



College of
Arts & Sciences
UNIVERSITY of PENNSYLVANIA

The College of Arts & Sciences

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education
for a lifetime >



the college >

TRACING ITS ROOTS to the founding of the University, the College is home to 6,400 undergraduates in the School of Arts and Sciences. It is the heart of the academic experience at the University of Pennsylvania, with students from across all of the undergraduate schools at Penn taking many of their courses in the College.

College students acquire the creative, analytical and communication skills — the intellectual agility — to adapt and make an impact in a rapidly changing world. They examine and reflect on the big questions impacting the human experience and emerge as global citizens and leaders, able to find success wherever education or career aspirations may lead.

Penn's tree-lined campus exists in the midst of one of the country's greatest urban centers, providing College students with tremendous opportunity. The city serves as a large, non-traditional classroom for you to explore questions of science, society, humanities and the arts. Home to world-class cultural institutions, a thriving business community, a flourishing restaurant scene, and beautiful parks and trails, it is a city of neighborhoods inviting exploration and discovery. Vibrant and diverse University City, where Penn is located, is just one of them.

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It's exciting to be a student in the College — there are just a wealth of choices every single day and at any given moment, I'm probably missing something really cool that's happening! There are so many different types of Penn experiences, both on and off-campus, to discover.

▲ **Jaslyn McIntosh**

Communication Major, Consumer Psychology Minor

the college

—
60Academic
Departments,
Centers, & Programs—
450+Student-run
organizations
& clubs—
6Cultural
Centers—
13College
Houses—
46+Performing Arts
Groups

find community >

“

As a freshman, I was in the Integrated Studies Program. We lived together, studied together, and went to class together — it was an amazing bonding experience. Here at Penn there's a community for everyone, whether you're an academic, an athlete or an artist. Penn excels at creating these communities.

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▲ **Anuj Amin**, Religious Studies, Classical Studies, and Anthropology Majors

COLLEGE STUDENTS COME FROM ALL OVER THE WORLD and represent a diversity of cultural identities, socioeconomic backgrounds, religious beliefs, sexual orientations and interests. While Penn's size may seem daunting, it allows for academic and social diversity and the ability to meet new people, be exposed to different worldviews, and discover new interests. From academic departments to College Houses to student organizations and cultural resource centers, extra and co-curricular opportunities throughout Penn contribute to your intellectual and social life. Whatever your interest, you will find your place.

resources to succeed >

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While it was a big adjustment for me coming to the States and Philadelphia from Ghana and Ethiopia, I was able to find resources that helped me acclimatize culturally and academically. From advising to learning resources, you can find what you need.

Adam Abebe, Health & Societies Major

YOU DON'T HAVE TO have everything figured out from the first day you arrive at Penn. College advisors, faculty, fellow students, and the curriculum itself help guide you in identifying passions and developing your voice in a way that is uncommon for a research university. From a strong network of advisors to robust support services, College students have the resources to succeed.

Advising begins before you even arrive on campus, and this support continues throughout your undergraduate career. Advisors help students to identify their skills and those they wish to develop, examine their performance in different

courses, articulate their professional goals, and decide what really matters to them. Students are encouraged to take charge of their exploration, knowing they are supported by faculty members, academic advisors, career counselors and peer advisors.

Academic advisors can help you explore the many academic options and opportunities and take full advantage of resources for academic support including the Tutoring and Writing Centers, the Weingarten Learning Resources Center, Penn's library system and Counseling and Psychological Services.

resources to succeed

10:1

**freshman to faculty
advisor ratio**



integrate knowledge >

“

While I knew I wanted to study anthropology and that Penn was the place to do it, the classes I took helped me hone my focus and find my major. From physical anthropology to cultural anthropology and linguistics, no doors were shut.

— Sheridan Small, Anthropology Major, Psychology Minor

A LIBERAL ARTS EDUCATION trains students for more than a particular profession; it imparts skills and knowledge that cut across multiple disciplines, regardless of major, to serve graduates for a lifetime.

The curriculum's framework provides you with a structure for customizing your education. With help from academic advisors, you will select from a variety of courses to fulfill each element of the curriculum — General Education,

the Major, and Free Electives. You may also choose to expand your academic experience beyond the classroom through options like research or study abroad.

The College's approach to a liberal arts education is not a linear one. The interplay of the curriculum's three elements empowers you to create a course of study unique to you, where theory and practice come together in unexpected ways.

integrate
knowledge



make it your own >

The flexible structure of the College Curriculum is designed to frame opportunities for you and inspire curiosity. It enables you to set goals and determine your own course of study by following your interests.

- **GENERAL EDUCATION REQUIREMENTS** develop general skills or approaches to knowledge. They engage you in the intellectual work of the arts and sciences. They enable you to broadly develop and apply your skills and knowledge within a variety of disciplines. Foundational Approaches are skills for a lifetime, useful no matter what you study or pursue professionally. Sectors of Knowledge provide a broad education across fields.

Foundational Approaches

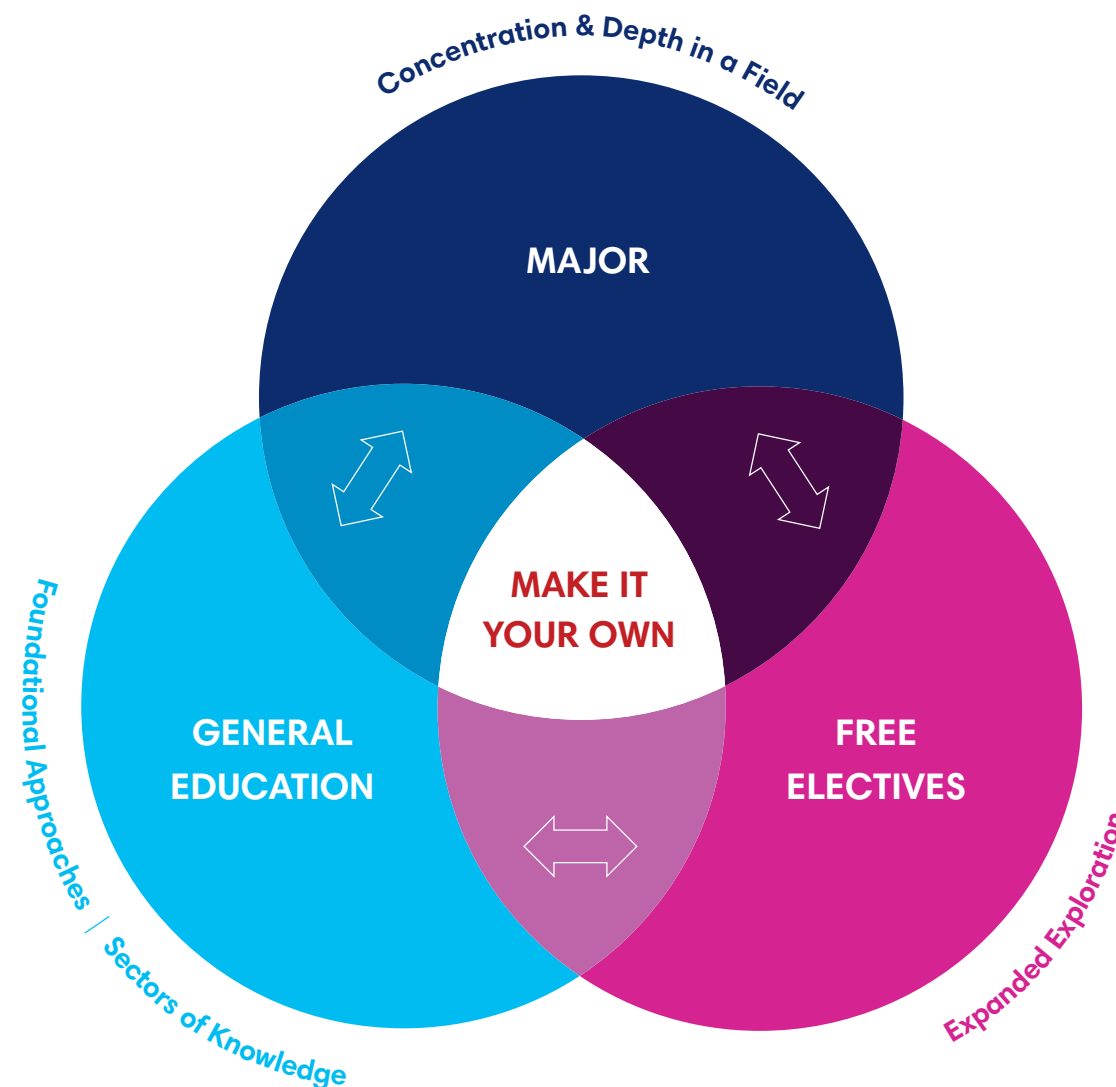
Writing
Foreign Language
Quantitative Data Analysis
Formal Reasoning & Analysis
Cross-Cultural Analysis
Cultural Diversity in the U.S.

Sectors of Knowledge

Society
History & Tradition
Arts & Letters
Humanities & Social Sciences
Living World
Physical World
Natural Sciences & Mathematics

- **THE MAJOR** ensures a thorough understanding in a field of knowledge through concentrated study. You will declare a major by the end of your sophomore year. Free electives and general education requirements will help you determine what you want your major to be.
- **FREE ELECTIVES** give students the freedom to pursue interests that may lie outside or complement the major. You may use the free electives for a minor, a second major or you can use free electives to create your own combination of courses that meet your interests and goals.

College of Arts & Sciences Curriculum



MAKE IT YOUR OWN

Penn's wide array of academic opportunities empower you to approach your studies in the true spirit of a liberal arts education, gaining depth and breadth of knowledge across a variety of fields. How you put it

together — how you make it your own — is up to you. No two paths are the same, but with the College Curriculum as your roadmap, you're well equipped to make the journey.

explore your interests

explore your interests

55

Majors

80

Minors

“

While I might have a very specific interest in ancient languages, I'm not relegated to just studying that. One semester I took an astronomy class and it ended up being one of my favorite classes. As a student and a scholar, it's your duty to be curious about everything.

^ Julia Chatterjee

Near Eastern Languages & Civilization, South Asia Studies Majors,
Linguistics Minor

COLLEGE STUDENTS CAN CHOOSE from more than 55 majors and concentrations and take courses in Penn's other undergraduate schools — Engineering, Business and Nursing — as well as many of our 12 graduate and professional schools.

You don't have to give up your love of the trumpet to study biology or bid farewell to poetry because you're pursuing anthropology. The College is where you can combine your interests and acquire new ones. The possibilities are endless.

majors & minors >

Majors

Africana Studies	International Relations
Ancient History	Italian Studies
Anthropology	Jewish Studies
Architecture	Latin American & Latino Studies
Biochemistry	Linguistics
Biological Basis of Behavior	Logic, Information & Computation
Biology	Mathematical Economics
Biophysics	Mathematics
Chemistry	Modern Middle Eastern Studies
Cinema & Media Studies	Music
Classical Studies	Near Eastern Languages & Civilizations
Cognitive Science	Philosophy
Communication	Philosophy, Politics & Economics
Comparative Literature	Physics
Criminology	Political Science
Earth Science	Psychology
East Asian Area Studies	Religious Studies
East Asian Languages & Civilizations	Romance Languages
Economics	Russian & Eastern European Studies
English	Science, Technology & Society
Environmental Studies	Sociology
Fine Arts	South Asia Studies
French & Francophone Studies	Theatre Arts
Gender, Sexuality & Women's Studies	Urban Studies
German	Visual Studies
Health & Societies	
Hispanic Studies	
History	
History of Art	
Individualized Major	

Minors

Students may minor in most College departments that offer a major, or choose from:

American Sign Language & Deaf Studies
Archaeological Science
Architectural History
Asian American Studies
Bioethics
Chinese
Computational Neuroscience
Creative Writing
Design
Digital Humanities
Dutch
East Central European Studies
Economic Policy
Engineering & Applied Science
Environmental Science
European Studies
Folklore & Folklife
Geology
Global Medieval Studies
International Development
Japanese
Jazz & Popular Music
Journalistic Writing

Korean Studies
Law & Society
Medical Sociology
Native American & Indigenous Studies
Psychoanalytic Studies
Russian
Statistics
Survey Research & Data Analytics

Interschool Minors

Actuarial Mathematics
American Public Policy
Biological Basis of Behavior & Health Services Management
Consumer Psychology
Landscape Studies
Legal Studies & History
Nutrition
Sustainability & Environmental Management
Urban Education
Urban Real Estate & Development

Coordinated, Dual & Accelerated Degree Programs

Computer & Cognitive Science: Artificial Intelligence
Huntsman Program in International Studies & Business
Roy & Diana Vagelos Program in Life Sciences & Management
Vagelos Integrated Program in Energy Research
Second Major in the School of Engineering & Applied Science
Second Major (Nutrition) in the School of Nursing
Seven-Year Bio-Dental Program

access great minds >

PENN UNDERGRADS HAVE ACCESS to all of the resources of a world-class research university in a major city yet still have the opportunity to work closely with faculty. Faculty teach College students in and out of the classroom and work side by side with students in conducting research. They are mentors, colleagues, role models and some are neighbors, living among undergraduates in the College Houses.

As scholars, Arts and Sciences faculty are among the best in the world. They are respected thinkers, researchers and award-winning innovators at the forefront of their professions and disciplines. In addition, each year many distinguished scholars come to Penn from around the world to study, teach and live.

Penn researchers set the standards in their fields, asking questions about the ancient world, the present and how we can shape the future. Their work goes well beyond traditional boundaries to create the new disciplines and approaches that will address the challenges of the 21st century.

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At Penn, I feel that if I start a project I can have a deep impact and can continue it throughout my undergraduate career. I have teachers and mentors that are on my side and help me push myself further than I ever would have thought, even uncovering new opportunities.

 **Isabella Auchus**
Psychology Major, Hispanic Studies & Chemistry Minors

95%

of classes are taught
by faculty

80%

of classes enroll
<25 students



—
900+

research labs

—
75%

of students engage
in research by
graduation

engage in research >

“

Learning how to present my research, how to speak concisely and in a relatable way about it to people of different backgrounds was really important to my development as a scientist. At the end of the day, being able to communicate — learning how to give presentations, how to teach the subject — goes a long way towards making people care about your research.

△ **Kevin Chen**, Physics, Biophysics, and Chemistry Major

The value of research lies in the work as much as the product. Research hones mastery of academic skills: how to formulate a question or hypothesis, how to gather evidence, and how to answer that question or test that hypothesis.

As one of the world's leading research universities, Penn has a broad array of faculty conducting research in all disciplines. The University's integrated campus facilitates unique collaborations across disciplines; work in Penn's Centers and Institutes represents some of the most cutting edge research taking place in the world today.

Research in the College encompasses a range of activities. Some students do research in biology, chemistry or psychology, studying genetic coding, molecular structure or human behavior. In some disciplines, such as English, philosophy and history, students read original works to look for new connections

and interpretations. In areas such as anthropology or history of art, students study artifacts, works of art or ancient images or languages, gaining insights into cultures of the past and present.

In addition to the faculty, departments, and programs, there are many centers that support research, including *The Price Lab for Digital Humanities*, which promotes innovative uses of technology in the study of history, art, and culture and the *Center for Undergraduate Research and Fellowships (CURF)*, which helps undergraduates pursue independent research through consultations and the administration of competitive research grants.

further afield >

50%

of students
study or
work abroad

60+

ABCS courses

UNDERGRADUATES ROUTINELY TEST THEIR LEARNING outside the classroom. Research internships, apprenticeships and courses with a community service component take them off-campus. From the arts and cultural institutions of Philadelphia to the nation's capital to the capitals of countries around the globe, the College broadens your interests and encourages you to apply this knowledge in the real world.

Academically Based Community Service Courses (ABCS) provide a broad range of undergraduate experiences that combine learning with active community involvement, solving critical issues in areas such as the environment, health, the arts and education.

Penn in Washington supports and encourages students who are interested in pursuing public policy internships and careers in the nation's capital. Participants in the four-credit semester program are taught by active policy professionals, meet in small groups with policy leaders, and are challenged by some of the best internships available.

Penn Abroad offers one of the most extensive study abroad networks of any Ivy League university. Students may choose to study abroad for a semester, fall or spring, or an entire academic year.

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This past summer I went abroad to work at a hospital in Spain. I got to combine my major, Biological Basis of Behavior, with my minor in Spanish. It was a perfect synthesis — I was in a hospital doing things that drew on all of the science from my BBB classes, and I was able to use every single word I learned in a medical Spanish class.

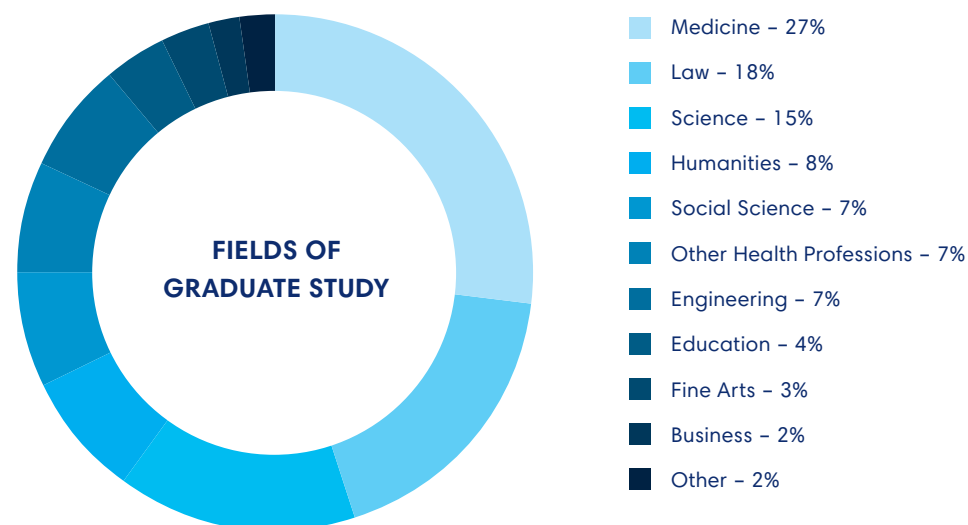
▲ **Michael Paolini**, Biological Basis of Behavior Major, Spanish Minor

further
afield

education for a lifetime >

First Destinations for the Class of 2016

(1251 completed the survey, 79% of the class). Statistics courtesy of Penn Career Services.



21%

went directly to
graduate school

75%

of alumni will go
on to earn
graduate degrees

TOP GRADUATE SCHOOLS

Penn, Harvard, Columbia,
Oxford, Stanford, NYU,
Cambridge

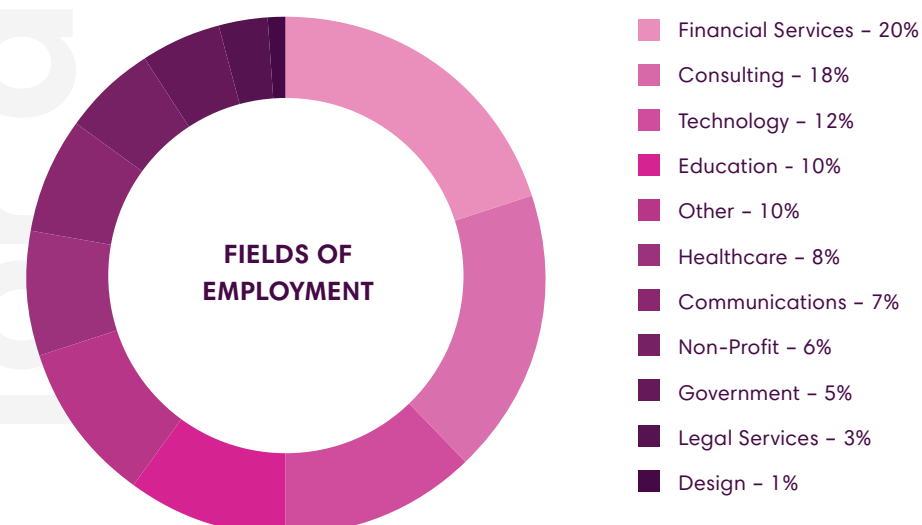
A CONSTANTLY CHANGING WORLD

requires you to draw on finely tuned and broadly acquired creative, analytical and communication skills in order to succeed. This makes an education from Penn's College of Arts and Sciences invaluable, regardless of the path you eventually follow.

Students who study areas that interest them tend to find greater happiness, accomplish more academically, and have more post-graduate options when they leave Penn. Evidence shows that there isn't a direct correlation between particular majors and careers after Penn over the

long term. Employers are looking for broadly-educated people able to adapt and evolve, not over-specialization.

During their undergraduate careers, students are able to leverage connections to those who have come before them through Penn's robust alumni network. Penn alumni return to campus throughout the year to spend time with current students to discuss academic and professional goals through the College Alumni Mentoring Series, Fox Leadership Program and the Office of Career Services.



70%

went into the
workforce

49%

received their
offers through
Career Services

TOP EMPLOYERS

University of Pennsylvania (including the health system), Boston Consulting Group, Citigroup, Deloitte, Goldman Sachs, IBM, J.P. Morgan, Google, McKinsey & Co., Teach for America