledge, research and resources to address youth, family, community, and agricultural needs. In so doing, Cooperative Extension enables people to improve their lives and communities by developing learning partnerships that put knowledge to work. Cooperative Extension 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 that relate to youth, family, community and agricultural needs. The accelerating expansion of

technology, the deteriorating 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 have opportunities to apply for Extension's summer intern program and thereby be designated as an Extension Scholar. As an Extension Scholar, students gain practical experience in dealing with and in providing information to the public on a wide variety of areas including agriculture, community/economic development, family and consumer sciences, food and nutrition, 4-H youth development, horticulture and water and soil quality. For more information, please go to <http://ag.udel.edu/extension>.

DELAWARE BIOTECHNOLOGY INSTITUTE (DBI)

The Delaware Biotechnology Institute is a multidisciplinary academic unit of the University devoted to the discovery and application of new interdisciplinary knowledge in the life sciences and biotechnology. The Institute also provides support and leadership for statewide partnerships that involve the institutions of higher education, state government, industry and the medical community.

The Institute's faculty and staff are engaged in research in biology, chemistry/biochemistry, engineering, computer science, plant and animal science, environmental science and materials science with applications in agriculture, human health, complex environmental systems and biomaterials.

In education, the Institute helps provide graduate and undergraduate students with research experience and access to high-quality, professionally-managed research instrumentation. The Institute also collaborates in developing new interdisciplinary research experiences and life science education programs at the graduate and undergraduate levels. DBI serves as a bridge linking academia and the public and private sectors to facilitate internships for students.

In the application of new knowledge, the Institute acts as a focal point for science and technology-based economic development, supporting and attracting new life science enterprises thereby creating new high quality jobs.

For more information, please go to 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. It works to improve access to the University's professional education programs and supports the state's efforts to enhance teachers' knowledge and instructional practices in social studies, special education, reading and writing through multiple professional development opportunities. In addition to housing the Education Resource Center (a curriculum materials library) and the Office of Clinical Studies (responsible for coordinating all field placements for all teacher education candidates), the Center houses the following projects and programs:

- Alternative Routes to Teacher Certification, a program to bring people with bachelor's degrees in content areas into teaching in fields where the state is experiencing teacher shortages (e.g., mathematics and science);
- AmericaReads, a program to provide University students with the knowledge and tools to provide Delaware K-3 students with tutoring support in reading;
- ASPIRE, a program to recruit and retain teacher education candidates from underrepresented groups (e.g., males in early childhood education, persons from minority groups, first-year

- college attendees);
- Delaware Early Reading First and opening Doors to Literacy projects to enhance Head Start teachers' knowledge and instructional practices in language and early reading;
- The Delaware Mentoring Council (DMC) is a coalition of mentor programs, local corporations, businesses, government agencies and organizations committed to providing mentors to youth in need throughout the State of Delaware. Stakeholders include the Office of the Governor, the Delaware Department of Education and the University of Delaware.
 - The DMC identifies and promotes best practices and standards as they relate to mentoring.
 - Raises awareness and promotes the recruitment of mentors throughout the state.
 - Supports efforts to provide and improve mentor training, technical assistance to and the evaluation of mentoring programs
 - Researches new initiatives that would promote statewide mentoring programs.
- Delaware Reading and Writing Project, a project to enhance Delaware K-12 teachers' knowledge and instructional practices in the teaching of reading and writing in ways consistent with the Delaware English language arts standards through summer institutes, partnerships with Delaware schools, clusters, and workshops;
- Delaware Social Studies Education Project, a project to enhance Delaware K-12 teachers' knowledge and instructional practices in the teaching of social studies and to support the coordination of the teaching of social studies in Delaware's public schools;
- GEAR UP, a federally-funded project to support low-income students' awareness of higher education opportunities and provide them with academic support to ensure their readiness for these opportunities;
- Teacher Quality Enhancement, a project to build special education teachers' content knowledge so that they meet the federal government's 'highly qualified' status requirements;
- Teaching American History project in cooperation with Delaware school districts to enhance teachers' knowledge of American history and of instructional practices consistent with the history standards within the Delaware social studies standards; and
- School Library Media Program, coordinated through the Education Resource Center, a program designed for certified teachers to receive either (1) a Master of Instruction with a Concentration in Library Media or (2) for those who already have a master's degree, certification as a school librarian through a graduate-level course of study.

For additional information about DCTE and these projects, call (302) 831-3000 or visit the Website at www.udel.edu/dcte.

DELAWARE CENTER FOR TRANSPORTATION (DCT)

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.

DELAWARE EDUCATION RESEARCH & 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 and research support to further educational reform. For further information, e-mail udrdc@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 an affiliated agency of the College of Marine & Earth Studies. This arrangement reflects both the research orientation of the Survey and the need for practical applications of geology throughout the state. The Delaware Geological Survey's mission is, by statute, geologic and hydrologic research and exploration, and dissemination of information through publication and public service. The goal of the Delaware Geological Survey is to provide objective scientific geologic and hydrologic information, advice, and service to our stakeholders. This goal is accomplished by conducting geologic, hydrologic, and geologic hazard investigations and services and by continuing development of our infrastructure through basic data collection and computer-based data management and dissemination programs. The scientific information is used to advise, inform, and educate stakeholders about the important roles that the earth sciences play in such topics as water resources, public health, agriculture, economic development, land-use planning, environmental protection, geologic hazards, energy and mineral resources, emergency planning, response and recovery, and recreation.

Survey programs are coordinated with a number of state agencies, and the Survey serves, by statute, as the state's cooperater 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 Delaware Geological Survey Building was completed in 1989. Because of the physical proximity of and collaboration between the DGS and the Department of Geological Sciences in Penny Hall, students benefit from association with Survey geologists and their research projects. The Survey has formal internship programs in geology and hydrology with Geological Sciences and the Water Resources Center that provide opportunities for students to conduct research and obtain practical experience while working with Survey Scientists. Several survey scientists also hold secondary appointments in Geological Sciences, participate in teaching programs, and 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, Digital Data Products, and journal articles. Products and information are also available online via the Survey's website. 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. Most Survey publications are available on the web. For further information, contact the Survey at (302) 831-2833, by email at delgeosurvey@udel.edu, or on the web at www.dgs.udel.edu.

DELAWARE SMALL BUSINESS DEVELOPMENT CENTER NETWORK (DSBDC)

The Delaware Small Business Development Center (DSBDC) Network is a statewide small business assistance agency headquartered at the University of Delaware in the Alfred Lerner College of Business and Economics. The DSBDC is the primary small business assistance agency for the state of Delaware. The mission of the DSBDC is to create value for Delaware by engaging, challenging, and guiding businesses to grow, prosper, and achieve their goals. In this effort, the DSBDC offers free one-on-one confidential business advice, training and educational programs, information and research. Additionally, DSBDC offers specialized assistance in helping businesses sell their goods and services to federal, state, and local governments, as well as SBIR/STTR research grant assistance and other business advisory services for technology-based businesses.

The Small Business Act of 1980 authorized the creation of an SBDC program in every state and territory of the United States, and the DSBDC is part of a national network of over 1,200 centers. In Delaware, there are service centers conveniently located in each of the three counties. The program is a partnership with the University of Delaware's Alfred Lerner College of Business and Economics, the U.S. Small Business Administration, and the Delaware Economic Development Office. For further information visit www.delawaresbdc.org or call 302-831-0770.

DELAWARE WATER RESOURCES CENTER (DWRC)

The Delaware Water Resources Center (DWRC), established in 1965, is part of a network of 54 Water Resources Research Institutes throughout the nation. The U.S. Geological Survey provides oversight of the nation's Water Resources Centers through the National Institute of Water Resources.

The DWRC has three goals: to support research that will provide solutions to Delaware's priority water problems; to promote the training and education of future water scientists, engineers, and policy makers; and to disseminate research results to water managers and the public.

Faculty in agriculture, engineering, marine and earth studies, 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 each year to support undergraduate internships and graduate student assistantships. A national competitive grants research program is also available. For more information, please see <http://ag.udel.edu/dwrc/> or contact the director of the DWRC, Dr. Tom Sims, jtsims@udel.edu.

DISASTER RESEARCH CENTER (DRC)

The Disaster Research Center (DRC) is an interdisciplinary research unit in the Office of UD Research and Graduate Studies. The center was established at Ohio State University in 1963, was moved to the University of Delaware in 1985. The Center was elevated to a College Center in 2006 and then a university-wide Center in 2007. DRC is recognized as the first Research Center in the world devoted to the study of disasters from the perspective of the social sciences. The Center conducts research on group, organizational, and community preparedness for, response to, mitigation of, and recovery from natural and technological disasters and other community-wide crises. Our findings are geared towards creating both academic and practical knowledge development in the field of disasters. Researchers at DRC have conducted over 600 field studies since the

Center's inception, traveling to communities throughout the United States and to a number of foreign countries in order to carry out systematic studies on a broad range of disaster types. Among other hazards, we have examined the societal impacts of hurricanes, floods, earthquakes, tsunamis, tornadoes, hazardous chemical incidents, plane crashes, and civil disturbances.

Although its main focus has been on disasters and other community crises in the United States, DRC personnel have frequently worked closely with members of the international hazards research community. DRC maintains ongoing contact with researchers throughout the United States, Asia, Europe, Mexico, Japan, and Australia, some of whom have been visiting research associates at the Center for periods of up to a year. In recent years, DRC has also organized several multinational research conferences focusing on disaster issues in Central America, Southern Asia, Europe, Japan, Russia and the former Soviet Union.

Graduate and undergraduate training are also integral components of DRC's mission. DRC graduate students work closely with faculty on all facets of funded research projects from grant writing to final reports. Many students have the opportunity to author or co-author publications in scholarly journals on topics related to these research projects and to use DRC data for their masters theses and doctoral dissertations. Our graduates are well respected in the field and have gone on to work in a number of related institutions including: higher education, government agencies, NGOs, and as private sector consultants. DRC undergraduates are also integrated into research projects. With mentoring from graduate researchers, these students are exposed to research techniques such as literature reviews, database creation, qualitative and quantitative analysis, and professional writing. Undergraduates are expected to actively contribute to projects. Further, DRC is also a site for the National Science Foundation's (NSF) Research Experience for Undergraduates (REU) program, "Hazards, Disasters, and Society: Training the Future Generations of Social Science Researchers," providing 10 undergraduate students each summer with hands-on research training to enhance their understanding of the social science aspects of disasters. DRC faculty also support the Emergency and Environmental Management Concentration for Sociology majors.

In addition to maintaining its own databases on disaster topics, DRC serves as a repository for materials produced by other agencies and researchers. DRC's specialized Resource Collection, which contains the world's most complete collection on the social and behavioral aspects of disasters and now numbering more than 55,000 items, is open to scholars, students, and professionals involved in emergency management research. The Center has its own book, monograph, and report series with over 500 publications.

For more information about DRC projects, publications, staff or history, please visit the website at <http://www.udel.edu/DRC>.

EARLY LEARNING CENTER

The Early Learning Center is a joint project of the Colleges of Human Services, Education and Public Policy (CHEP), Arts and Sciences and Health Sciences. The Center opened in June 2004 and is a state-of-the-art comprehensive early care and education facility. It offers quality child care and other services for families, including intervention services; technical assistance and training for community family-service providers; a laboratory for faculty and student researchers from several UD colleges; and a hands-on learning site for graduate and undergraduate students from across the campus. For more information, please see www.udel.edu/elc, or contact Peg Bradley, Director, at pbradley@udel.edu.

ENGLISH LANGUAGE INSTITUTE (ELI)

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 international 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, American culture, and general English classes. ELI services include university and college placement, housing, host family programs, language partners, and cultural activities.

Special offerings include a legal English 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 ELI administers the University's Master's Degree program in Teaching English as a Second Language. Graduate students in the program include both Americans seeking certification in Delaware and international students planning to return home to teach.

The ELI intensive language 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.

GERARD J. MANGONE CENTER FOR MARINE POLICY

For 35 years, the Gerard J. Mangone Center for Marine Policy has conducted a broad range of research and policy studies on the management of ocean and coastal areas at local, regional, national and international levels. Part of the College of Marine & Earth Studies, the Mangone Center was the first Center of its kind created at an American university. The Center's current research work focuses on six major themes: 1) Integrated coastal and ocean management around the world; 2) United States national ocean and coastal policy; 3) implementation of international ocean agreements; 4) marine aquaculture policy; 5) marine biotechnology policy; and 3) regional marine ecosystem management.

In addition to its active research program, the Center organizes conferences and publications and serves as the editorial home to the international journal, *Ocean & Coastal Management*; hosts visiting scholars; administers educational exchange programs (between the United States and Europe; among Canada, the United States and Mexico; between the United States and the Caribbean; and between the United States and Brazil); provides research opportunities for graduate students; provides policy focused internships for undergraduate students; and provides policy advice to a wide range of governmental and non-governmental entities, both domestic and international (examples include the World Bank, the Intergovernmental Oceanographic Commission/UNESCO, the UN Environment Programme, the National Oceanic and Atmospheric Administration, Canada's Department of Fisheries and Oceans, the Delaware Department of Natural Resources and Environmental Control).

The Center also hosts the International Coastal and Ocean Organization, the Secretariat for the Global Forum on Oceans, Coasts, and Islands, which brings together leading ocean experts from governments, nongovernmental organizations, international entities, and the private sector, in multi-stakeholder global dialogues, policy analysis, and public outreach, aimed at advancing the interests of oceans (incorporating 72% of the Earth), coasts (the home of 50%

of the world's population), and islands (44 of the world's nations are small island developing states which are especially dependent on the oceans).

Facts and Figures:

- Grants: 48 grants totaling over \$6 million
- Students and staff supported by the Center: 71
- Students and faculty involved in educational exchange programs: 149
- Publications: 96
- International Journal *Ocean & Coastal Management*: Publishes 12 issues per year
- Conferences organized: 32, including four global conferences
- Internet services: Coverage of global ocean affairs, see <http://www.globaloceans.org>.

For more information, please contact Dr. Bilianna Cicin-Sain, Director, at (302) 831-8086 or visit <http://www.ocean.udel.edu/cmp>.

HISTORY MEDIA CENTER

The History Media Center is a multimedia resource facility for the History department created in 1970 with the help of the History Education Project of the AHA and general University funding. The Center provides history faculty, graduate students and history education students with the use of, and instruction in, electronic media for teaching and research through the creative application of technology. The Center's resources encompass a number of teaching collections including slides, maps, transparencies, videos, DVD's, music CD's, audio cassettes, and educational software. Technical equipment, such as computers, laptops, data projectors, scanners, video and audio players, digital and 35 mm cameras, is also available to produce multimedia lectures.

The Center houses a collection of over 190,000 slides covering images in American, European, and World history, of which, more than 12,000 circulate each year. An easy-to-use database lets patrons search for slides using key words, time period, or geographic location. History Media Center staff can assist users with the selection of video programs from over 700 videotapes and DVDs including academic films, documentaries, international films, special purpose videos, and feature films.

The Center's staff also provide other services for the history department including: graphic design and desktop publishing; photography and digital imagery; computer cataloging of images; database development and management; assistance with equipment and media scheduling and maintenance; assistance with WebCT and Webpage design, coordination of book orders with faculty and the University Bookstore, and general computer and software technical assistance.

For more information, please see www.udel.edu/History/hmc.

INSTITUTE FOR PUBLIC ADMINISTRATION (IPA)

The Institute for Public Administration (IPA) is a public service, education, and research center that links the resource capacities of the University of Delaware with the complex public policy and management needs of governments and related nonprofit and private organizations. IPA provides direct staff assistance, research, policy analysis, training, and forums while contributing to the scholarly body of knowledge. Program areas include civic education, comprehensive planning, conflict resolution, education leadership, healthcare policy, state and local management, water resources, and women's leadership. IPA supports and enhances the educational experiences of students through the effective integration of applied research, professional development opportunities, and internships.

More than forty graduate research assistants work for IPA on a

wide range of significant research and public service projects. IPA also provides research opportunities to undergraduate students interested in public policy through its Public Service Fellows Program. In addition, IPA manages the Internship Program for the School of Urban Affairs & Public Policy. Under this program, graduate students have completed internships in government, nonprofit, and private agencies. IPA also manages the Legislative Fellows Program, which is co-sponsored by the Delaware General Assembly and the University of Delaware. This program offers competitively selected graduate students and senior-level undergraduate students the opportunity to work directly with legislators in addressing critical issues facing the state. In recent years, Fellows have conducted nonpartisan, in-depth research on complex public policy issues as diverse as land-use planning, electric utility deregulation, credit fraud and identity theft, and education reform.

IPA's main office is on the University's Newark campus in 180 Graham Hall. Dr. Jerome Lewis is the director of IPA. For further information on IPA or its programs, call (302) 831-8971 or visit the website at <http://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, an internationally recognized leader in bringing problem-based learning to the undergraduate curriculum.

ITUE Faculty Fellowships are awarded annually. During an intensive three-day session or distributed semester-long series, 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; e-mail: ud-itue@udel.edu or visit www.udel.edu/inst.

INSTITUTE OF ENERGY CONVERSION (IEC)

The Institute of Energy Conversion (IEC), established at the University of Delaware in 1972, is a laboratory devoted to research and development of thin-film photovoltaic solar cells and other photonic devices. IEC was designated a University Center of Excellence for Photovoltaic Research and Education by the Department of Energy and the National Renewable Energy Laboratory in 1992. Fundamental materials and device research is carried out in parallel with process engineering studies and analysis of film deposition processes. The broad scope of the research and development effort offers opportunity for study in the field of physics, chemistry, materials science, chemical engineering, mechanical engineering, and electrical engineering as well as collaboration with industrial groups seeking to manufacture and commercialize photovoltaics. IEC is a totally integrated laboratory in which materials and films are synthesized and characterized and electrical devices are fabricated and analyzed, offering the unique experience of correlating properties of completed devices with their fabrication processing all under one roof. Close collaboration between IEC staff and thin film photovoltaic industrial partners

insures that the research is relevant to today's technology and includes state-of-the-art process development.

The Institute is staffed by approximately 20 professional and support personnel as well as faculty, visiting scholars, post-doctoral fellows, graduate and undergraduate students. Professional staff members jointly supervise graduate students for Masters and Doctorate degrees in conjunction with the departments of Chemical Engineering, Electrical and Computer Engineering, Materials Science and Engineering, Mechanical Engineering, and Physics. The professional staff members also lecture in undergraduate and graduate level courses, supervise undergraduate student research projects, and are active in related professional organizations. In addition to these resources, students conducting research at IEC have the opportunity for internships at other laboratories such as the National Renewable Energy Laboratory in Denver, CO and at industrial facilities.

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

INSTITUTE OF SOIL AND ENVIRONMENTAL QUALITY (ISEQ)

The Institute of Soil and Environmental Quality (ISEQ), established in 2002, is a center of excellence for research, education, and outreach programs that provide science-based solutions to the many environmental problems involving our soil resources. The ISEQ has a three-fold mission:

To conduct basic and applied research on soil and environmental quality issues. Integral to this research is a rigorous, comprehensive graduate and undergraduate education program dedicated to training new soil and environmental scientists. Our research faculty emphasize interdisciplinary research between soil scientists and colleagues in agronomy, chemistry, engineering, marine and earth studies, hydrology, resource economics and environmental policy. As part of this, the ISEQ supports graduate assistantships and an undergraduate internship program in soil and environmental science.

To serve as an unbiased scientific advisory body for state, regional, and national advisory and regulatory agencies, policy-makers, and governmental leaders on issues related to soil and environmental quality. All scientists affiliated with the ISEQ serve on a Scientific Advisory Panel that responds to technical questions from the public and private sector on soil and environmental science issues.

To conduct public education and outreach programs designed to further public understanding of soil and environmental quality issues and thus foster effective citizen involvement in environmental policy-making. The ISEQ provides training programs and educational aids related to soil and environmental sciences for K-12 teachers. We also conduct and support environmental education activities, such as summer environmental camps and workshops, for youth, parents, and teachers.

For more information, please see <http://ag.udel.edu/iseq/> or contact the ISEQ director, Dr. Tom Sims, jtsims@udel.edu.

JOHN L. WEINBERG CENTER FOR CORPORATE GOVERNANCE

The John L. Weinberg Center for Corporate Governance was established at the University of Delaware's Alfred Lerner College of Business and Economics in 2000. The Center's focus is to host roundtable discussions on selected corporate governance issues attended by members of the national business, legal and academic communities, with the participation of members of the Delaware judiciary and bar as well as the Delaware corporate community. These discussions cover a variety of major corporate governance topics such as executive compensation, federalism, governance guidelines, audit, and director liability. Other activities of the center

include maintaining a national speakers bureau of experts, hosting workshops and orientations on corporate governance for corporate directors and executives of publicly-held, closely-held, and non-profit corporations, supporting academic, legal, and business research on corporate governance, and educating current students on current issues of corporate governance.

For more information, contact the Center at (302) 831-6157 or e-mail ccg@lerner.udel.edu.

MATHEMATICS & SCIENCE EDUCATION RESOURCE CENTER (MSERC)

The Mathematics & Science Education Resource Center (MSERC), part of the College of Human Services, Education and Public Policy, helps Delaware's K-12 mathematics and science teachers implement 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 ASSESSMENT (OEA)

The Office of Educational Assessment (OEA) provides resources and consulting to academic units engaged in the continuous process of assessing student learning and development. All academic programs at the University are committed to defining what students should know and be able to do at the completion of their degree program, identifying opportunities within and outside of the classroom that enable students to achieve those goals, applying measures to assess whether the desired outcomes for students are being achieved, and using the results of the assessment to strengthen curriculums and improve instruction. The OEA offers assistance, guidance and advice to academic units as they engage in the assessment of student learning, and maintains a website at <http://assessment.udel.edu> that collects best practices, tools and resources that are available to faculty. The Office of Educational Assessment also coordinates special workshops, pilot projects, and faculty leadership development initiatives that emphasize assessing student learning as a priority of the University.

For more information, visit www.assessment.udel.edu.

OFFICE OF EDUCATIONAL TECHNOLOGY (OET)

The Office of Educational Technology (OET) supports instructional and desktop computing across the College of Human Services, Education and Public Policy (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 8th 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 ENERGY INSTITUTE (UDEI)

The University of Delaware Energy Institute (UDEI) was established to marshal the University's extensive resources in science, engineering, business and public policy to address the full spectrum of challenges posed by our urgent energy needs. The primary mission of UDEI is to facilitate and advance collaborative research among faculty, staff and students in the various departments, centers and institutes across campus that are involved in energy-related research.

As the focal point for the University of Delaware's pursuit of environmentally sound and technologically advanced energy solutions, UDEI promotes research in the enabling science and encourages the development and deployment of new and emerging energy technologies. By leveraging the University's strengths in research, education and policy in energy and by partnering with industry and government, UDEI, with other units, provides students with interdisciplinary education and research experiences in the energy field along with insight into the economic, engineering, and political realities of commercializing and implementing new technologies into the marketplace. UDEI also serves as a resource for energy-related technological advancements and advice to decision makers in the public and private sectors. For more information, please visit www.energy.udel.edu.

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 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 should contact the chair, Dr. Donald C. Mell, University of Delaware Press, 200A Morris Library, 181 South College Avenue, telephone (302) 831-1149 or visit the web site at <http://www2.lib.udel.edu/udpress/>.



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DELAWAREANS: START YOUR DEGREE PROGRAM CLOSE TO HOME

The University of Delaware, in partnership with Delaware Technical & Community College, offers to all qualified applicants who are residents of the State of Delaware the opportunity to pursue a two-year liberal arts program leading to the Associate in Arts (A.A.) Degree. The Associate in Arts Program builds on the strengths of the former Parallel Program, which it replaces. The Associate in Arts Program is offered at UD academic centers on Delaware Tech campuses in Wilmington, Dover and Georgetown.

The Associate in Arts program is designed to enable students to complete sixty credits for the Associate in Arts degree in two years, and then to move to the UD main campus in Newark to complete a bachelor's degree. All of the sixty credits required for the Associate in Arts will apply toward a B.A. degree at the University of Delaware.

THE UNIVERSITY – DELAWARE TECH PARTNERSHIP

The Associate in Arts Program is offered as the result of a unique partnership between the University and Delaware Tech. Delaware Tech provides classrooms and other facilities to enable the University to bring its teaching resources to locations throughout the state. The Associate in Arts degree is a UD degree, and the courses for the Associate in Arts degree are UD courses which appear on a UD transcript, but the physical location of the classrooms is at Delaware Tech. UD faculty provide the course instruction, and UD staff provide academic support, including on-site academic advisement, tutoring, skills enhancement, and other services. The goal is to bring the best of both institutions to serve the educational needs of Delaware residents.

Associate in Arts students receive UD identification cards and UD computer accounts, enabling them to use UD academic, cultural, and recreational privileges. For example, Associate in Arts students can use the Morris Library or the Bob Carpenter Sports Center in Newark; they can join UD's registered student organizations; and they qualify for student rates at UD theatre, music, or art events. At

the same time, Associate in Arts students carry Delaware Tech identification cards, entitling them to use Delaware Tech facilities and participate in Delaware Tech events.

Because of NCAA requirements, Associate in Arts students who qualify for participation in intercollegiate sports may do so through Delaware Tech but not through UD – NCAA rules forbid dual eligibility.

BENEFITS OF THE ASSOCIATE IN ARTS PROGRAM

The Associate in Arts Program has been designed to prepare students for the completion of a rigorous academic program, by building academic strengths and skills in a supportive small-campus environment. Program participants will receive academic advisement and assistance from faculty advisors and professional advisors at their campus. Academic advisors at the Associate in Arts locations and in Newark will assist the transition of Associate in Arts students to the Newark campus for completion of a bachelor's degree.

The distinctive features of the Associate in Arts Program are:

- Small class sizes
- Close faculty contact
- Enhanced academic support
- Curriculum structured to support decisions about appropriate majors
- Focus on the traditional liberal arts (history, English, geography, and other related areas) – the broad education most in demand by employers
- Learning community concept with students clustered in their courses
- Freshman Seminar in the first semester, assisted by peer mentors (juniors and seniors) from the Newark campus
- Tuition substantially lower than UD Newark campus tuition
- Eligibility for free tuition through Delaware SEED Scholarships

The Associate in Arts Program is designed for students we believe can succeed at the University of Delaware, but only if they

first strengthen their academic skills through the program's small classes, individualized attention, and structured curriculum. As an incentive to enroll these students, the University subsidizes their tuition, and the State of Delaware provides SEED grants that cover the remaining tuition. The lower tuition and the eligibility for a SEED grant apply **only to** students who enroll in the Associate in Arts Program. Therefore, if you take advantage of the lower tuition or a SEED grant, please realize that you must be willing to spend **two full years** in the program and **to complete an Associate Degree** before you will be permitted to enroll on the Newark campus.

ADMISSION TO THE ASSOCIATE IN ARTS PROGRAM

Prospective students apply for admission to the Associate in Arts Program through the UD Office of Admissions as part of the regular application procedure. Applications may be found online at www.udel.edu/apply. Students who apply after January 15 will be considered on a "space available" basis. Applicants must demonstrate scholastic aptitude, motivation for academic achievement, and adequate preparation for degree completion. All Delawareans who demonstrate the capacity to succeed will be admitted to the Program.

Financial aid, including SEED grants, will be available through the standard admissions process. SEED grants, which cover the full cost of Associate in Arts tuition, are made available through the State of Delaware to students who meet eligibility requirements established by the State; see <http://www.udel.edu/associateinarts/SEED/>. Students applying for UD financial aid, including SEED grants, must complete a Free Application for Federal Student Aid (FAFSA), available online at <http://www.fafsa.ed.gov/>.

Applicants must be graduates of accredited secondary schools or have equivalent credentials, and must have completed coursework at the high school level appropriate for continued academic achievement and learning; a complete list of expected high school courses is listed on the Freshman Application for Undergraduate Admission. All applicants must submit SAT and/or ACT scores.

All Delawareans who apply to the University of Delaware, but are not admissible to the Newark campus, will automatically be considered for and may be placed in the Associate in Arts Program. Transfer students who have earned more than 28 credits in the liberal arts are not eligible for admission to the Associate in Arts Program.

THE ASSOCIATE IN ARTS CURRICULUM

The Associate in Arts curriculum is designed to provide students with broad skills important for future success, including critical thinking, reading, reasoning and analysis, mathematics, and elementary foreign language skills. The curriculum enables students to explore the various traditional disciplines of the liberal arts, leading to an eventual choice of a major from within these disciplines. The Associate in Arts courses serve three purposes at once: the courses fulfill the requirements of the Associate in Arts degree (see p. 87 for specific requirements); the courses fulfill the majority of the core requirements for the B.A. degree (see p. 86); and the courses serve as the entry-level courses for the most popular B.A. majors.

All students in the Associate in Arts program are classified as "University Studies" students, meaning that they do not have a declared major during the time that they are in the Associate in Arts Program. A formal major is declared upon relocation to the Newark campus at the beginning of the junior year.

In the first year, all Associate in Arts students will be part of a learning community, a group of students co-enrolled in the same courses, including a Freshman Seminar designed to enhance the students' teamwork skills through hands-on projects related to the academic course work. In the second year, students choose academic courses from among the Humanities, Natural Sciences, Social Sciences, and Foreign Languages. The courses have been carefully chosen to serve as the springboard for entry into one of the B.A.

majors associated with the Program.

The Associate in Arts degree requires the successful completion of 60 credit hours of approved academic work with a minimum grade point index of 2.0. Courses leading to the Associate in Arts are offered at the UD academic centers on Delaware Tech campuses in Wilmington, Dover, and Georgetown and admitted students may enroll in approved courses at any of these sites. Students may pursue the degree part-time or full-time. The Associate in Arts program is non-residential – campus housing is not provided and most students elect to live with their families.

CONTINUING TOWARD THE B.A. IN NEWARK

Students who complete the required courses for the Associate in Arts with a minimum GPA of 2.0 are guaranteed admission into a B.A. major on the Newark campus. A formal transfer of credit application is not required for Associate in Arts recipients – they are already UD students, and need merely to declare their intention of continuing toward B.A. study in Newark.

Semester-by-semester course plans are available for the most popular B.A. majors, to help students complete their studies in a timely fashion, and the Associate in Arts Program has been specially designed with these majors in mind.

See www.udel.edu/associateinarts for complete list.

Other majors may also be possible from among the more than 120 combinations of majors and concentrations available within the B.A., but students should note that some majors in Newark have competitive entry requirements, with selection through an internal application process that applies to all students, including those who complete the Associate in Arts.

Students admitted to the Associate in Arts Program are required to complete the entire two-year, sixty-credit sequence before moving to Newark to complete a bachelor's degree. If a student wishes to move to Newark prior to completion of the Associate in Arts degree, a formal request for an exception to policy will be necessary, and applicants will be judged against rigorous criteria.

DIRECT START OPTION – FOR STUDENTS READY TO ENROLL DIRECTLY IN A FOUR-YEAR PROGRAM

Some Delaware-resident students may know what major they want, and be academically prepared to enter a four-year program directly from high school, but may wish, for personal, financial, or other reasons, to start their studies close to home instead of in Newark. Such students should apply directly to their major of choice and should indicate Dover, Georgetown, or Wilmington as their location of choice on the admission application. If accepted into the chosen major, students will have the opportunity to work with an academic advisor to determine the feasibility of taking early coursework with the Associate in Arts Program in Dover, Georgetown, or Wilmington. The advisor will help the "direct-start" student map course selections and develop a timetable for moving to the Newark campus. Courses for a particular major may not be available at all locations.

Students who enroll in four-year programs, whether on the Newark campus or at one of the University's Academic Centers, must pay the full Newark campus tuition and are not eligible for reduced Associate in Arts rates.

FOUR-YEAR DEGREES IN SOUTHERN DELAWARE

Selected four-year degree programs may be completed in their entirety in Southern Delaware. This alternative includes majors in Criminal Justice; Elementary Teacher Education (in conjunction with the Professional Development School in the Milford School District); Hotel, Restaurant, and Institutional Management through UD Online; and Agricultural and Natural Resources. Students must meet the admission requirements for these particular majors and space may be limited in some programs. An academic advisor can assist admitted

students to determine how this option might work for them.

CONNECTED DEGREES – ANOTHER OPTION

Depending on the student’s choice of major, a Connected Degree might be a better choice than the Associate in Arts Program. Connected Degrees with Delaware Tech are currently available in Biology; Biotechnology; Chemistry; Criminal Justice; Early Childhood Education; Electrical Engineering; Engineering Technology; Fitness Management; Food and Agribusiness Management; Hotel, Restaurant, and Institutional Management; Human Services; Secondary Mathematics Education; Medical Technology; and Nursing. The Connected Degree program is growing, with new agreements in several other areas currently in negotiation. A complete and up-to-date list is available at www.dtcc.edu/connecteddegree.

A Connected Degree is a formal, program-to-program transfer agreement between Delaware Tech and the University. In a Connected Degree, the student earns an Associate Degree in Technology from Delaware Tech, and then applies to transfer to UD with junior status, to complete a bachelor’s degree in the related UD major. Students who complete the Delaware Tech degree with the minimal criteria as stated for each major are guaranteed admission to the matching major at UD, and the credits earned at Delaware Tech are applied toward the completion of the bachelor’s degree at UD.

The main difference between starting in a Connected Degree as opposed to the Associate in Arts Program is which institution awards the two-year degree: in a Connected Degree, the first half of the degree is awarded by Delaware Tech, while the Associate in Arts is awarded by UD. However, the programs are similar in their location: in both a Connected Degree and in the Associate in Arts Program, the student would begin studies at a Delaware Tech campus.

Students who wish to pursue a Connected Degree should apply for initial (freshman) admission to Delaware Tech, and should work closely with a Delaware Tech advisor to complete the process for continuing toward completion at UD. Not all majors are available at all Delaware Tech campuses; see the list at

www.dtcc.edu/connecteddegree for location information.

FOR MORE INFORMATION

The Associate in Arts Program is administered through the University’s Office of Undergraduate Studies and the University Advisement Center, both located in Elliott Hall on Main Street in Newark, telephone 302-831-0628. See www.udel.edu/associateinarts for more information.

FLEXIBLE PROGRAMS AROUND 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 programs:

- Business Analyst Certificate
- Business Communications Certificate
- Clinical Trials Management Certificate
- Composite Materials Graduate Certificate
- Dietetics Internship Program
- Essentials of Management Certificate
- Financial Planning Certificate

- Legal Nurse Consultant Certificate
- Paralegal Certificate
- Performance Management Certificate
- Project Management Certificate
- Socially Responsible and Sustainable Apparel Business Certificate
- Statistical Analyst Certificate

In addition, the Division of Professional and Continuing Studies provides customized, on-site training to area businesses, government agencies, and professional associations to help meet their educational and professional development 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.pcs.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 professions. Both day and evening courses are available to Continuing Studies students. Through UD Online, courses are also available via the Internet.

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: Chemistry, Computer Science, Criminal Justice, Engineering Technology, English, History, Psychology, Sociology, and Women’s Studies. In southern Delaware, part-time students can earn Bachelor’s degrees in Criminal Justice, and Agriculture and Natural Resources. Students may complete an Associate in Arts, a Bachelor of Science in Hotel, Restaurant and Institutional Management, or a Baccalaureate for Registered Nurses through UD Online. Students must apply for admission to these programs through the Office of Admissions or can begin taking courses without formal admission as a Continuing Education student.

For more information on degree programs for part-time undergraduate students, contact the Division of Professional and Continuing Studies, (302) 831-2741 or see

www.pcs.udel.edu/credit/.

DISTANCE LEARNING BRINGS THE CAMPUS TO YOU

UD Online/distance learning provides non-traditional students with greater access to credit courses and degree programs at the University of Delaware. UD Online allows students the freedom to pursue their degree even if their schedule or geographic location prevents them from attending class on campus.

Courses are delivered on the Web with proctored exams at designated sites throughout the United States, internationally, and at various University locations. The UD Online “virtual classroom” features many creative learning technologies such as videostreamed class lectures, interactive Web activities, blogs, online research projects, threaded discussions, and chatrooms.

Course requirements for UD Online courses are the same as for on-campus courses and UD Online’s academic calendar matches the University campus schedule. Participation in a UD Online course or degree program does not affect a student’s classification, and there is no distinction on student transcripts or diplomas between on-campus

and UD Online courses and programs.

The following degree programs are available via state-of-the-art distance learning technology:

- Associate in Arts, (AA)
- Bachelor of Science, Nursing (BSN) for students with associate degrees or nursing diplomas,
- Bachelor of Science, Hotel, Restaurant and Institutional Management
- Master of Science in Nursing (RN to MSN, or RN to MSN)
- Master of Science in Nursing, Health Services Administration major
- Master of Science in Nursing, Clinical Nurse Specialist
- Master of Science in Health Services Administration
- Master of Engineering, Mechanical
- Master of Science in Electrical Engineering

In addition, UD Online courses can help meet degree requirements in other majors, or can be transferred to other college degree programs. Certificate and noncredit distance courses also are available for the purpose of career enhancement or personal enrichment. For complete program information and up-to-date course listings, students are encouraged to call 302 831-2741 or visit www.pcs.udel.edu/udonline

LEARNING SHOULD LAST A LIFETIME

The Academy of Lifelong Learning, a program of the Division of Professional and Continuing Studies, provides more than 200 college-level, noncredit courses each semester, as well as seminars, travel, cultural and social events, and other learning and enrichment activities for individuals 50 and over. Academy activities are planned and taught by Academy members. The northern Academy is located in Arshat Hall on the Wilmington campus, the southern Academy in Lewes, Delaware. For more information, please see:

www.pcs.udel.edu/enrichment/retirement.html.

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.pcs.udel.edu/access.

The **FAME/UNITE/MERIT/UD** program is a pre-college initiative to increase the effective participation of underrepresented groups and others 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 high school students with demonstrated potential for success in the applied sciences 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 or see <http://www.engr.udel.edu/rise/fame/index.html>.

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) 831-3063 or visiting www.udel.edu/govschool/.

UD SUMMER COLLEGE allows motivated high school students who have completed their sophomore or 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 or three 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 May 1 if financial aid is requested, or otherwise by May 15.

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 Enrichment Center, is a year-round program designed to serve 54 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 eligible applicants.

For more information, please contact the Academic Enrichment Center, 148-150 South College Ave., Newark, DE 19716, (302) 831-4102.

THE UPWARD BOUND MATH/SCIENCE PROGRAM at the University of Delaware, housed within the Academic Enrichment Center, is designed to serve 54 eligible high school students who are U.S. citizens or permanent residents. Students who have completed the 9th grade from Delaware and Maryland 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.

For more information, call (302) 831-6373. Located at 148-150 South College Ave., Newark, DE 19716.



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 34 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. For the academic year beginning fall 2007, a full-time student who chooses to live in a standard multiple room on campus, with a seven day meal package, will pay \$8,049 per semester/\$16,098 per year (Delaware resident) or \$13,674 per semester/\$27,348 per year (non-resident). Winter and Summer Session fees are additional. Please see details below on spring 2008 tuition, room, and meal fees, which are subject to change for the 2008-2009 academic year. (Fees and expenses for the Professional and Continuing Studies 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		NON-RESIDENT	
	Undergraduate	Graduate	Undergraduate	Graduate
1	\$ 306.00	\$ 408.00	\$ 775.00	\$ 1,033.00
2	612.00	816.00	1,550.00	2,066.00
3	918.00	1,224.00	2,325.00	3,099.00
4	1,224.00	1,632.00	3,100.00	4,132.00
5	1,530.00	2,040.00	3,875.00	5,165.00
6	1,836.00	2,448.00	4,650.00	6,198.00
7	2,142.00	2,856.00	5,425.00	7,231.00
8	2,448.00	3,264.00	6,200.00	8,264.00
9	2,754.00		6,975.00	
10	3,060.00		7,750.00	
11	3,366.00		8,525.00	
12				
13				
14		\$ 3,670.00		\$ 9,295.00
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	NON RESIDENT
	Undergraduate	Undergraduate
18	\$ 306.00	\$ 775.00
19	612.00	1,550.00
20	918.00	2,325.00
21	1,224.00	3,100.00

MBA/BEMS Pathway Students* - Tuition rates for graduate students classified as Masters of Business Administration, MBA Pathways or one of the Masters of Science Business & Economic programs.

Tuition Rates	DELAWARE RESIDENT	NON RESIDENT
Per Credit Hour	\$ 500.00	\$ 1,033.00
Full Time (9 or more credit hours)	\$ 4,495.00	\$ 9,295.00

*Fee approved for the 2007-08 academic year. Subject to change for the 2008-09 academic year.

Graduate Student Sustaining Fee - Master's Sustaining Fee is \$410.00. Doctoral Sustaining Fee is \$610.00. (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 or more credits per semester for graduate students. All full-time undergraduate students pay the full-time tuition charge, and fees which include but are not limited to the Comprehensive Student Fee, the Student Center Fee, and the Student Health Services Fee (see "What Other Fees Should I Know About" for details). 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 (2008)*

TUITION RATES - PER SESSION

Credit Hours	DELAWARE RESIDENT		NON-RESIDENT	
	Undergraduate	Graduate	Undergraduate	Graduate
1	\$ 306.00	\$ 408.00	\$ 775.00	\$ 1,033.00
2	612.00	816.00	1,550.00	2,066.00
3	918.00	1,224.00	2,325.00	3,099.00
4	1,224.00		3,100.00	
5				
6	Maximum Tuition \$ 1,377.00		Maximum Tuition \$ 3,488.00	
7				

Tuition for MBA, MBA Pathways and BEMS students.

Tuition Rates	DELAWARE RESIDENT	NON RESIDENT
Per Credit Hour	\$ 500.00	\$ 1,033.00
No maximum applies to Graduate level courses		

SUMMER SESSION TUITION (2008)*

TUITION RATES - PER SESSION

Credit Hours	DELAWARE RESIDENT		NON-RESIDENT	
	Undergraduate	Graduate	Undergraduate	Graduate
1	\$ 306.00	\$ 408.00	\$ 775.00	\$ 1,033.00
2	612.00	816.00	1,550.00	2,066.00
3	918.00		2,325.00	
4				
5	Maximum Tuition \$ 1,224.00		Maximum Tuition \$ 3,100.00	
6				
7				

Tuition for MBA, MBA Pathways and BEMS students.

Tuition Rates	DELAWARE RESIDENT	NON RESIDENT
Per Credit Hour	\$ 500.00	\$ 1,033.00
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 for Change in Classification for the Purpose of Fee Assessment 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/residency.html.

WHAT DOES IT COST TO LIVE ON CAMPUS?

HOUSING RATES 2007-2008*

Residence Hall	Academic Year	Per Semester
Traditional*		
Standard Double	\$ 4,748	\$ 2,374
with bath	\$ 5,026	\$ 2,513
Economy Single	\$ 5,142	\$ 2,571
Standard Single	\$ 5,644	\$ 2,822
with bath	\$ 6,048	\$ 3,024
Ray Street/George Read/Thomas McKean/James Smith		
Double	\$ 5,320	\$ 2,660
Special Single	\$ 6,404	\$ 3,202
Christiana		
1/4 2-bdrm apt.	\$ 5,380	\$ 2,690
1/2 1-bdrm apt.	\$ 6,730	\$ 3,365

Conover (Family and Graduate Housing)

2-bdrm apt. \$ 955/month unfurnished \$ 935/month
 1-bdrm apt. \$ 820/month unfurnished \$ 810/month

Graduate House (Graduate Housing)

Single Room (small) \$ 505/month
 Single Room (large) \$ 585/month

Note: Rooms in air-conditioned residence halls on the Green are an additional \$50 per semester, per student.

WHAT SHOULD I KNOW ABOUT LIVING ON CAMPUS?

ON-CAMPUS UNDERGRADUATE HOUSING

Newly admitted students automatically receive residence application information. Returning students apply online for on-campus housing beginning with the Housing Fair late February through mid-March. Students may obtain information at www.udel.edu/has.

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/has/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 will be made according to the First Year Experience program registration and the housing information that is submitted. Assignments are made according to the student's housing information whenever possible. However, there is no guarantee of specific space or room type. 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.

*Fee approved for the 2007-08 academic year. Subject to change for the 2008-09 academic year

To apply for on-campus housing and dining, students submit a housing and dining application and housing information form on-line. A \$200 housing deposit may be paid with a credit card, check, or money order to the Cashiers Office. Returning students may also deduct their deposit from their *FLEX* account. 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 \$100.

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 June 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 (June 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 (June 1 for fall semester and December 20 for Winter Session and/or spring semester), you are obligated to pay for the full 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. For details see www.udel.edu/has/studhsagrmr/index.html.

GRADUATE STUDENT 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 access the off-campus housing listing for listings of some current housing options provided to Housing Assignment Services:

www.udel.edu/has/offcampus/main.htm.

Information and applications for on-campus graduate student housing may be obtained online at www.udel.edu/has/graduate. 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. 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.

STUDENT GUIDE TO UNIVERSITY POLICIES 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 *Student Guide to University Policies* (www.udel.edu/stuguide/current), 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, snack bars, convenience markets, concessions carts, and fine dining at the Blue and Gold Club. A registered dietician is on-hand for free personal consultations regarding special dietary needs.

DINING PLANS FOR STUDENTS IN RESIDENCE HALLS

A variety of dining plan options is 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.**

The purchase of a dining plan for winter session and summer session is required for students living in a residence hall during these sessions. Students living in the Christiana Towers Apartments, Graduate Student and Family Housing, or off campus may purchase an optional dining plan for winter session or summer session.

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, snack bars, convenience markets, concessions carts, and at the Blue and Gold Club. Additional points may be purchased at Value Transfer Stations at five convenient locations on campus (see www.udel.edu/udflex); at either University Box Office location; or at least \$25 at 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 all unused points are forfeited, have no refundable value and may not be redeemed.

Dining plans are 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 STUDENT AND FAMILY HOUSING OR OFF-CAMPUS

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 optional plan. The deadline for changes or cancellations corresponds with the drop/add deadline for classes each semester. The minimum purchase for a Christiana Towers Apartment & Off-Campus Points Plan is \$150, but a student may purchase any amount over that minimum. **Unused points from summer session, fall semester, and/or winter session may be carried over to the next semester/session. All unused points are forfeited at the end of the spring semester and have no refundable value.**

Option 2: Instead of purchasing additional points, you may want to consider opening a FLEX account or a UD#1 CARD with STAR® account (with WSFS Bank) to widen the purchasing power of your UD#1 CARD on and off campus. FLEX is accepted nearly anywhere on campus that cash is accepted, over 200 locations: All dining locations; the University Bookstore; University computer labs; the Library; and laundry machines. Unused FLEX balances carry over from semester to semester and are fully refundable upon closing the account. For more information on FLEX, call 302 831-4033. For more information on expanding the banking capabilities of your UD#1 CARD with STAR®, call the WSFS Bank branch at the Trabant University Center at 302 831-4400. You may also email us at ud1flex-office@udel.edu.

SELECTING AND CHANGING DINING PLANS

The Housing/Dining preference form available on the Web allows students to select a dining plan. The dining plan may be changed (subject to applicable deadlines) by using the online Choose or Change application available at www.udel.edu/dining. If the student makes no selection, he or she will automatically be assigned and billed for the default plan providing 12 meals per week plus \$175 points per semester.

After the student arrives on campus, dining plan selections may be changed one time between the day that classes begin and the drop/add deadline for classes each semester. NOTE: The fall dining plan selection will automatically be reassigned for spring unless the student makes a formal request to change using the Change form online.

CANCELING DINING PLANS

Requests to cancel a *Dining Services Agreement* for the current semester or session are granted only in limited situations and must be made in writing in accordance with the *Cancellation Policy* at www.udel.edu/dining.

If the request to cancel the *Dining Services Agreement* is granted by the University the student's University account will be credited based on a proration of unused dining plan meals for the remaining days in the term of the Agreement minus two weeks (14 days), plus the value of any unused points. Any credit balance in the student's University 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 a Dining Services transaction. The UD#1 CARD is not transferable and may 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 UDI-CARD (831-2273) to prevent unauthorized use. Replacement cards are issued by the UD#1 CARD office in the Student Services Building.

HOW MUCH WILL MEALS COST?

DINING FEES 2007-2008*

Plan	Value per Semester	Cost per Semester
1	Any 19 meals/week plus \$ 35 in points	\$ 1,600
2	Any 18 meals/week plus \$ 55 in points	\$ 1,600
3	Any 17 meals/week plus \$ 75 in points	\$ 1,600
4	Any 16 meals/week plus \$ 95 in points	\$ 1,600
5	Any 15 meals/week plus \$115 in points	\$ 1,600
6	Any 14 meals/week plus \$135 in points	\$ 1,600
7	Any 13 meals/week plus \$155 in points	\$ 1,600
8	Any 12 meals/week plus \$175 in points	\$ 1,600
9	Any 11 meals/week plus \$195 in points	\$ 1,600
10	Any 10 meals/week plus \$215 in points	\$ 1,600
11	Any 9 meals/week plus \$235 in points	\$ 1,600
12	Any 8 meals/week plus \$255 in points	\$ 1,600
13	Any 7 meals/week plus \$275 in points	\$ 1,600
14	Any 6 meals/week plus \$295 in points	\$ 1,600
15	Any 5 meals/week plus \$315 in points	\$ 1,600

Off-Campus & Christiana Plans

Value per Semester	Cost per Semester
a. 50 block meals	\$383
b. Any 3 meals/week	\$347
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

*Fee approved for the 2007-08 academic year. Subject to change for the 2008-09 academic year.

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 \$25 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 \$306* per credit hour. Undergraduate nonresidents who enroll for fewer than 12 credits pay \$775* per credit hour. Courses taken as an auditor are included in the credit-hour total. A \$25 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 \$78* 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 Trabant University Center and renovations to the Perkins Student Center, as well as operating costs of these student centers. The fee is \$107 per semester, during fall and spring semesters.

NEW STUDENT ORIENTATION FEE

Newly matriculated undergraduate students (including transfers) are required to pay a \$85* 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

Each semester, a mandatory \$220* fee is assessed to all full-time matriculated students, entitling them to use the Student Health & Counseling Centers during that period. Part-time matriculated students are eligible to use the Health & Counseling Centers' services by including the fee with their semester payment, or they may use the Health & Counseling Centers on a fee-for-service basis. A separate winter session health fee (\$59*) 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 \$84* 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) 831-8843 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.

CLINICAL COURSE FEE

Students enrolled in NURS 453, 457, 459, 473, 477 and/or 479 will pay \$125 per course 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 \$50 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 invoice is generated to enrolled students six weeks in advance of the start of each semester. The invoice is based on the student's registration at the time of billing. If changes in registration are expected, it is the student's responsibility to make any necessary adjustments to the bill and submit the adjusted amount due

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by the due date.

In an effort to provide both students and parents with the most up-to-date, accurate information, the University of Delaware is adopting a total eBilling strategy during the 2008-2009 academic year. Beginning July 1, 2008, all students will be notified via their UD email to access their account statement via the UDSIS site. Each time a bill is generated, students will get an email directing them to a secure billing site where the current bill, historical bills, and the most recent account activity will be available.

Students will securely log in using their UDEL username and password, and they can also authorize access to parents, guardians, spouses and others. Students and their authorized users can view and pay their bills online via the UD website. These payments will be electronically drafted from the family's bank account as authorized via the eCheck system at <https://www.udel.edu/paybill>.

If payments are made by check or money order, they should be made payable to the University of Delaware. Receipts are issued for payments by check or money order only when specifically requested.

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.

INSTALLMENT PLAN OPTION

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.

FALL SEMESTER

August 1	25%
September 1	25%
October 1	25%
November 1	25%

SPRING SEMESTER

January 6	25%
February 6	25%
March 6	25%
April 6	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 Billing 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.

FINANCIAL CLEARNACE

You will not be officially registered for a semester until you are financially cleared. You will be financially cleared once one of the following steps is completed by the due date.

- Make full payment due by the due date stated on the semester invoice, or
- Make the first payment and all subsequent installments on-time according to the scheduled due dates, or
- Complete the UD Non-Payment Certification Form at www.udel.edu/nopayment. This form certifies why payment has not been submitted and protects the semester registration (i.e. if the semester balance is zero due to financial aid, graduate contract, or other credits which cover the total semester charges).

If you are not financially cleared by the semester's payment deadline, you may risk being dropped from your classes.

FINANCIAL RESPONSIBILITY/TUITION REFUND ELIGIBILITY

Please remember that the act of registering generates related tuition charges for which you are financially responsible. If for some reason you register and subsequently decide not to take classes, you must officially drop or withdraw from courses before the free Drop/Add period ends for the given semester. Full-time and part-time students who withdraw in writing from the University by the end of the semester's free Drop/Add period are eligible for a full refund of tuition and fees. No refunds of tuition or course fees will be made for withdrawal or dropped courses after the free Drop/Add period expires.

WHAT HAPPENS IF I AM NOT FINANCIALLY CLEARED?

- IF THE UNIVERSITY DOES NOT RECEIVE THE REQUIRED PAYMENT BY THE SPECIFIC DATE EACH SEMESTER, REGISTRATION MAY BE CANCELLED. STUDENTS NOT MAKING PAYMENT MUST BE FINANCIALLY CLEARED BY CERTIFYING THAT FINANCIAL AID OR OTHER SOURCES WILL BE CLEARING THEIR BALANCE DUE.
- 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 is not financially cleared by the date specified on each monthly invoice may be charged a \$55* late-payment fee each billing cycle. 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 at the time of registration.

A student who chooses the installment payment plan and either 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 a parent 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 Registrar's Service Desk by the fee-payment deadline for spring semester. These forms are available in December in the Student Services Building and online at: www.udel.edu/bill_coll/. For determination of eligibility, see the Sibling/Parent Tuition Credit Policy distributed with the form or

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contact the Billing Services Office (302)831-2126.

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. They must pay all applicable fees except the Admission Application, Readmission Application, Advance Standing, Student Teaching, and New Student Orientation Fee. 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 1606 and 1607 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 or call (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 Travel Study Programs or to non-credit training classes conducted by the Division of Professional & Continuing Studies. Teachers must submit a Fee Payment Form and pay the summer general fee, registration 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 the student risks 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 Billing 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 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 halftime status). **Continuing Education students are not eligible for financial assistance.** All upperclass applicants must follow the same application procedures outlined above for entering freshmen. Students should obtain a FAFSA form from the Student Services Building or apply at: www.fafsa.ed.gov.

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 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 amount of earned financial aid be evaluated and appropriate adjustment(s) of financial aid awards processed.

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 can 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 Federal College WorkStudy Program, and Federal Direct Loans (Subsidized, Unsubsidized, and PLUS). The Nursing Loan Program is also a federal financial aid program. 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 Office of Campus Life, 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, call (302) 831-8761 or visit <http://www.udel.edu/finaid>. 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**
- **Information Technology Resources**
- **Visit the Dean of Students Office for Guidance and Support**
- **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**
 - **ASPIRE**
 - **Excel Program**
 - **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 Center To Help You Fulfill Your Potential**
- **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 and unofficial transcripts, printing copies of their course schedules, tuition and fee payment, financial aid, flexible spending accounts, and dining services. Services tailored especially for foreign students, scholars and their dependents are also available.

THE RICH RESOURCES OF THE UNIVERSITY LIBRARY

The University of Delaware Library includes a rich array of electronic and print resources. The Library includes the Hugh M. Morris Library, where the main collections are housed, the Library Annex, 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. Electronic books, journals, and databases, books and journals in print and microform, U.S. and Delaware government publications, maps, manuscripts, media in DVD and other formats, 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. The Library's AskRef Live! service provides online live reference service many hours of the week.

Over 2,700,000 volumes of books and journals, more than 40,000 electronic journals, more than 230 databases, as well as more than 3,400,000 items in microtext are included in Library collections. The Library's resources are broadly based and comprehensive, with emphasis on the social sciences, humanities, science and engineering. Library Special Collections of rare books and manuscripts include the Delaware Collection; the Unidel History of Chemistry Collection; the Unidel History of Horticulture and 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. Library Digital Projects including the University of Delaware Library Postcard Collections with more than 2,000 images of Delaware is accessible online at www.lib.udel.edu/digital/.

The Library is a depository for publications of the U.S. Government and for all patents issued by the U.S. Patents and Trademarks Office.

The University of Delaware Library Institutional Repository using DSpace software provides access to original research by University of Delaware faculty and staff via the Web at <http://dspace.udel.edu>. Faculty research collections from images of tissue arrays to Disaster Research Center report are easily available to

the UD community and the world.

The Morris Library provides seating for approximately 3,000, more than 200 public access Internet workstations, more than 175 wired Internet ports and wireless Internet access in much of the Library for laptop users. The Student Multimedia Design Center, located on the Lower Level, provides more than 70 computer workstations with access to multimedia applications software, 2 studios, as well as the Internet. The Morris Library also includes a large Reserve Room designed for quiet study, group study rooms, a periodical reading room, a Special Collections area including an exhibition gallery and a reading room with a controlled environmental system for rare materials, Instructional Media carrels and Media Viewing Room, and an Assistive Technology Center with special equipment and computer access.

The University of Delaware Library Web (www.lib.udel.edu) offers access to the Library's vast electronic resources, including DELCAT, the University's online catalog (delcat.udel.edu/).

The Library provides online electronic access to more than 230 databases, including a large number of full-text databases with full electronic articles, as well as many reference databases in all disciplines. Electronic library resources are accessible to University of Delaware students, faculty and staff from residence halls, offices and buildings throughout the University, and to University users from off-campus using a UD computing account. The Library Web page serves as a gateway research tool and provides access to electronic resources on the Web, including those licensed for UD faculty, staff, and students. To assist users in navigating the Web, the Library has created more than 105 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.

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.

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.

INFORMATION TECHNOLOGY RESOURCES

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 easily and effectively.

Students communicate with their professors and peers, conduct research, and submit assignments using a wide range of technologies for their academic work. A Student Multimedia Design Center (www.udel.edu/smdc) in the Morris Library enables students to use the latest technology to create multimedia projects for assigned course work as well as personal use.

All University classrooms are connected to the campus network, which enables faculty to use a wide variety of multimedia services and devices in their teaching. Many faculty use a learning management system or other web tools to enhance their courses. Some faculty use personal response systems (clickers) to engage students in class material as well as foster a collaborative atmosphere to enhance student learning. Many classrooms have network connections at student seats to facilitate the use of laptop computers during class. The University also has wireless access zones across campus including the Morris Library, selected classrooms, residence hall lounges, dining areas, and locations where students gather. Students can locate wireless access zones by viewing an online campus map (www.udel.edu/wireless).

General access computing sites are located conveniently across campus where students may use desktop computers or connect their laptop computers via the wired or wireless network (www.udel.edu/sites). At these sites, each student may print 100 black and white pages every six months without charge. Detailed information about the University's PrintLess printing policy (www.udel.edu/topics/printless) can be found online.

Instructional video is broadcast by the University's television network, and many classes include special viewings as part of course requirements.

ANSWERS TO YOUR QUESTIONS ABOUT COMPUTERS ON CAMPUS

How can I get help for general computing problems?

For questions about general computing problems, contact the Information Technologies (IT) Help Center. You can browse the Center's web site for online help (www.udel.edu/help), including step-by-step instructions about setting up and using UD supported software. You can call the Center at (302) 831-6000 or send e-mail to consult@udel.edu.

Online videos located on the "Consulting on Demand" web site (www.udel.edu/cod) can help you with a variety of tasks as you use your computer on UD's network. All videos play on both Macintosh and Windows computers with free software (Quicktime or iTunes). You can stop, start, and rewind these videos to review sections of an episode. Each episode is available on a subscription basis (RSS or iTunes) or "on demand" (download episodes at your convenience). You can also access the series of videos from the IT Help Center's web site (www.udel.edu/help).

Where can I get information about recommended computer hardware and software?

The Technology Solutions Center (TSC) can help you decide which computer products are best suited to your needs. You can evaluate systems on display and read accompanying literature from manufacturers. The TSC also prepares standard configurations that can be found online (www.tsc.udel.edu). The TSC (located in Room 002B Smith Hall) is open Monday through Friday from 8 a.m. to 5 p.m. You can call the TSC at (302) 831-8895, send e-mail to tsc-info@udel.edu, or browse its web site (www.tsc.udel.edu).

What computer should I bring to campus?

If you plan to bring a computer to campus, you must bring one that meets the University's current minimum system requirements. Because computing technology changes rapidly, please check the TSC's web site (www.tsc.udel.edu) or call (302) 831-8895 for the most up-to-date information regarding minimum system requirements. For your convenience, the University also recommends that you bring a printer to campus.

How do I connect my computer to the campus network?

It depends! Students can connect their computer directly to the campus network in their residence hall room. Off-campus students can dial-in to the network from all regions of Delaware as well as parts of Maryland or connect through DSL or cable modem service. Browse the IT Help Center's web site (www.udel.edu/help) for the most up-to-date information about how to connect. For further information, call the IT Help Center at (302) 831-6000.

The University also has wireless access zones across campus including the Morris Library, selected classrooms, residence hall lounges, dining areas, and locations where students gather. Students can locate wireless access zones by viewing an online campus map (www.udel.edu/wireless).

VISIT THE DEAN OF STUDENTS OFFICE FOR GUIDANCE AND SUPPORT

The Dean of Students Office helps students to resolve University-related problems. Students who need assistance with negotiating the intricacies of a large campus can seek the advice of the Dean of Students and their office staff. The staff is available to answer questions, advocate on behalf of students, or point students and their families in the right direction to get problems solved. Specific services include.

- A single point of contact within the University for students and their families in times of crisis.
- Counseling and referral for students contemplating withdrawal from or re-enrollment at the University
- Short-term emergency loans

Students are encouraged to contact the office at 302 831-8939.

ACADEMIC ADVISEMENT TO KEEP YOU ON TRACK

UNDERGRADUATE ADVISEMENT

Academic advisement is available to all students, and students are strongly encouraged to seek regular advisement through their assigned advisor. Assignment of students to advisors is coordinated by their college or major department. To find out who your faculty advisor is, call your major department or academic dean's office, or use your personal logon to your academic record in UDSIS. Freshmen and sophomores who have not yet declared a major can choose to be a part of the University Studies Program and are advised by professional staff affiliated with the University Studies Program (see below).

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 for the next semester. 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.**

University Studies Program

The University Studies Program advises students who have not declared a major, providing them with guidance in choice of courses for each term and eventual choice of major. The UST Program's professional advisors provide a full range of services to students from the time that they enter the University until the time that they declare a major, when they will be assigned an advisor from within their new program. The website of the University Studies Program includes extensive information to help University Studies students choose courses appropriate for majors that they may be considering – please see <http://ust.udel.edu/>.

Associate in Arts Program

Students in the University's Associate in Arts Program for Delaware residents are served by professional advisors who maintain office hours in Elliott Hall in Newark as well as at the UD Academic Centers in Wilmington, Dover, and Georgetown. The Associate in Arts advisors ensure that students maintain timely progress toward completion of their Associate degree, and also work with them to facilitate their transition to the Newark campus as juniors pursuing a bachelor's degree.

Students Who Have a Declared Major

Students who have a declared major and are affiliated with a specific college usually seek the assistance of their faculty advisor or

the Assistant Dean of their own college, but if in transition, students are welcome to consult with professionals from the University Studies Program for referral to the appropriate office. Advisors in the University Studies Program are happy to assist students who are considering a change of major from one UD college to another and want more information on opportunities available to them.

Graduate Advisement

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.

Advisement For Continuing Education Students

Current and potential continuing education students should consult the Adult Centers for Continuing Education Student Services (ACCESS)(see: www.pcs.udel.edu/access) for career counseling and interest assessment, educational planning and academic advisement, and administrative assistance. Offices are located in Newark at 116 Pencader Dining Hall 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 Newark, or (302) 855-1630 in Georgetown. Administrative help is available for those planning to register for credit and noncredit courses.

MAXIMIZE YOUR ACADEMIC PERFORMANCE

The Academic Enrichment Center offers activities that provide undergraduates with extensive academic assistance, through **individual tutoring, group study sessions, 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 Enrichment Center. In addition to the services mentioned above, the AEC 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 Enrichment 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 and at the AEC.

Individual accommodations are provided on a case-by-case basis. In addition to providing eligible students space in the Test Accommodations Center (TAC) for extended time in a reduced-distraction setting, LD/ADHD staff members may provide other assistance, including referrals to other AEC and UD supportive services.

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 coursework in mathematics, English, and academic self-management and to participate in a variety of academic support and enrichment activities.

THE JOHN HENRY TAYLOR SCHOLARS PROGRAM is designed for students pursuing baccalaureate degrees in the fields of mathematics and science. Participants include students who are underrepresented in these fields with regard to ethnicity, socioeconomic status, and/or

educational preparedness. John Henry Taylor Scholars are given the opportunity to participate in individual and group tutorials, mentoring, study skills, and enrichment activities. The program is designed to assist academically able students and provides opportunities for leadership. John Henry Taylor Scholars are invited to begin their studies in the Summer Enrichment Program.

THE STUDENT SUPPORT SERVICES PROGRAM (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, with potential to be in the first generation of four-year college graduates in their families, 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 Enrichment Center, 148-150 South College Ave., Newark, DE 19716, (302) 831-2805 or visit: www.aec.udel.edu.

NEED HELP WITH MATH?

The Math Tutorial Site provides free tutorial assistance and other resources for students of Intermediate Algebra (MATH 010), most one hundred level math courses and Calculus (MATH 221, MATH 241). The Tutorial Site provides math problem assistance (limited tutorial assistance in mathematics by qualified undergraduate students, and graduate students). It also has solution manuals to most of the math textbooks of courses mentioned above, and a library of Algebra, Precalculus, and Calculus textbooks. The Tutorial Site is located in 106 Ewing Hall. Students who would like information about private math tutors should contact the Academic Enrichment Center at (302) 831-2805.

IMPROVE YOUR WRITING SKILLS

The University Writing Center offers individualized consultations in writing to University students. Writers at any level and from any discipline may attend the center at no charge. Center consultants are prepared to discuss any aspect of writing. They can help writers decide on topics, how to organize information, revise a draft, document sources, or self-edit. In addition, the center offers advice on prewriting strategies, essay exams, documentation styles, and thesis or dissertation writing.

The Writing Center is located in 016 Memorial Hall. Students need to reserve a time by logging on to <http://www.english.udel.edu/wc/>.

SUPPORTING THE ACADEMIC SUCCESS OF ALL STUDENTS

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. As part of its strong commitment to support a diverse student population, the University offers a number of programs and services for students in particular fields of study. These programs have been highly successful in supporting the success of students from underrepresented groups and those who face challenging social, economic, educational, or other life circumstances.

ASPIRE (Academic Support Programs Inspiring Renaissance Educators) is housed within the Delaware Center for Teacher

Education and encourages underrepresented students to pursue a career in teaching. The program provides students with academic support through regular meetings with their ASPIRE (academic) advisor. In addition, tutors, study skills classes and study groups are available to ensure student's success. In scheduled meetings with students in the various teacher education majors, students can discuss areas of professional development and mutual interest in a collegial atmosphere. For further information, call (302) 831-3000 or visit www.udel.edu/dcte/aspire/index.html.

THE EXCEL PROGRAM is a comprehensive college academic and financial support program for students in the Alfred Lerner College of Business and Economics. The Program provides financial assistance, academic advisement and career development support to students from groups who are underrepresented in the various areas of business. The Excel Program includes mentoring and tutorial assistance and provides academic and professional development opportunities from freshman through senior year. Interested individuals should contact the Excel Program advisor at 302-831-4369 or visit the college's website at

www.lerner.udel.edu/advising/Excel.html.

NUCLEUS (NETWORK OF UNDERGRADUATES COLLABORATIVE LEARNING EXPERIENCES FOR UNDER-REPRESENTED SCHOLARS) is an interdepartmental program in the College of Arts and Sciences. Funded by the Howard Hughes Medical Institute's Undergraduate Science Education Program, its goal is to recruit, retain and graduate academically talented students, including underrepresented students, majoring in the sciences. NUCLEUS assists such students in attaining their bachelor's degree and encourages them to pursue advanced degrees in the sciences. Concentrating on mentoring and student advisement throughout the undergraduate career, this program provides comprehensive academic enrichment 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 www.udel.edu/NUCLEUS.

RISE (RESOURCES TO INSURE SUCCESSFUL ENGINEERS) is a comprehensive support program for students in the College of Engineering. A key component of the RISE program is the summer bridging experience, which takes place before the freshman year to provide 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 mentoring, career and professional development workshops, interaction with faculty, student organizational participation and academic achievement recognition. These services are designed to promote academic and career related success. For further information, call (302) 831-6315 or visit www.engr.udel.edu/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 President's Commission to Promote Racial and Cultural Diversity (www.udel.edu/diversity/) guides the

University in carrying out these goals. The President appoints Commission members. 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 Office of Women's Affairs, the Lesbian, Gay, Bisexual, Transgender (LGBT) Community Office, and the caucuses of the Commission to Promote Racial and Cultural Diversity, namely, the LGBT, African Heritage, Latino Heritage, Asian Heritage, and religious and spiritual life caucuses.

Matters related to discrimination based upon race, ethnicity, gender, class, sexual orientation, disability, religion and acts of intolerance are of concern to 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 Hullahen 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 and men 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 Travel Award Program, which provides funding for students and faculty 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, vocabulary, 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, test 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, GRE, and GMAT. The ELI also offers business English courses, a semi-intensive evening program, a Prelaw, and a PREMBA program. Private tutoring in language skills also is available. Discounts are available for spouses of graduate students and visiting scholars; fee waivers are accepted for full time employees and their qualified family members. 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

The Office of Foreign Students and Scholars 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, and cultural adaptation. Information on travel abroad and travel advisories are available. The Office of Foreign Students and Scholars is located at 30 Lovett Ave. For more information, call (302) 831-2115.

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 The Green, provides out-patient 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 some laboratory testing, surgical treatment for minor lacerations, EKG testing, some non-operative orthopedic services, University of Delaware Emergency Care Unit (UDECU) hospital transport services and evaluation 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 does not cover X-ray costs, prescription drugs, orthopedic appliances, private ambulance services, some special injections, P.P.D. tests, off-campus laboratory testing sent to private labs, and any off-campus transport for medical care specialists. 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 paying a fee-for-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, 2007 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 CENTER TO HELP YOU FULFILL YOUR POTENTIAL

Services at the Center for Counseling and Student Development include individual counseling, group counseling, career development programs, a career library, 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, visit or call one of the campus centers: 261 Perkins Student Center (302) 831-2141 or 209 Laurel Hall (302) 831-8992. More information can be found at www.udel.edu/counseling.

PROMOTING STUDENT WELLNESS

Balancing academics, employment, finances, relationships, friendships, family, and social activities while in college can be difficult. It can also take a toll on one's physical and emotional health. The Wellspring Student Wellness Program promotes students' behavioral and emotional wellness and helps students evaluate options for maintaining healthy lifestyles, through prevention, intervention, support and education. Core topics addressed by the program are those most salient to the well-being of traditional college-aged persons, such as nutrition, fitness, stress management, relaxation, body image, disordered eating, recreational drug and alcohol use, tobacco cessation, gambling, issues regarding sexuality, sexual assault, dating violence, but others are also covered.

Specific services provided for University of Delaware students are as follows:

- Individual appointments with a Behavioral Health Specialist for any of the topics listed above;
- Substance abuse screening, assessment, brief interventions and/or counseling with a Substance Abuse Counselor;
- Sexual assault and/or dating violence 24 hours, 7 days per week crisis intervention, support, and information;
- Wellspring, Sexual Offense Support Services (S.O.S.), or Promoters of Wellness (Pow!) educational outreach programs;

- Volunteer opportunities within S.O.S. and Pow!;
- An opportunity to serve on a council, coalition, or committee addressing on-going wellness initiatives;
- Resource materials for class papers, projects, and/or presentations in residence halls, classrooms, clubs, or the community;
- Wellness classes and undergraduate internships for academic credit;
- Help for friends and significant others;
- College student peer support.

Wellspring also provides services for parents, UD faculty and staff, and others in the community:

- Consultation about both on-campus and local community health-related resources and how to navigate the systems;
- Information about student's development in relation to wellness or health concerns and the college environment;
- Support regarding a student's on-going or new wellness concerns which may be exacerbated by the college experience;
- Guest speakers for events, clubs or classes;
- Support, information, and referrals to assist in helping students with their personal issues and academic performance.

For more detailed information, please go to www.udel.edu/Wellspring.

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 program. 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 college counseling 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) 831-4571, 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 and temporary medical conditions. The Office assists students to be independent through reasonable accommodations that are determined on a case-by-case basis. It is the student's responsibility to self-identify as early as possible and to meet with the Coordinator to discuss individual needs on a timely basis. Please contact the ADA Coordinator by phone (302) 831-4643, by TDD

(302) 831-4563, by FAX (302) 831-3261, by e-mail, kmancini@udel.edu, or visit the web site at www.udel.edu/ADA. The office is located at 413 Academy St., Room 165, in the Office of Human Resources, Newark, DE 19716.

THE ACADEMIC ENRICHMENT CENTER - STUDENTS WITH LEARNING DISABILITIES AND/OR ADHD

The Academic Enrichment Center (AEC) is committed to providing equal access for students with documented learning disabilities and/or ADHD. The University's Documentation 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 AEC may be accommodated at either location depending upon their needs. Please contact the Academic Enrichment Center by phone (302) 831-2805/1639, or visit the web site at www.aec.udel.edu. The AEC is located at 148-150 South College Ave., 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 Bank of 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.

Experiential programs provide an excellent means for exploring career alternatives and building one's resume. These include the (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. Part-time and summer jobs in the region are listed online at www.udel.edu/CSC/. Internships are managed by eRecruiting. Registration with Career Services is necessary for participation.

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 Career Center web site provides an updated listing of all programs. Students also may discuss career-related concerns in individual interviews with professional staff members.

The Career Resource Center, a comprehensive library of career-related information, contains materials for students to use on site and online. 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 and cd's 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, 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 500 employers participate in the twelve job fairs offered each year. The Credential Service provides a centralized repository for reference materials for students and alumni.

The Bank of America Career Service Center is located at 401 Academy Street. For further information on the Experiential Program or Credential Service, call (302) 831-1231. For general information, call (302) 831-2392, 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 Graduate Record Examination, Medical College Admission Test, National Boards, TOEFL, and PRAXIS testing at the Computer Based Testing Center located in Alison Hall Room 223. Testing appointments are available during the day on weekdays and Saturdays, and two evenings a week. To make an appointment call the Testing Center's office at (302) 831-6717 Monday through Friday, or go to the Educational Testing Service website, <http://www.ets.org>.



STUDENT LIFE AND ACTIVITIES

- **Student Government Represents You**
- **More than a Roof Over Your Head in the Residence Halls**
- **Our Centers of Student Life**
- **Religious and Spiritual Life**
- **A Vibrant Cultural and Intellectual Community**
- **Showcasing 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**

STUDENT GOVERNMENT REPRESENTS YOU

THE STUDENT GOVERNMENT ASSOCIATION (SGA) 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. SGA interprets University policy to the student body and represents the approximately 250 Registered Student Organizations to the university administration.

SGA 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, SGA appoints student representatives to University faculty, student and Board of Trustees committees. For further information, call (302) 831-2648, or visit the SGA website at

<http://copland.udel.edu/stu-org/SGA/>.

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:

- To foster a sense of connection among graduate students in all departments.
- To represent an informed consensus of graduate student opinions and to advocate for those positions.
- 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.

MORE THAN A ROOF OVER YOUR HEAD IN THE RESIDENCE HALLS

PHILOSOPHY

The residence life program is a vital part of the educational mission of the University. The environment is designed to assist students in meeting the developmental and academic 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. The end goal of the residential experience is the development of good citizens. Professional staff members oversee each residential complex and view the halls as mini-societies, perfect for exploring issues of community, contribution, and responsibility. Each hall also has a graduate student hall director who is assisted by upper-class resident assistants. Students are expected to contribute to the development of a positive residence hall community by both respecting the rights of others and asserting their own rights.

NON-SMOKING POLICY

To further ensure the health and safety of the University community, all University-owned student housing on the Newark campus is smoke-free.

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.
- Several newer buildings on Laird Campus have suite-style housing with two double or two single rooms sharing an adjoining bath.
- 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, Women's Interest Community, Service Learning Opportunities, Global Community, and the Kosher option (Christiana Towers only).

Cable TV, computer network service, and local telephone service are provided in all rooms and apartments. Students are required to provide their own telephones. Common areas for study, recreation, laundry, etc. are available in each complex. Custodial service is provided only in 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, curtains, blinds, 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. Some 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.

A dining plan for winter session and summer session is required for students living in a residence hall during these sessions. Students living in Christiana Towers Apartments, Graduate Student and Family Housing, or off campus may purchase an optional dining plan for winter session or summer session.

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

GRADUATE STUDENT AND FAMILY HOUSING

Housing Assignment Services offers some or limited on-campus rooms and apartments to assist graduate students in making the transition to the University and Newark communities.

Single graduate students may choose from one- and two-bedroom apartments in the Conover complex and single rooms in the Graduate House on West Main Street. All apartments are furnished and air conditioned.

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/has/. Please write or call Housing Assignment Services at 5 Courtney Street, Newark, DE 19716, (302)

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 (recreational game area), 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's staff and the Student Centers 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 Student Government Association (SGA); the Student Centers Program Advisory Board (SCPAB); HAVEN, the lesbian gay bisexual student group; Fraternity and Sorority Life; and HOLA. Resident Student Association (RSA), 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.

RELIGIOUS AND SPIRITUAL LIFE

Recognition is given to the importance of religious and spiritual life as a valued ethical and moral influence in the development of the individual. Students are encouraged to contact the religious registered student organization of their choice and attend religious services of their preference. Most religious traditions are represented in the Newark area or in nearby Wilmington. Religious registered student organizations include: Baha'i Club, Baptist Campus Ministry, Blue Hens for Christ (Church of Christ), Campus Crusade for Christ, Catholic Campus Ministry, Chabad House, Church & Campus Connection, Coptic Orthodox Youth Association, Delaware Zen Group, Episcopal Campus Ministry, Hillel Student Center, Inter-Varsity Christian Fellowship, Keshet, Koach, Latter Day Saints, Lutheran Campus Ministry, Muslim Student Association, Orthodox Christian Fellowship, Presbyterian Campus Ministry, Unitarian Students, Warriors for Christ, Wesley Foundation (United Methodist Campus Ministry,) Word of Life, Young Life. Religious registered student organization information can be found online at <http://www.udel.edu/RSO/religious.html> or by contacting the Religious and Spiritual Life Liaison at <http://www.udel.edu/PR/spirituallife/>.

A VIBRANT CULTURAL AND INTELLECTUAL COMMUNITY

The Departments of Art, Music, and Theatre, along with the Trabant University Center, the Perkins Student Center, the Center for International Studies, 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 distinguished visiting scholars from underrepresented groups. The Winterthur Program in Early American Culture brings distinguished visiting scholars to the University to spend 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 CULTURE

CENTER FOR BLACK CULTURE

The Center for Black Culture was established in 1976 to provide support to black students at the University of Delaware. The Mission of the Center for Black Culture is to serve as an informational resource center regarding the African American experience. The Center strives to create an appreciation and understanding of the various cultures within the African Diaspora through activities and events that enhance academic excellence, promote quality leadership, and strengthen cultural competence for the campus and surrounding community.

Since its establishment, the Center has earned its nickname as "A Home Away from Home." It has been a driving force in providing support to individuals, and groups of students and has been instrumental in assisting with their acclamation to university culture. The Center aids and supports black students in understanding and assessing the various resources available to them on campus. Another vital role is that the Center serves as a cultural liaison to the University community.

One of the primary goals of the Center is to educate the broader campus community on issues impacting the black community by offering programs such as the Annual Black Arts Festival, Kwanzaa, Annual Black History Month Extravaganza, Alternative Spring Break Trip, and many notable speakers.

The Center provides leadership and resource support to various student organizations and university departments. The Center houses the Black Student Union, the Cultural Programming Advisory Board, the Each One Reach One Mentoring Program, and other black student organizations.

The Center is located on 192 South College Avenue. For more information, please call (302) 831-2991 or e-mail us at cbc@udel.edu or visit our website at www.udel.edu/CBC.

LATINO AND LATIN AMERICAN HERITAGE OFFICE

The Latino and Latin American Heritage Office seeks to enhance the academic and social experiences of Latino students at the University of Delaware. The office sponsors a series of events that focus on historical, cultural, educational, political, and socio-economic contributions of Latinas and Latinos in the U.S. and the world at large. The aim is to raise the level of awareness of Latino

culture and history among UD students. These events include invited speakers, workshops, dance performances, films, cultural excursions, and the celebration of Latino Heritage Month which begins on September 15th every year.

Student involvement is encouraged through employment, volunteering for special projects, and event attendance and participation. The office also works closely with student organizations as well as with faculty and staff interested in promoting and enhancing diversity on campus. For more information, visit <http://www.udel.edu/LHO/>.

ASIAN HERITAGE COUNCIL

Composed of University of Delaware faculty, staff, and students, the Asian Heritage Council was created in the fall of 2002 to foster an understanding of the diverse Asian cultures represented at the University. The Council works with the Director of Multicultural Programs to develop activities and events that focus on the historical, cultural, and political aspects of Asians in America. These programs include guest speakers, receptions/social hours, workshops, films and musical performances. Call 302-831-2991 for more information.

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; many are free, although an admission fee is charged for some concerts. Information about performance schedules can be obtained by calling (302) 831-2577, or on the web at <http://ravel.music.udel.edu/calendar>.

Private study (vocal and instrumental) with a Music Department faculty member is available to full-time undergraduate University students on a space available basis. Non-music majors who pass an audition at the start of the semester 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 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, 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) 831-1527.

EXPAND YOUR HORIZONS AT UNIVERSITY MUSEUMS

Three museums on the Newark campus provide an opportunity for study of the collections, as well as a place for a casual visit with friends and family. The museums also provide experiential learning opportunities for students interested in careers in the museum field.

MECHANICAL HALL: This newly renovated 1898 building houses the Paul R. Jones Collection of African American Art and related materials. The museum comprises state of the art exhibition space and study facilities.

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. This collection and its study center in 201 Old College is widely used by faculty and students.

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, call (302) 831-8037; Fax: (302) 831-8057; website: www.udel.edu/museums.

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, which are professionally advised and operated by University students.

For more information:

- The Review: www.udreview.com or call (302) 831-2771
- WVUD: www.wvud.org or call (302) 831-2701

JOIN AN ORGANIZATION, OR START YOUR OWN

Over 250 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. Call 831-2428 for information or see www.udel.edu/student-centers.

FRATERNITY & SORORITY LIFE

Fraternity & Sorority Life at the University offers students an opportunity to belong to one of the more than 37 active chapters of national fraternities and sororities on campus. The Student Centers oversees Fraternity & Sorority Life and advises all chapters and colonies as well as their respective coordinating councils - the Interfraternity Council, the Panhellenic Council, the National Panhellenic Council, Special Interest Fraternities and Sororities, Latino and Multi-Ethnic Greek Council, and the Greek Council.

For information call the office at (302) 831-1296; 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 field hockey. All programs compete for overall athletic excellence in the Colonial Athletic Association (CAA).

Delaware competes for athletic championships in NCAA Division I. The football program competes in the Division I Championship Sub-division. Delaware also competes for regional championships as a member of the ECAC and IC4A. In recent years, numerous University student-athletes have been named CoSida Academic All-Americans and nine have been awarded the prestigious NCAA Post-Graduate Scholarship.

The University's athletics facilities are among the finest in the East with the 22,000-seat lighted Tubby Raymond Field at Delaware Stadium (football); the Bob Carpenter Center, which is a 5,000-seat multi-purpose building that houses the Blue Hen basketball (men's and women's - Acierno Arena) 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 (men's and women's indoor track & field) 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 (men's and women's outdoor track & field) 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). Cross country (men's and women's) competes at White Clay Creek State Park, men's golf competes on local golf courses and women's rowing takes place on the Christina River in Wilmington, DE.

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 Thursday from 6:45 a.m. to 11:00 p.m. (closes at 9:00 p.m. on Fridays), on Saturday from 10:00 a.m. to 8:00 p.m. and Sunday from 12:00 noon to 10:00 p.m., except when special events are scheduled. **Between 8:00 a.m. and 3:30 p.m., Monday through Friday, HNES classes have priority in the gyms and activity rooms.** 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. 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 (302) 831-2539, stop in 134 CSB, or visit www.udel.edu/recreation/int.

FITNESS

The Fitness Program operates five fitness centers 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 cardiovascular equipment and some weight training equipment; and the **Employee**

Fitness Center located in Carpenter Sports Building. The **Fitness Program** offers classes in aerobics, step aerobics, weight training, yoga, kickboxing, abs, pilates, 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 and the Indoor Climbing Wall with supervised instruction and practice to develop and improve one's skills. 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 exist 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 31 club sport programs. If you are interested in club sports, visit our web site at www.udel.edu/clubsports, or call (302) 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: 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 available, upon request, from the Department of Public Safety, University of Delaware, Newark, DE 19716, phone (302) 831-2224 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, garages, 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

Students are required to carry the UD#1 CARD (identification card). Examples of privileges that MAY be accessed with the UD#1 CARD are: UD1 *FLEX* account, UD#1 account with ATM services through Wilmington Savings Fund Society (WSFS) Bank, sporting events, the library, and dining facilities. Access to privileges is determined by registration status and account balances.

New and replacement cards can be obtained at the UD#1 CARD office located in the Student Services Building, Lovett Avenue, Newark, phone (302) 831-2759. For students' protection it is necessary to present a picture ID for positive identification before replacing/obtaining a UD#1 CARD. A \$15 charge is applied for replacement cards. Lost or stolen cards should be reported immediately, 24 hours a day, by dialing (302) 831-2273. For more information, visit www.udel.edu/registrar/ud1card.html.

