

VISION -values

ur vision is to be nationally recognized for providing exceptional educational experiences that engage students in all levels of research and creative activities to prepare them for lifelong success.

Our values shape our vision of the college's future. We value:

+ A liberal education.

Along with in-depth study in specific areas of interest, exposure to wide-ranging educational experiences across many academic fields inspires student achievement and establishes the groundwork for lifelong success.

+ Excellence in teaching and research. Outstanding learning opportunities, research excellence and

a pervasive commitment to student success are our hallmarks. Teaching and scholarship are fully integrated, as we engage students at all levels in our research and creative activities.

+ **Diversity.** Diversity of backgrounds, interests, intellectual approaches, global perspectives and identities is essential to our culture of deep and engaged learning.

+ Social responsibility.

Public engagement with local, national and global audiences strengthens our impact and influence.



CREATING knowledge

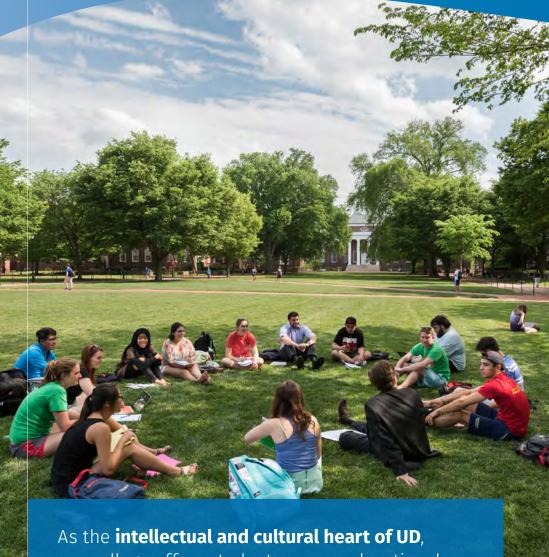
SHARPENING, 5kills

any academic institutions describe the valuable skills students gain through a liberal education—the ability to synthesize, contextualize, analyze, interpret and communicate. We help our students develop these critical skills, but we do so with a *Delaware Difference*. We are an international leader in the construction and delivery of problem-based learning (PBL), an educational approach that

challenges students to understand and connect facts from multiple subjects to address complex, real-world questions. Combined with modern facilities, like the Patrick T. Harker Interdisciplinary Science and Engineering Laboratory, we're going beyond skill development, giving our students an unparalleled learning experience and preparing them to help find solutions to some of the world's greatest problems.



Arts + Sciences



As the intellectual and cultural heart of UD, our college offers students a core educational experience through a range of liberal arts and sciences courses, with an expert focus on curriculum delivery through a hands-on learning approach.

HIGHLIGHTS IN

HISTORY

1915 Edward Laurence Smith becomes first dean of Arts & Science courses in Delaware College

1944 Department of Music chair Anthony J. Loudis and Department of English instructor Robert C. Currie Jr. create a new Alma Mater at the request of the now reorganized coeducational University of Delaware

1945 Administrative reorganization results in the School of Arts & Science

1965 All schools of UD become colleges, resulting in the College of Arts & Science

1967 UD and Delaware Technical and Community College establish a two-year program, known as the Parallel Program, on Delaware Tech's campus in Georgetown

1971 Undergraduate major in art conservation—today a top

program worldwide—begins as a joint degree in art history and chemistry

1991 University designated a Space Grant College

2003 One letter, big change: Name change to College of Arts & Sciences to better reflect the growing number of academic disciplines and research activity

2004 Associate in Arts Program replaces the former Parallel Program, providing expanded opportunities for Delawareans across the state

2010 Center for Political Communication launches as nonpartisan program to study and teach about effect of information technology on campaigns for public office and policy debates

2015 Construction begins for a new facility to house research-quality instruments, including the state's first functional MRI



THE ELEMENTS OF Success

ARTS HUMANITIES SOCIAL SCIENCES NATURAL SCIENCES Bi Dr Eu **Ap**Anthropology Ac Ma Applied Demography & Survey Research European Studies Biological Sciences Physics & Astronomy Art & Master of Arts Political Disaster Design Conservation in Liberal Studies Science & Research International Relations Mu Ah Ch Bm Cc Cp Mu Islamic Studies Art History Museum Chemistry & Psychological Black Community Biochemistry American Public Policy & Research Communication Studies Th Co So Dh En LC Ls Theatre English African Studies Winterthur inguistics & Translational Communication Sociology & Criminal Justice Drug & Health Studies Legal Studies Program in American Cognitive Science Cancer Research Material Culture Ep Mi Hi Mt ML Fa Wg D As Mc Military Science-History Asian Studies Latin **Mathematical** Mathematical Fashion & Dance American & Iberian Culture Studies Sciences Sciences Apparel Studies Gender Studies Learning

INTERDISCIPLINARY PROGRAMS & CENTERS ——



UNDERGRADUATE & TEACHER PREP PROGRAMS —





Humanities



UD's humanities programs specialize in material culture studies—the interpretation, collection, curation and preservation of the physical objects and archives that help us **tell the story of who we are** as people and nations. UD is a global leader in art conservation and prepares students to work in arts institutions around the world.

Social Sciences



Social scientists at UD use data and scientific

methods to examine social justice, public service,

Arts

Natural Sciences



Our arts programs bridge boundaries, illuminate the human condition and remind us that **we are all connected** through our humanity

we are creating more integrated, combined courses and experiential programs, and engaging faculty and students in STEM fields.

COLLEGE OF ARTS AND SCIENCES AT A

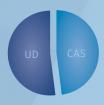
GLANCE

82 Majors



10 of the 25 most popular majors:

Biological Sciences, Psychology, Criminal Justice, English, Political Science, Communication Interest, Fashion Merchandising, Communication, History, International Relations



12 of the 25 most popular double majors:

Psychology & Criminal Justice, Sociology & Criminal Justice, Political Science & History, Psychology & Cognitive Science, Neuroscience & Biological Sciences, Political Science & Criminal Justice, Political Science & Public Policy, Sociology & Psychology, Psychology & English, Political Science & Economics, Psychology & Communication, Psychology & Neuroscience

69 Minors



14 of the 25 most popular minors:

Spanish, Psychology, Biological Sciences, Journalism, Mathematics, History, Chemistry, Legal Studies, Interactive Media, Theatre Performance, Political Science, Theatre Studies, Sociology, Dance 7,000 undergraduate students

1,100 graduate students

70,000+ alumni

500+
international
students

300+ undergraduate students

195+ graduate students

23 academic departments 27
interdisciplinary
programs + centers

626 UD students who participate in study abroad programs hosted by Arts and Sciences faculty

22 Countries serve as study abroad destinations



PREPARE TO Shine

ur Undergraduate
Academic Services
(UAS) office is the home
base for students in the arts and
sciences to find academic support.
Advisors and staff members are
on hand each day to be a guiding
light on everything from course
evaluation and career development
activities to ensuring your success
and timely degree completion.

Mitchell Hall, home to UAS

Here's a quick look at some of the walk-in services UAS provides:

- + Answers to general questions (policy clarification, breadth information and more)
- + Changes of registration after drop/add
- + Discussion of transfer credit/ Non-UD study abroad
- + Excused absence
- + Leave of absence
- + Senior checkout and degree clearance

You can also schedule appointments with UAS for guidance on changing your major, long-term academic planning and extenuating circumstances.

In addition, UAS provides academic programming through the NUCLEUS Program.
NUCLEUS is open to all College of Arts and Sciences students and provides an environment that encourages academic achievement, leadership and service. The program services are proactive, comprehensive and oriented



toward furthering the long-term academic professional growth of students. NUCLEUS encourages and promotes academic achievement and professional development by providing students with:

- + Supplemental academic advisement
- Weekly emails and social media postings about opportunities on campus and important academic deadlines
- + Direct connections to enriching campus resources such as career services

- Opportunities to conduct undergraduate research and attend regional and national conferences
- + Dedicated study space
- + Work-study positions

Contact UAS:

- + Online: www.cas.udel.edu/uas
- + In person: 109 Mitchell Hall (office hours: 8am to 5pm, Monday through Friday)
- + By phone: (302) 831-3020

PLAN FOR A

tudents in the College of
Arts and Sciences have
unparalleled access to

internationally
renowned faculty
and stellar
resources. Our
students work
alongside faculty on
the most pressing
research questions
of our day, making
breakthrough

discoveries in our state-of-theart laboratories, writing with educators who have published bestselling books, performing in arts venues at home and abroad and conducting surveys and analyses on a variety of social issues.

Armed with the knowledge and skills to make a difference in the world, our students go on to successful, well-paid careers, working for employers like DuPont, Teach for America and the Delaware House of Representatives, to name just a few. We also have a number of

distinguished alumni, including U.S. Vice President Joseph Biden, Broadway director/choreographer

> Susan Stroman, and other leading artists, scientists, scholars and professionals.

How do our graduates have such bright futures? In addition to

our commitment to active and engaged learning opportunities, we work closely with the University's Career Services Center (CSC) to plan programming and activities that expose students to a vast array of industries, employers and an extensive alumni network. One shining example is the college's Career Networking Night at CSC, which features panels on communications, the arts, science, government and nonprofit work with employers—including many alumni—who come to campus to interact with students and offer advice, guidance and mentorship.

bright future

Broadway o

successful,

well-paid

careers.





Arts

rom music, theatre and dance to fine arts and visual communications, we provide students with the training and practical experience to prepare for a career in the arts but not in the ways you might think. In addition to traditional curricula, our faculty continue to develop signature programs by seeking outsidethe-box connections that enable students to engage with their peers, with other faculty and with research in areas beyond the arts. Whether through our new Entrepreneurship and Design program with business or a joint Mechanical Engineering course on Design Thinking, we're putting the "A" in "steAm." We also remain committed to public engagement—and continue to be the source for cultural experiences for over 30,000 visitors a year.





ARTS

A new international visto promote campus-wide cultural understanding ship with UD's Institute for Global Studies, the first AiR initiative brought South African artist Garth Erasmus to campus for presentations to engage with faculty and students. Erasmus also supported a new partnership with Nemours/Alfred I. duPont Hospital for Children as velops meaningful ways the arts can contribute to well-being.

Academic Departments & Programs

- + Art and Design
- + Music
- + Theatre
- + Dance

Cultural & Community Programs

- + Resident Ensemble Players
- + Master Players Concert Series
- + Community Music School

Majors

Bachelor of Arts

- + Art
- + Music (also a concentration in Music Management Studies

Bachelor of Fine Arts

- + Fine Arts
- + Visual Communications

Bachelor of Music

- + Applied Music (Instrumental, Piano, Voice)
- + Composition
- + Music Education (Instrumental, Piano, Voice)
- + Music History & Literature
- + Music Theory

Minors

- + Art
- + Dance
- + Music Composition
- + Music (Applied, Church, Jazz Studies, Music Management, Musical Studies)
- + Theatre (Performance, Production, Studies)

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SIGNATURE Shipe

UD Chorale competes in invitation-only tours that take students throughout Europe

In 2015, the UD Percussion Ensemble made its international debut in Israel, performing in residence with the Jerusalem Symphony Orchestra, while the UD Wind Ensemble made its debut in Taiwan at the annual Taiwan Band Clinic

ArtsBridge Scholars integrate the arts into K-12 general classroom curricula as they engage in hands-on creative research activities, like a recent "Poetry in Harmony" project in which an undergraduate explored how music can enhance both literacy and poetry curricula in an elementary school classroom



"It's important to show students what we as artists can do to promote social change, or environmental change, or bring about awareness to some cause that needs attention. Art isn't just about hanging something on the wall; it's about making a difference in your community."

> —Jon Cox, Assistant Professor of Art whose widely acclaimed "cultural mapping project" with the indigenous Ese'eja community of Peru earned him National Geographic Explorer status



Humanities

ur faculty are internationally known scholars and experts who work on public impact projects that they place at the center of classroom education. They, along with our students, work to keep and create our material culture heritage through acts of interpretation, collection, preservation, curation and archiving. UD's strong partnerships with leading local cultural institutions, such as the Winterthur and Hagley museums, are a hallmark of our commitment to public outreach and global engagement.





HUMANITIES IN ACTION

The U.S. Constitution. Gandhi's cotton shawl, the original R2D2 from Star Wars, Elvis Presley's 81 gold records and Picasso's "Demoiselles d'Avignon" have a common link—all were preserved and restored by Winterthur **UD Program in Art Conservation (WUDPAC)** graduates, which for 40 years has enabled students and alumni to salvage some of the most important markers of global cultural and artistic heritage. WUDPAC, a three-year program whose students earn a master's degree, is one of only five graduate programs in art conservation in North America and one of only two jointly sponsored between a university and a museum.



Academic Departments

- + Art Conservation
- + Art History
- + English
- + Languages, Literatures and Cultures
- + History
- + Philosophy

Programs & Centers

- + Center for Global & Area Studies
- + Center for Material Culture Studies
- + English Language Institute
- + Interdisciplinary Humanities Research Center
- + Master of Arts in Liberal Studies
- + Museum Studies
- + Winterthur Program in American Material Culture
- + Writing Center

SIGNATURE Shipe

- In the Department of English, a new Advising and Career Center gives students direct access to course guidance, internships and an alumni network to set the stage for academic and professional success
- + A new Multimedia Writing Center location in the Morris Library offers workshops for students on a variety of specific challenges that face college writers, from thesis styles and citations to proofreading and in-class essay exams
- + The Iraqi Institute for the Conservation of Antiquities and Heritage, supported by Art Conservation and other sponsors, gives Iraqi museum professionals the opportunity to learn new ways to preserve the rich history, archaeology and cultural heritage of Iraq



Undergraduate Majors

Bachelor or Arts

- + Art Conservation
- + Art History
- + Asian Studies
- + Comparative Literature
- + English
- » English Education
- + European Studies
- + Foreign Languages and Literatures

- » French Education
- » German Education
- » Latin Education
- » Spanish Education
- + History
- » History Education
- » History Classics, French, German, Russian or Spanish
- + Latin American and Iberian Studies
- + Philosophy

Undergraduate Minors

- + African Studies
- + Art History
- + Asian Studies
- + Comparative Literature
- + English
- + Environmental Humanities
- + European Studies
- + Global Studies
- + History
- + Interactive Media
- + Irish Studies
- + Islamic Studies
- + Jewish Studies
- + Journalism

- + Languages, Literatures and Cultures
- + Latin American & Iberian Studies
- + Legal Studies
- + Material Cultural Studies
- + Medical Humanities
- + Medieval Studies
- + Philosophy
- + Religious Studies
- + Writing

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"Our Winter Session study abroad program in Cuba changed many students' views of their place in the world, and of what we have living in the United States compared to people in other parts of the world. It changed their views about the role of money in a happy life – the vast majority of Cubans are incredibly poor, but in fact have very rich cultural lives."

—Persephone Braham, Associate Professor of Spanish

"When I took a journalism class focused on environmental issues, I knew it was going to be a treat—a chance to do really interesting things in the classroom and outside of it. Through volunteering at a nearby farm, I feel like what we do engages us in the land and in the process of learning about the issues we've been studying, like where our food really comes from."

—**Kelsey Burke**, Energy & Environmental Policy major, Environmental Humanities minor



Natural Sciences

by providing the foundation for all STEM disciplines, but what sets the natural sciences at UD apart is our expertise in the construction and delivery of hands-on activities. Our faculty and students investigate living systems, the natural world, the human mind and the abstract underlying world of mathematics through teaching, learning and research that explores real-world problems.





NATURAL SCIENCES

If we ever want to build a space station on the moon, send astronauts to Mars, continuously protect satellites and electrical systems on Earth and even factor in the effects of space weather on our changing climate, we need to know more about the heliosphere. UD physicist William Matthaeus is leading the way with a \$1.2 million grant from NASA to explore how energy from the sun is transported across the heliosphere.

Pictured above: UD physicists William Matthaeus (left) and Michael Shay.

Academic Departments

- + Biological Sciences
- + Chemistry & Biochemistry
- + Linguistics & Cognitive Science
- + Mathematical Sciences
- + Physics & Astronomy
- + Psychological & Brain Sciences

Programs & Centers

- + Center for Translational Cancer Research
- + Center for Training, Evaluation & Community Collaboration
- + Interdisciplinary Science Learning Laboratories

- + Mathematical Sciences Learning Laboratory
- + Medical & Dental Scholars



An undergraduate student puts her chemistry education to work at Impact Colors through a strong faculty-alumni network.

SIGNATURE Shihe

- Integrated courses, like biology and chemistry, give students lab work that has real-world significance. For example, over the last few years students have take water samples from the UD Farm (see photo on reverse) and then run lab work in the Patrick T. Harker Interdisciplinary Science and Engineering Laboratory (ISE Lab) to study the impact of water quality based on chemical and biological tests.
- Bakhityar Ruzybayev, Physics & Astronomy, is part of an Antarctic research team revealing new insights into the origins of cosmic rays that are potentially damaging to electronics on Earth as well as human DNA.
- Our undergraduates engage and succeed in activities beyond the classroom, like a recent group of students who applied their knowledge of modeling, fluids, statistical mechanics and calculus to take home honors in the international Mathematical Competition in Modeling.
- A new multimodal imaging center and specialized, research-quality fMRI (functional MRI) will allow faculty to examine the internal structure of material and living things and have a significant impact on undergraduate research and education.

Maiors

- + Biological Sciences, B.A.
- + Biological Sciences Education, B.A.
- + Biological Sciences Pharmaceutical Sciences
- + Biological Sciences Cell and Molecular Biology and Genetics, B.S.
- + Chemistry, B.A. or B.S.
- + Chemistry Education, B.A.
- + Chemistry Environmental Chemistry, B.S.
- + Biochemistry, B.S.
- + Cognitive Science, B.S.
- + Linguistics, B.A.
- + Linguistics and French, B.A.
- + Mathematical Sciences
 - » Actuarial Sciences, B.S.
 - » Applied Mathematics, B.S.
 - » Mathematics, B.A.
 - » Mathematical Sciences, B.S.
- » Mathematics and Economics, B.S.
- » Mathematics Education, B.A. or B.S.
- » Quantitative Biology, B.S.
- + Physics, B.A. or B.S.
- + Physics (Astronomy/Astrophysics), B.S.
- + Physics Education, B.S.

- + Psychology, B.A. or B.S.
 - » Neuroscience, B.S.
 - » Psychology Education, B.A.



A baby sits on the

lap of her mother

of faces being

shown to her by

an undergraduate

research assistant

and looks at images

Minors

- » Astronomy
- » Biochemistry
- » Biology
- » Chemistry
- » Cognitive Science
- » Computational Biology
- » Linguistics
- » Mathematics
- » Neuroscience
- » Physics
- » Psychology

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"Professors like Susan Groh and Burnaby Munson at UD have guided me, and others like me, even further along our path to help others. This is the heart of chemistry; it is progress in its purest form. Chemistry is everything in nature and in society; it provides the explanation of everything we see, and the way to unlock endless possibilities."

—**Benjamin Lefler**, Chemistry major and Honors Program student

"I am passionate about teaching and research. I want to let my passion for research fuel my teaching. In re-teaching information, I am also strengthening my research program. And that's how it should be. It shouldn't be disconnected. Science should not be done in silos and the same is true for research and teaching."

—**Catherine Leimkuhler Grimes**, Assistant Professor, Chemistry & Biochemistry and Cottrell Scholar Awardee



Social Sciences

ur methods follow disciplinary traditions, but our focus on the social world sets UD apart. As we streamline the curriculum and balance the incorporation of STEM practices, we've identified our strategic areas of focus on social justice, public service, cultural understanding, well-being and empirical analysis. A focus on these values will ultimately strengthen the analytic and applied skills of our students.





SOCIAL SCIENCES

Our faculty recognize political communication combines a range of academic areas and involves new technologies that have increasing effects on elections and policy debates. There are many places students can learn about politics and policy, but our nonpartisan Center for Political Communication provides a unique outlet for faculty and students to research and engage with the revolution in political communication. And we're nationally recognized for our efforts: UD was dubbed the "epicenter of politics" by Bloomberg News and "maker of political kings" by New York Times columnist and author Frank Bruni.



Academic Departments

- + Anthropology
- + Black American Studies
- + Communication
- + Fashion & Apparel Studies
- + Political Science & International Relations
- + Sociology & Criminal Justice
- + School of Public Policy & Administration
- + Women & Gender Studies

Programs & Centers

- + Center for Applied Demography & Survey Research
- + Center for Archaeological Research

- + Center for Community Research & Service
- + Center for Drug & Health Studies
- + Center for Energy & Environmental Policy
- + Center for Historic Architecture & Design
- + Center for Political Communication
- + Disaster Research Center
- Institute for Public Administration
- + Legal Studies
- + Military Science Army ROTC

Majors

- + Anthropology
- + Anthropology Education
- + Apparel Design, B.S.
- + Black American Studies (including options for concentrations in Black Art, Literature and Culture Studies; Law, Public Policy and Social Justice; Black Gender Studies
- + Communication Interest/Communication
- + Criminal Justice
- + Criminal Justice (Law and Society)
- + Energy and Environmental Policy, B.S.
- + Fashion Merchandising, B.S.
- + International Relations

- + Organizational and Community Leadership, B.S.
- + Political Science (including option for concentrations in American Politics; Global Politics; Law, Politics & Theory; Politics, Groups & Identities; French, German, or Spanish/Political Science
- + Political Science Education
- + Public Policy, B.S.
- + Sociology (including options for concentrations in Emergency & Environmental Management; Health and Health Services; Law and Society; Social Welfare; Sociology Education)
- + Women's Studies (including options for concentrations in Domestic Violence Prevention and Services; Women in Global Perspective)

Minors

- + Anthropology
- + Black American Studies
- + Energy & Environmental Policy
- + Fashion History and Culture
- + Organizational and Community Leadership
- + Political Communication
- + Political Science
- + Public Policy

- + Religious Studies
- + Sexualities and Gender Studies
- + Sociology
- + Women's Studies

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SIGNATURE Shine

- + Global partnerships—like UD's Department of Fashion and Apparel Studies collaboration with Donghua University in Shanghai—open doors for students to gain international perspectives and experiences.
- + Erin Dugan, a public policy major in the Honors Program, with minors in economics and public health, was named a 2015 Truman Scholar for her commitment to public service. UD is a Truman Honor Institution, a distinction that recognizes, among other efforts, active encouragement of outstanding young people to pursue careers in public services.
- + Students have access to outstanding faculty, like Margaret D. Stetz, Mae and Robert Carter Professor of Women's Studies and professor of humanities, named one of the "Top 25 Women in Higher Education" by *Diverse: Issues in Higher Education* and Yasser Payne, associate professor of Black American Studies, who received the 2015 William A. Vrooman Exemplar of Justice Award from the Delaware Center for Justice.

"We put ourselves out there beyond just theoretical academic research. We work to apply our research to the real world and then also to take what we learned in the real world and bring it back to the academic setting."

—Marsha Dickson, Irma Ayers Professor of Human Services

"I found myself being really fascinated by what I learned in class. It made me realize that in today's consistently globalizing world, the study of anthropology and the preservation of world cultures is very relevant and necessary for our history."

—Sarah Driver, Anthropology and Political Science double major

