

YALE GORDON COLLEGE OF ARTS AND SCIENCES

Christine Spencer, dean

Deborah Kohl, associate dean

Janenne Corcoran, assistant dean for advising, enrollment management and student success

www.ubalt.edu/cas

INNOVATION, DISCOVERY AND ENRICHMENT

The Yale Gordon College of Arts and Sciences awards bachelor's, master's and doctoral degrees, and post-baccalaureate and master's degree certificates that encourage innovation and discovery, and enrich the intellectual lives of the college's students and faculty members. Through interdisciplinary and discipline-based programs in the arts, humanities, and social and natural sciences, the college offers visionary, integrative learning and teaching environments enhanced with rapidly evolving information and communication technologies. Our graduates learn to be reflective, skilled communicators adept at addressing contemporary problems within an ethical framework and able to adapt to a changing world. Well-prepared for the world of work, our students become broadly informed and deeply engaged in local, regional and world communities.

The college was founded in 1937 as a junior college emphasizing the liberal arts. In 1961, it became a four-year institution offering day and evening classes; 1974 marked the introduction of its first graduate program. In 1975, it became an upper-division college and graduate school. Now that the University offers four-year programs, the college continues its commitment to offering a variety of unparalleled graduate programs and outstanding undergraduate programs.

In 1982, the College of Liberal Arts was named for Yale Gordon, a University of Baltimore alumnus and businessman who understood the central importance of the humanities in higher education and in the life of a community. With his wife, Peggy, he established the Peggy and Yale Gordon Trust, which supports organizations such as the Yale Gordon College of Arts and Sciences, that are dedicated to advancing the humanities. In 2010, the college was renamed the Yale Gordon College of Arts and Sciences to reflect a strengthened, expanded foundation of General Education and arts and sciences courses to enhance student success.

Although teaching and learning are of primary focus, the college places considerable importance on research and public service for both faculty members and students. Theoretical and applied research among faculty members enhances the quality of our academic programs and ensures the competitiveness of our students and graduates in the workplace and beyond.

As a public institution, the college recognizes its responsibility to the state and to the Baltimore metropolitan area. The work of the Ampersand Institute for Words & Images, various specific projects undertaken in conjunction with enterprises like CityLit Project, and programs like Legal and Ethical Studies and Integrated Arts, and those contributing to game design and counselor education have an impact on the growth and development of the community that reaches far beyond the campus borders.

DIVISIONS AND SCHOOLS

The college comprises four academic units: three divisions and a school. All units award bachelor's and master's degrees; some offer certificates and doctoral degrees. Each unit includes opportunities for interdisciplinary studies as a platform for cross-divisional innovation.

- **Division of Applied Behavioral Sciences**

Sharon Glazer, division chair

Sally Farley, program director, B.A. in Psychology

Courtney Gasser, program director, M.S. in Applied Psychology, counseling psychology concentration

Thomas Mitchell, program director, M.S. in Applied Psychology, industrial and organizational psychology concentration

John Donahue, program director, Certificate in Professional Counseling Studies

Educating students for life and work, the Division of Applied Behavioral Sciences is committed to developing and offering educational and professional programs of the highest quality to meet the emerging needs of students, the community and the region. This division offers an undergraduate program leading to a degree in psychology; an accelerated B.A./M.S. option in psychology is also offered. It also offers a graduate program leading to a degree in applied psychology, with specialization tracks in counseling psychology and industrial/organizational psychology. The division also offers a post-master's certificate program in professional counseling studies, which prepares students for Maryland state and national licensure as licensed clinical professional counselors.

- **Division of Legal, Ethical and Historical Studies**

Elizabeth Nix, division chair

Nicole Hudgins, program director, B.A. in History

Joshua Kassner, program director, B.A. in Jurisprudence

Steven Scalet, program director, B.A. in Philosophy, Society and Applied Ethics

Michele Cotton, program director, M.A. in Legal and Ethical Studies

Law, ethics and history are woven into our society. The Division of Legal, Ethical and Historical Studies offers undergraduate and graduate degree programs that examine these areas of study from various perspectives. It offers undergraduate programs leading to degrees in history and jurisprudence, and a graduate program leading to a degree in legal and ethical studies. Special emphasis is given to the study of ideas and ethics, as well as to regional, economic and cultural studies. The division is closely affiliated with the University's Hoffberger Center for Professional Ethics.

- **Division of Science, Information Arts and Technologies**

Ronald Castanzo, division chair

Giovanni Vincenti, program director, B.S. in Applied Information Technology

Stanley Kemp, program director, B.A. in Environmental Sustainability and Human Ecology

Aaron Oldenburg, program director, B.S. in Simulation and Game Design

Greg Walsh, program director, M.S. in Interaction Design and Information Architecture,
certificates in Digital Media Production and User Experience (UX) Design

Kathryn Summers, program director, D.S. in Information and Interaction Design

Lucy Holman, director, Certificate in Library Technologies

Focusing on three of the increasingly important STEM disciplines (science, technology and mathematics) and meeting the workforce demand for those who possess the knowledge and skills to practice them, the Division of Science, Information Arts and Technologies offers academic programs designed for students with interests in science and computer-related areas and the mathematics that supports them. These interests range from information technology; usability studies; system development; and game, simulation and interaction design, to environmental studies that encompass science, ethics and politics, to the exploration of humans' interactions with the planet. The division offers undergraduate programs leading to degrees in applied information technology, environmental sustainability and human ecology, and simulation and digital entertainment. It also offers graduate programs leading to a doctoral degree in information and interaction design and a master's degree in interaction design and information architecture. It offers post-bachelor's certificates in digital media production, user experience design and library technologies.

- **Klein Family School of Communications Design**

Jane Delury, division chair and director, Ampersand Institute for Words & Images

Julie Simon, program director, B.A. in Digital Communication

Stephen Matanle, program director, B.A. in English

Ian Power, program director, B.A. in Integrated Arts

Diedre Badejo, program director, B.A. in Interdisciplinary Studies

Kendra Kopelke, program director, M.F.A. in Creative Writing & Publishing Arts

Amy Pointer, program director, M.F.A. in Integrated Design

Thomas "T.J." O'Donnell, program director, M.A. in Publications Design and Certificate in Digital Communication

Making ideas public—that's how the Klein Family School of Communications Design defines its mission. Its programs blur the boundaries between creativity and practicality, between the humanities and the real world. It promotes learning as both a key to and a function of life, and offers programs that examine the marriage of art and commerce, words and images, and old

and new media. The school encompasses the Ampersand Institute for Words & Images, which conducts research and in other ways promotes and supports the mission of the academic division of the school. The division offers undergraduate programs leading to degrees in digital communication, integrated arts and English. It also offers graduate programs leading to degrees in publications design, integrated design, and creative writing and publishing arts, and to a certificate in digital communication.

STUDENTS

The approximately 1,850 men and women enrolled in the Yale Gordon College of Arts and Sciences—about two-thirds of them in undergraduate programs—represent about 30 percent of the total University of Baltimore student population.

About two-thirds of the college's undergraduate students are enrolled full time. Many of the remainder are already working in a wide variety of careers, and most of the college's students—whether undergraduate or graduate, full time or part time—balance job, family and school responsibilities. Some students are seeking advancement in their current careers; others are preparing to change careers. This diversity of age and experience is an important and invigorating part of campus life. Classes take place both during the day and in the evening, and most undergraduate majors can be completed entirely in the day, in the evening or through a schedule combining these.

FACULTY

College of Arts and Sciences faculty members are leaders in teaching, research, scholarship and service to the community. Full-time faculty members teach both graduate and undergraduate courses, conduct sponsored research, publish papers and articles, and engage in public service as consultants, board members and volunteers. The college's teaching faculty also includes a cadre of adjunct professors who are leading professionals and practitioners in dozens of fields—from government to the arts, nonprofit organizations to businesses. These adjunct faculty members contribute in significant ways to creating and advancing professional applications of the arts and sciences. A number of the University's administrative staff also serve as adjunct faculty members.

FACILITIES

Classrooms, laboratories and faculty offices for the Yale Gordon College of Arts and Sciences are located in the Learning Commons, the Academic Center and, the Liberal Arts and Policy Building. The college shares the University of Baltimore's Langsdale Library, Office of Technology Services, and Achievement and Learning Center with other components of the University.

A gift of psychology professor emeritus William Wagman and his wife, Althea, the William and Althea Wagman Laboratory on the fourth floor of the Learning Commons includes a sensory deprivation room, an individual testing room, a wet lab and a computer intranet system. Division of Applied Behavioral Sciences students can use the lab for independent and classroom research.

Advanced laboratories in the Klein Family School of Communications Design support student work in graphic design, electronic publishing, motion graphics, digital imaging, audio/video studio production and postproduction editing. Laboratories include high-end Apple computers; an array of quality printers,

including those for large-scale posters; a professional mounting and lamination system; and connections for digital cameras, camcorders, high-end photo-quality scanners and other equipment. The multi-room facility offers easy access to state-of-the-art software for graphic design; image creation, correction and manipulation; digital audio and video mixing and postproduction; animation; and web design.

Laboratories in the Division of Science, Information Arts and Technologies support work in biology, earth and environmental science, PC and network administration, information security, hypermedia, game design, application development for mobile technologies and usability research. Facilities include a general science laboratory and an environmental sciences lab with state-of-the-art facilities (a designated Biosafety Level 2 research facility) that supports both faculty and student research projects. The information security lab provides students with access to networking hardware, including network switches, firewalls, intrusion detection systems and VPN servers. The UB User Research Lab, a high-tech teaching and research laboratory specializing in human-centered research studies, provides an environment for understanding the user experience in various contexts; provides user research services to academic researchers, graduate students and businesses; and contributes valuable research findings to the professional and user research community. The UB Game Lab and the Digital Whimsy Lab support research in game development and user experience; provide space for collaborative, industry-standard prototyping and group design; and support knowledge-based applied research using immersive, visualization and interactive game technology.

UNDERGRADUATE PROGRAMS

- Applied Information Technology (B.S.)
- Digital Communication (B.A.)
- English (B.A., with specializations in literature and culture; creative writing; professional writing, editing and publishing; and applied rhetoric)
- Environmental Sustainability and Human Ecology (B.A.)
- History (B.A.)
- Integrated Arts (B.A.)
- Interdisciplinary Studies (B.A.)
- Jurisprudence (B.A.)
- Philosophy, Society and Applied Ethics (B.A.)
- Psychology (B.A.)
- Simulation and Game Design (B.S.)

Note: Descriptions of these programs follow Academic Policies and Information in the above-listed alphabetical order.

HELEN P. DENIT HONORS PROGRAM

Both faculty members and students in the Yale Gordon College of Arts and Sciences participate actively in the Helen P. Denit Honors Program. See the [honors program](#) section or visit www.ubalt.edu/honors.

ACADEMIC POLICIES AND INFORMATION

University-Wide Degree Requirements

See the [University-Wide Degree Requirements](#) section of this catalog.

Collegewide Degree Requirements

All Yale Gordon College of Arts and Sciences bachelor's degree candidates are required to:

- Complete a minimum of 120 credits, including the specific requirements of their major, with a minimum cumulative grade-point average of 2.0.
- Apply no more than 60 credit hours of community college work toward graduation.
- Earn a minimum grade of C (2.0) in all courses required for the major, including courses that are regarded as electives in the major. Some programs may have additional requirements or standards, which are specified in the program requirements in this catalog.
- Apply no more than 30 credits in business courses toward requirements for the bachelor's degree.
- Complete the last 30 credit hours required for the degree at the University of Baltimore.

Note: Any deviation from the program requirements described in the catalog requires the written permission of the dean of the Yale Gordon College of Arts and Sciences.

ACADEMIC MINORS

Students who have completed 24 credit hours with a 2.0 cumulative GPA may declare a minor, which is a cohesive set of courses designed by faculty members to provide students with an opportunity to cultivate skills and knowledge through concentrated study in an area that is not the major. Minors may focus on one discipline or may be interdisciplinary; they require 15 to 21 credits. Completing a minor is optional, and students should seek the guidance of an academic adviser when selecting a minor to understand how the minor requirements may be completed in conjunction with their degree.

For more information about minors offered and further requirements, see [Academic Minors](#).

OPTIONS AND REQUIREMENTS FOR UNDERGRADUATE STUDENTS TAKING GRADUATE COURSES

Undergraduate students who have a minimum cumulative GPA of 3.2 and have completed at least 90 credits applicable to a degree (senior standing) may request enrollment in graduate courses as part of their undergraduate degree. Enrollment requires the approval of the directors of both the undergraduate and graduate programs in question. With this arrangement, undergraduate students are permitted to take a maximum of six credit hours at the graduate level, and these credits are applied strictly to the undergraduate degree.

Undergraduate students taking graduate courses being applied to an undergraduate degree pay usual undergraduate tuition. Consequently, all application and approval forms must be completed prior to registration.

ACCELERATED BACHELOR'S/MASTER'S OPTION

Undergraduate students of recognized academic ability and educational maturity may fulfill the combined requirements of the college's bachelor's and master's degrees via a variety of accelerated bachelor's/master's options. This is different from applying to enroll in graduate courses as part of the undergraduate degree, as described above.

This accelerated option requires a minimum of 141 credits to complete both degrees, depending on the requirements of individual programs. A maximum of nine graduate credits, completed at the undergraduate level, may be applied simultaneously to the requirements for the bachelor's and master's degrees. In some cases, students may cross disciplines. Those interested should discuss their proposals with the appropriate program directors.

To be eligible for an accelerated bachelor's/master's option, students must have a cumulative 3.5 GPA or higher; to remain in the program, students must maintain at least a 3.5 GPA in their undergraduate coursework and at least a 3.0 GPA in their graduate courses.

To take advantage of the option, students need the approval of the dean of the college and of the appropriate graduate and undergraduate program directors, and must elect to take advantage of the option prior to beginning the last 30 credits of their undergraduate degree. Moreover, students must secure approval for participating in the option as special students in the appropriate graduate program and pay the applicable fees.

Students taking advantage of this accelerated option may register for up to nine credits of graduate coursework during the last 30 hours of their undergraduate degree. The undergraduate and graduate program directors will select the appropriate graduate courses for each student upon election of the option. These courses may not include independent study or research, individual research, directed study, thesis, internship or practicum courses. Changes in the program of study require approval of both the undergraduate and graduate program directors.

Students must be in continuous enrollment at the University of Baltimore for this agreement to remain in effect. Those who fail to maintain the eligibility requirements will be dropped from the accelerated option. Applicability (if any) of graduate courses to the undergraduate degree will be determined on an individual basis. Students should be aware that graduate courses applied to both undergraduate and graduate degrees at the University may not transfer as graduate credits to another institution.

In addition to electing the accelerated bachelor's/master's option, a separate application for admission to the graduate program (including payment of applicable fees) must be completed during the final semester of the bachelor's program. Admission to the graduate program must be effective the first regular semester after completing the credits required for the bachelor's degree so that there is no break in studies.

GRADUATE PROGRAMS

Doctoral Program

- Information and Interaction Design (D.S.)

Master's Programs

- Applied Psychology (M.S. with concentrations in Counseling Psychology and Industrial and Organizational Psychology)
- Creative Writing & Publishing Arts (M.F.A.)
- Integrated Design (M.F.A.)
- Interaction Design and Information Architecture (M.S.)
- Legal and Ethical Studies (M.A.)
- Publications Design (M.A.)

Graduate Certificate Programs

- Digital Communication
- Digital Media Production
- Library Technologies
- Professional Counseling Studies
- User Experience (UX) Design

LAW SCHOOL AUTOMATIC ADMIT OPTION

Grade point average of 3.35 or better as computed by the Credential Assembly Service and an LSAT score of 154 or better can be automatically admitted into the entering class of the UB School of Law following their graduation. -point average of 3.35 or better as computed by the Credential Assembly Service and an LSAT score of 154 or better can be automatically admitted into the entering class of the UB School of Law following their graduation.

Admission is for the fall semester only (note that the law school cannot make an admission decision until students have completed 75 credits of undergraduate coursework), and a completed application must be submitted by April 1. Students should take the LSAT no later than February of the calendar year in which they would like to enter law school.

Note that if students answer yes to any of the character and fitness questions on the UB School of Law application, they are not eligible for automatic admission; instead, their application will be forwarded to the admissions committee for a complete review. Character and fitness questions concern information regarding academic and disciplinary probation, criminal offenses, civil suits and employment termination.

The UB School of Law does not ensure acceptance into the full-time day program; students may be admitted to the full-time day program, the part-time day program or the evening program.

The law school reserves the right to increase the grade-point average and the LSAT score required on an annual basis.

For more information about this option, contact the Office of Law Admissions at 410.837.4459 or lawadmissions@ubalt.edu.

LAW SCHOOL EARLY ENTRY OPTION

Available to students enrolled in the B.A. in History or B.A. in Jurisprudence programs, this option allows students' first year of enrollment at the University of Baltimore School of Law to fulfill the requirements of their last year of undergraduate study. It requires a cumulative cross-institutional grade-point average of 3.5 or better as computed by the Credential Assembly Service and an LSAT score of 155 or better. This

option is available only if students are continuously enrolled at the University from their undergraduate major into their law school education.

To pursue the option, students must complete the 93 undergraduate credits required for their degree and complete a minimum of 33 credits at UB, excluding AP, IB, DANTEs, CLEP or challenge examinations. Students must complete all lower- and upper-division General Education requirements and apply to the UB School of Law. Admission is for the fall semester only (note that the law school cannot make an admission decision until students have completed 75 credits of undergraduate coursework), and a completed application must be submitted by April 1. Students should take the LSAT no later than February of the calendar year in which they would like to enter law school.

Note that students must apply for graduation during the last semester of their first year of law school to receive their bachelor's degree.

If students answer yes to any of the character and fitness questions on the UB School of Law application, they are not eligible for early entry; instead, their application will be forwarded to the admissions committee for a complete review. Character and fitness questions concern information regarding academic and disciplinary probation, criminal offenses, civil suits and employment termination.

Law school admission may be into the full-time day program or the part-time day program, as determined by the School of Law.

The law school reserves the right to increase the grade-point average and the LSAT score required on an annual basis.

For more information about this option, contact the Office of Law Admissions at 410.837.4459 or lawadmissions@ubalt.edu.

For more detailed information about B.A. in History program requirements, see the [program description](#). For B.A. in Jurisprudence program requirements, see the [program description](#).

SECOND BACHELOR'S DEGREES

Students who have previously earned a bachelor's degree, at either the University of Baltimore or another accredited institution, may earn a second bachelor's degree in a different degree program. Students must complete a minimum of 30 credits in residence at the University of Baltimore, applicable only to the second degree, and satisfy all of the departmental requirements for the degree, but they are not required to fulfill General Education or University-wide course requirements. No University of Baltimore courses taken to complete the first bachelor's degree can be retaken to complete the second bachelor's degree.

Credits used to satisfy a first degree at the University of Baltimore may not be applied toward the 30-credit residency requirement for the second degree. In some cases, this policy may require the substitution of courses in the major other than those specified by the second degree program. Students interested in pursuing a second bachelor's degree should consult with the appropriate program director before making a formal application through the Office of Admission. Information about applying for a second bachelor's degree may be found in the [Admission](#) section of this catalog.

INDEPENDENT STUDY

Students may pursue independent research with faculty members through independent or directed study courses. Each academic discipline within the Yale Gordon College of Arts and Sciences offers an independent study course that is described in the online course description, found at www.ubalt.edu/courseDescriptions. Students must obtain permission of their program director and the supervising faculty member before registering for an independent study course.

APPLIED INFORMATION TECHNOLOGY, BACHELOR OF SCIENCE

Available to students once they have completed a minimum of 56 credits; may require that additional criteria be met, and courses to fulfill this major may not be available during the day.

www.ubalt.edu/ait

Giovanni Vincenti, program director

FACULTY: Ketel, Vincenti

ADJUNCT FACULTY: Abakaev, Brown, Carpenter, Denner, Mayfield, Satzinger, Suter

In the B.S. in Applied Information Technology program, you'll explore networking, developing desktop and server-based applications, and building and supporting websites, learning cutting-edge IT technologies at a much deeper level than that of traditional IT certification training.

While earning an IT certification is not a requirement of this program, we encourage you to do so in conjunction with your degree. You should be able to complete at least one major IT certification by the time you graduate from the program.

About one-third of your time in the program will be devoted to hands-on activities, such as:

- Building and troubleshooting computers
- Constructing wired and wireless computer networks
- Writing and publishing desktop and server-based applications
- Installing and configuring secure web servers
- Creating interactive websites.

FACILITIES

The Division of Science, Information Arts and Technologies maintains several PC labs supporting programming, network administration and information security.

ADMISSION REQUIREMENTS

See the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Information Literacy

Students in the B.S. in Applied Information Technology program will meet the University of Baltimore information literacy requirement by successful completion of one of the following:

- COSC 324 Designing for Humans (3)
- INFO 110 Introduction to Information Literacy (3)

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) section for details regarding General Education requirements at the University of Baltimore.

For this major, the required General Education course to satisfy the mathematics requirement is MATH 111 College Algebra.

Applied Information Technology Requirements (69 credits)

Applied Information Technology Core (39 Credits)

COSC 151	Computer Programming I (3)
COSC 155	Internet Technologies: Mastering the Basics (3)
COSC 210	Computer Hardware/Software Support (3)
COSC 212	Introduction to Linux (3)
COSC 251	Computer Programming II (3)
COSC 310	Fundamentals of Computer Networks (3)
COSC 324	Designing for Humans (3)
COSC 332	Fundamentals of Computer Security (3)
COSC 351	Object-Oriented Programming (3)
COSC 356	Database Systems (3)
COSC 401	The TCP/IP Protocol Suite (3)
COSC 461	IT Project Management (3)

and one of the following:

COSC 312	Administering and Supporting a Network Operating System (3)
COSC 412	Unix/Linux Administration (3)

Capstone (3 credits)

COSC 490	Practicum in Information Technology (3)
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Math Requirements (9 credits)

MATH 201	Calculus I (3)
MATH 303	Applied Probability and Statistics (3)
MATH 321	Mathematical Structure for Information Technology (3)

Tracks (18 credits)

Choose one of the following two tracks:

Application Development and Programming

- COSC 434 Web and Database Security (3)
- COSC 451 Object-Oriented Analysis and Design (3)
- COSC 453 Advanced Web Development (3)
- COSC 456 Advanced Database Systems (3)
- COSC 457 Mobile Applications Programming (3)

One of the following:

- COSC 432 Information Assurance and Security (3)
- COSC 433 Network Security (3)
- COSC 435 Digital Forensics for Information Technology (3)

Information Security and Assurance

- COSC 430 Legal Issues in High-Technology Crime (3)
- COSC 432 Information Assurance (3)
- COSC 433 Network Security (3)
- COSC 434 Web and Database Security (3)
- COSC 435 Digital Forensics for Information Technology (3)

One of the following:

- COSC 453 Advanced Web Development (3)
- COSC 456 Advanced Database Systems (3)
- COSC 457 Mobile Applications Programming (3)

General Electives

Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate.

ACCELERATED BACHELOR'S/MASTER'S OPTION

Students who qualify may apply to take up to nine graduate credits that apply to both this undergraduate degree and the M.S. in Interaction Design and Information Architecture. Contact the program director for information and see [Accelerated Bachelor's/Master's Option](#).

LAW SCHOOL AUTOMATIC ADMIT OPTION

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

DIGITAL COMMUNICATION, BACHELOR OF ARTS

www.ubalt.edu/digitalcommunicationmajor

Julie Simon, program director

FACULTY: Delury, Fioramonti, Fountain, Friskey, Gibson, Justice, Keohane, Leyva, Meikle, O'Donnell, Pointer, Simon, Yarrison

ADJUNCT FACULTY: Blumberg, Burkhart, Flinkman, P. Kopelke, Patschke, Rhee

The Digital Communication program—housed in the Klein Family School of Communications Design—leads to a B.A. Digital, mobile and social media are now integral to the communication strategies of businesses, nonprofit organizations and government agencies. Employers are looking to hire communication specialists versed in writing, media design and production, public relations, and strategy development as they relate to the technologies of the 21st century.

In this program, students learn how to write and design effectively for digital media; explore the impact of digital technologies on 21st-century communication, business, arts and culture; examine business applications of digital media; perfect strategies for informing and persuading audiences; and think critically and creatively to solve problems and adapt to new technology environments.

The program is designed for people who are entering freshmen or transferring from community colleges and four-year schools, as well as for working professionals who want to develop their digital communication skills further, either for continued advancement in their present careers or as preparation for a career change.

Students enter the program from a variety of backgrounds, including production areas, such as graphic design, photography and video, as well as business, English and other humanities disciplines. Once in the program, students broaden their information and skills base.

Through a set of five core courses that provide a broad-based, practical understanding of communication in the 21st century, students explore the history, theory and impact of communication media, especially digital and social media. They then choose a seven-course specialization.

FACILITIES

Klein Family School of Communications Design facilities include state-of-the-art Apple laboratories in the Liberal Arts and Policy Building. Students have access to digital cameras and audio recorders; industry-standard software for graphic design and image creation, correction and manipulation; audio and video postproduction; animation; and web design.

ADMISSION REQUIREMENTS

See the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Information Literacy

Students in the B.A. in Digital Communication program will meet the University of Baltimore information literacy requirement by successful completion of one of the following:

- CMAT 353 Research Methods in Digital Communication
- IDIS 110 Introduction to Information Literacy

General Education Requirements (38–43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

Digital Communication Program Requirements (48 credits)

Core Courses (21 credits)

CMAT 353	Research Methods in Digital Communication (3)
CMAT 342	The Rhetoric for Digital Communication (3)
CMAT 352	Media Literacy (3)
CMAT 451	Communication Technologies (3)
CMAT 485	Seminar in Digital Communication (3)

One of the following advanced writing courses:*

ENGL 321	Argument and Persuasion (3)
ENGL 322	Techniques of Popularization (3)
ENGL 323	Writing, Editing and Publishing (3)
ENGL 324	Public Relations Writing (3)
ENGL 325	Introduction to Journalism (3)
ENGL 326	Writing for Digital Media (3)
ENGL 390	Syntax, Semantics and Style (3)

Additional advanced writing options for students already accepted into the M.A. in Publications Design program:

PBDS 603	Editorial Style (3)
PBDS 604	Writing for the Marketplace (3)
PBDS 605	Public and Private Language (3)
PBDS 611	The Craft of Popularization (3)
PBDS 691	The Art of the Interview (3)
PBDS 692	Writing for Digital Environments (3)

One of the following background and ideas courses:*

ENGL 337	Great Plays (3)
ENGL 338	Modern Drama (3)
ENGL 341	American Literature to 1900 (3)
ENGL 344	American Literature Since 1900 (3)
ENGL 346	The American Dream (3)
ENGL 348	Multiethnic American Literature (3)
ENGL 350	Topics in African-American Literature (3)
ENGL 351	Ancient Mythology and Modern Myth (3)
ENGL 354	Love in Literature (3)
ENGL 361	The Hero and the Quest (3)
ENGL 364	Shakespeare: Kings, Knaves and Fools (3)
ENGL 365	Shakespeare: Love, Myth and Metamorphosis (3)
ENGL 391	Topics in Language and Society (3)
ENGL 450	The Great Moderns (3)
CMAT 371	Mass Media and Society (3)
CMAT 381	News and Documentary (3)

**Counts as either B&I or advanced writing, or area of focus credit.*

Upper-Division Areas of Focus (21 credits)

Choose seven courses from the following list(s). Students may take 300- to 400-level classes from one area for a more specialized degree or from many areas for a more generalized experience. Courses to be determined by the student and her/his adviser, based on entrance qualifications and career objectives.

Media Design and Production

Students are highly encouraged to take a mix of first- and second-level courses. Two courses at the second level are recommended.

First-Level Courses

CMAT/	
ENGL 333	Media Genres (3)
CMAT 357	Principles of Design (prereq: Computer Graphics Competency**)(3)
CMAT 358	Digital Design (prereq: Computer Graphics Competency**) (3)
CMAT 364	Digital Photography (prereq: CMAT 212 or equivalent) (3)
CMAT 366	Producing Sound Portraits (3)
CMAT 368	Photojournalism (3)
CMAT 369	Digital Video (3)
CMAT 392	Media Branding (prereq: Computer Graphics Competency**) (3)

Second-Level Courses

- CMAT 456 Motion Graphics (prereq: CMAT 357, CMAT 358) (3)
- CMAT 457 Advanced Print Design (prereq: CMAT 357) (3)
- CMAT 458 Project Management (3)
- CMAT 459 Print Production (prereq: CMAT 357) (3)
- CMAT 459 Advanced Digital Design (prereq: CMAT 358) (3)
- CMAT 374 Magazine Design (prereq: CMAT 357, CMAT 358) (3)
- CMAT 469 Advanced Digital Video (prereq: CMAT 369) (3)
- COSC 402 Interactive Narrative (prereq: COSC 320) (3)

[Advanced PBDS courses by permission]

Digital Theory and Culture

CMAT/

- ENGL 333 Media Genres (3)
- CMAT 355 Communication Theory and Learning (3)
- CMAT 371 Mass Media and Society (3)
- CMAT 381 Representing Reality: News and Documentary (3)
- CMAT 392 Media Branding (prereq: Computer Graphics Competency**) (3)
- CMAT 453 Media and Community (3)
- CMAT 475 Media Criticism (3)
- ENGL 325 Introduction to Journalism (3)
- ENGL 332 Literature and Film (3)
- ENGL 391 Topics in Language and Society (3)
- ENGL 392 The Archaeology of Language (3)
- ENGL 395 Narrative Discourse (3)
- GVPP 362 Media and Government (3)

[Advanced PBDS courses by permission]

Public Relations

- CMAT 303 Oral Communication in Business (3)
- CMAT 320 Argumentation and Debate (3)
- CMAT/
- ENGL 333 Media Genres (3)
- CMAT 371 Mass Media and Society (3)
- CMAT 369 Video Production (3)
- CMAT 357 Principles of Design (prereq: Computer Graphics Competency**) (3)
- CMAT 358 Digital Design (prereq: Computer Graphics Competency**) (3)
- CMAT 368 Photojournalism (3)
- CMAT 391 Public Relations Strategies (3)
- CMAT 392 Media Branding (prereq: Computer Graphics Competency**) (3)
- CMAT 458 Project Management (3)
- ENGL 321 Argument and Persuasion (3)
- ENGL 322 Techniques of Popularization (3)

ENGL 323 Writing, Editing and Publishing (3)
 ENGL 324 Public Relations Writing (3)
 ENGL 325 Introduction to Journalism (3)
 ENGL 326 Writing for Digital Media (3)
 ENGL 390 Syntax, Semantics, and Style (3)
 ENGL 391 Topics in Language and Society (3)
 ENGL 393 Topics in Advertising (3)
 ENGL 392 Archaeology of Language (3)
 ENGL 402 Copy Editing and Document Design (3)
 MGMT 300 Organizational Behavior (3)
 MGMT 305 Managing Human Resources (3)
 MKTG 301 Marketing Management(3)
 MKTG 430 Personal Selling (3)
 MKTG 410 Buyer Behavior (3)
 MKTG 415 Marketing Communication and Digital Media (3)
 INSS 401 Internet and Business (3)
 [Advanced PBDS courses by permission]

Speech and Rhetoric

CMAT 300 Public Speaking (3)
 CMAT 303 Oral Communication in Business (3)
 CMAT 320 Argumentation and Debate (3)
 CMAT 334 Oral Interpretation of Literature (3)
 CMAT 355 Communication Theory and Learning (3)
 ENGL 330 Legal Writing and Rhetoric (3)
 ENGL 321 Argument and Persuasion (3)
 ENGL 322 Techniques of Popularization (3)
 ENGL 324 Public Relations Writing (3)
 ENGL 390 Syntax, Semantics and Style (3)
 ENGL 391 Topics in Language and Society (3)
 ENGL 392 Archaeology of Language (3)
 [Advanced PBDS courses by permission]

Media Writing

ENGL 321 Argument and Persuasion (3)
 ENGL 322 Techniques of Popularization (3)
 ENGL 323 Writing, Editing and Publishing (3)
 ENGL 324 Public Relations Writing (3)
 ENGL 325 Introduction to Journalism (3)
 ENGL 326 Writing for Digital Media (3)
 ENGL 330 Legal Writing and Rhetoric (3)
 ENGL 363 Creative Writing Workshop: Screenwriting (3)

ENGL 386	Creative Writing Workshop: Journalism (3)
ENGL 390	Syntax, Semantics and Style (3)
ENGL 391	Topics in Language and Society (3)
ENGL 392	Archaeology of Language (3)
COSC 402	Interactive Narrative (prereq: COSC 320) (3)

Other Electives (applies to all groupings)

CMAT 407	Internship (3)
CMAT 489	Directed Independent Study (3)
CMAT 490	Honors Project (3)
CMAT 493	Honors Seminar (3)
CMAT 497	Special Topics in Communication (3)

You also need to complete the professional attendance and computer graphics competency requirements, as indicated below.

General Electives

IDIS 101	First-Year Seminar: Introduction to University Learning (3) <i>Freshmen only; transfer students replace this with a different elective</i>
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Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate.

Professional Attendance Requirement

During their tenure at the University of Baltimore, digital communication majors must attend at least five co-curricular activities related to the major. These could include lectures, workshops or conferences; professional association meetings; and a wide assortment of other events. Approved events are posted and announced in advance.

Computer Graphics Competency Requirement

Students may satisfy the requirement by:

- Successful completion of CMAT 211 Computer Graphics: Publishing and CMAT 212 Computer Graphics: Imaging
- Approved transfer credit
- Computer graphics competency examination (make arrangements by speaking with the program director or with your adviser).

ACCELERATED BACHELOR'S/MASTER'S OPTION

Students who qualify may apply to take up to nine graduate credits that apply to both this undergraduate degree and the M.A. in Publications Design or the M.S. in Interaction Design and Information Architecture. Contact the program director for information and see [Accelerated Bachelor's/Master's Option](#).

LAW SCHOOL AUTOMATIC ADMIT OPTION

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

ENGLISH, BACHELOR OF ARTS

www.ubalt.edu/english

Stephen Matanle, program director

FACULTY: Badejo, Boyd, Delury, Friskey, Justice, Kang, Kopelke, Leyva, Matanle, Meikle, Simon, Watkins, Winik, Yarrison Zeleny.

ADJUNCT FACULTY: Carruthers, Lynne

The B.A. in English program is housed in the Klein Family School of Communications Design. Students majoring in English choose from four specializations: literature and culture; professional writing, editing and publishing; creative writing; and applied rhetoric. Sharing a core of six courses, all specializations emphasize the development of the critical thinking and communication skills that are necessary for success in the world of work and in the pursuit of advanced degrees. The major prepares its students for positions in publications and communications—media production, graphic design, electronic publishing, writing, editing and public relations, for example—and provides a sound basis for graduate work in areas such as literature, rhetoric, creative writing and the law.

Extracurricular opportunities for English majors include Sigma Tau Delta (the national English honor society), the literary magazines *Welter* and *Skelter*, and the University newspaper, the *UB Post*. The division is also affiliated with CityLit Project and with the literary journal *Passager*.

ADMISSION REQUIREMENTS

See the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Transfer students may apply up to nine credits of 200-level courses in literature taken elsewhere to count toward the 36 credits required for the program. For students transferring with 300- and 400-level courses, at least 18 credits in the program must be taken at the University of Baltimore. Any special exceptions to these requirements must have the permission of both the division chair and the dean of the college. The literature specialization has no lower-division prerequisites.

Information Literacy

Students in the B.A. in English program will meet the University of Baltimore information literacy requirement by successful completion of one of the following:

- ENGL 498 Seminar in English
- IDIS 110 Introduction to Information Literacy

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes, as well as gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

English Program Requirements (42 credits)

Core Courses (24 credits)

ENGL301 Introduction to English Studies (3)
ENGL 498 Seminar in English (3)

One of the following multiethnic or women's literature courses (3):

ENGL313 Worlds Beyond the West (3)
ENGL319 Topics in International Literature (3)
ENGL348 Multiethnic American Literature (3)
ENGL349 American Identities: Explorations in the Past and Present (3)
ENGL350 Topics in African-American Literature (3)
ENGL360 Major Authors (if appropriate topic, approved by semester) (3)
ENGL371 Women's Literary History (3)
ENGL372 Topics in Women's Literature (3)
ENGL374 Austen, the Brontes and Woolf: Rooms of Their Own (3)
ENGL400 Literature in Society (3)
ENGL497 Topics in Literature (if appropriate topic, approved by semester) (3)

One of the following period and context courses (3):

ENGL 311 Wells of the Past: Classical Foundations (3)
ENGL341 American Literature to 1900 (3)
ENGL 342 Melville, Poe and Whitman: American Voyagers (3)
ENGL344 American Literature Since 1900 (3)
ENGL346 The American Dream (3)
ENGL360 Major Authors (3)
ENGL 361 The Hero and the Quest (3)
ENGL 362 Dante, Chaucer and Cervantes: Three Versions of Pilgrimage (3)
ENGL 366 Milton, Blake and Yeats: Poet as Prophet (3)
ENGL 374 Austen, the Brontes and Woolf: Rooms of Their Own (3)

- ENGL 400 Literature in Society (3)
- ENGL 421 The Elizabethan Renaissance: In the Green World (3)
- ENGL 431 The Metaphysical Moment: From T.S. Eliot to John Donne (3)
- ENGL 432 The Age of Reason (3)
- ENGL 441 The Romantic Imagination (3)
- ENGL 442 The Victorian Paradox (3)
- ENGL 450 The Great Moderns (3)

One of the following:

- ENGL 364 Shakespeare: Kings, Knaves and Fools (3)
- ENGL 365 Shakespeare: Love, Myth and Metamorphosis (3)

One of the following (3):

- ENGL392 The Archaeology of Language (3)
- ENGL395 Understanding Narrative (3)

Two additional 300- or 400-level ARTS, CMAT or ENGL courses (6)

Specializations (18 credits)

Students complete one of the following specializations.

LITERATURE AND CULTURE SPECIALIZATION

The literature and culture specialization fosters the development of critical thinking and interpretive skills through the study of literary works, aesthetics and historical perspectives from around the world.

- ENGL 397 Reading Strategies (3)
- two additional period and context courses (6)
- one multiethnic/women's literature course (3)

One of the following British literature courses (3):

- ENGL358 Tolkien: Master of Fantasy (3)
- ENGL360 Major Authors (if appropriate topic, approved by semester) (3)
- ENGL364 Shakespeare: Kings, Knaves and Fools (3)
- ENGL365 Shakespeare: Love, Myth and Metamorphosis (3)
- ENGL 366 Milton, Blake and Yeats: Poet as Prophet (3)
- ENGL374 Austen, the Brontes and Woolf: Rooms of Their Own (3)
- ENGL421 The Elizabethan Renaissance: In the Green World
- ENGL431 The Metaphysical Moment: from T.S. Eliot to John Donne (3)
- ENGL432 The Age of Reason (3)
- ENGL441 The Romantic Imagination (3)
- ENGL442 The Victorian Paradox (3)
- ENGL450 The Great Moderns (3)

ENGL497 Topics in Literature (if appropriate topic, approved by semester) (3)

One of the following American literature courses (3):

- ENGL338 Modern Drama (3)
- ENGL341 American Literature to 1900 (3)
- ENGL342 Melville, Poe and Whitman: American Voyagers (3)
- ENGL344 American Literature Since 1900 (3)
- ENGL346 The American Dream (3)
- ENGL348 Multiethnic American Literature (3)
- ENGL349 American Identities: Explorations in the Past and Present (3)
- ENGL350 Topics in African-American Literature (3)
- ENGL360 Major Authors (if appropriate topic, approved by semester) (3)
- ENGL497 Topics in Literature (if appropriate topic, approved by semester) (3)

PROFESSIONAL WRITING, EDITING AND PUBLISHING SPECIALIZATION

The professional writing, editing and publishing specialization concentrates on the in-demand editing, writing and publishing skills valuable in almost every academic, governmental, nonprofit and business setting. Through coursework in areas such as public relations writing, writing for the media, copyediting and document design, and graphic design—often taught by practicing professionals—students develop a repertoire of skills to draw upon in the required internship that may serve as a gateway to a career after graduation. Students who are interested in expanding their career options may elect courses in graphic or electronic design offered through the digital communication program.

Required (12)

- CMAT 211 Computer Graphics: Publishing (3)
- ENGL323 Writing, Editing and Publishing (3)
- ENGL390 Syntax, Semantics and Style (3)
- ENGL402 Copyediting and Document Design (3)

Two of the following (6):

- ENGL322 Techniques of Popularization (3)
- ENGL325 Introduction to Journalism (3)
- ENGL330 Legal Rhetoric and Writing (3)
- ENGL326 Writing for Digital Media (3)
- ENGL324 Public Relations Writing (3)
- ENGL321 Argument and Persuasion (3)
- ENGL407 Internship in Professional Writing or ENGL 408 Internship in University Publications (1–3)

CREATIVE WRITING SPECIALIZATION

The creative writing specialization nurtures and refines creativity across multiple genres, with particular attention to the importance of audience and of the editing process. In addition, creative writers are encouraged to attend readings by accomplished contemporary writers sponsored by the University's M.F.A. in Creative Writing & Publishing Arts program. In the required WRIT 401 Publication and Performance course, all majors collaborate in editing and producing the University's literary magazine, *Welter*.

Required (3)

ENGL 401 Publication and Performance (3)

Two of the following (6):

ENGL 315 The Short Story (3)

ENGL 316 Modern Poetry (3)

ENGL317 The Novel (3)

ENGL 320 Contemporary Literature (3)

ENGL332 Literature and Film (3)

ENGL338 Modern Drama (3)

Three of the following (9):

ENGL363 Creative Writing Workshop: Screenwriting (3)

ENGL387 Creative Writing Workshop: Memoir (3)

ENGL386 Creative Writing Workshop: Creative Journalism (3)

ENGL382 Creative Writing Workshop: Poetry (3)

ENGL383 Creative Writing Workshop: Fiction (3)

ENGL 385 Creative Writing Workshop: Playwriting (3)

ENGL388 Creative Writing Workshop: Special Topics (3)

APPLIED RHETORIC SPECIALIZATION

The applied rhetoric specialization develops the skills necessary for professions in law, communications and business by promoting the analysis of language and the interdisciplinary study of literature, writing, popular culture and communications.

Required (3)

CMAT342 The Rhetoric of Digital Communication (3)

One of the following (3):

ENGL392 The Archaeology of Language (3)

ENGL395 Understanding Narrative (3)

Take one to complete the core courses and one to complete this specialization.

Two of the following (6):

ENGL356	Literature and Law (3)
ENGL400	Literature in Society (3)
ENGL321	Argument and Persuasion (3)
ENGL330	Legal Writing and Rhetoric (3)

Two of the following (6):

CMAT352	Media Literacy (3)
CMAT371	Mass Media and Society (3)
ENGL331	Popular Genres (3)
ENGL333	Media Genres (3)

General Electives

IDIS 101	First-Year Seminar: Introduction to University Learning (3) <i>Freshmen only; transfer students replace this with a different elective</i>
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Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate, including this recommended elective:

ENGL 200	The Experience of Literature or another 200-level literature course (3)
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ACCELERATED BACHELOR'S/MASTER'S OPTION

Students who qualify may apply to take up to nine graduate credits that apply to both this undergraduate degree and the M.A. in Publications Design or the M.F.A. in Creative Writing & Publishing Arts. Contact the program director for information and see [Accelerated Bachelor's/Master's Option](#).

LAW SCHOOL AUTOMATIC ADMIT OPTION

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

ENVIRONMENTAL SUSTAINABILITY AND HUMAN ECOLOGY, BACHELOR OF ARTS

www.ubalt.edu/environmental

Stanley Kemp, program director

FACULTY: Castanzo, Gerlowski, Haynes, Kassner, Kemp, Kohl, Pecher, Porter

Students in the environmental sustainability and human ecology program study—often through hands-on learning—the interrelationships of people and their environment from scientific, social, ethical and public policy perspectives.

From a science perspective, they gain a solid understanding of environmental science terminology, concepts and techniques. They explore the diversity of life and ecosystems of the world, and they

participate in hands-on study of the Chesapeake Bay and its watershed. Students also study the effects of urban center growth on local ecosystems and focus on the concept of sustainable development.

Adding social sciences to the mix, students gain a cross-cultural perspective on how human populations adapt technologically, socially and psychologically to their environments, and how people alter the living and nonliving worlds around them. Cultural heritage preservation is also a significant component of the program.

Combining this with policy studies, students learn how environmental public policy is formulated, how it affects the health of the environment and how it's shaped by ecological considerations. They also examine the ethical and legal implications of the use, treatment and potential destruction of the natural environment.

When they graduate, students are prepared to deal with the real problems facing communities worldwide, from Baltimore to cities in the developing world. They go on to work in fields as varied as environmental compliance, permitting, environmental hygiene, environmental interpretation, education, environmental consulting, cultural heritage preservation, cultural resource management and museum curation in private, government and nonprofit sectors.

FACILITIES

On the fourth floor of the Academic Center, a general science laboratory with 24 workstations provides a hands-on environment for students to put their knowledge into practice. On the second floor of the same building, the environmental science laboratory contains equipment and materials that allow environmental science faculty members and students to investigate local ecosystems at molecular, microscopic and organismal levels. Just down the hall from this lab is the cultural resource management lab, where archaeology and heritage preservation research is performed. The newest facilities addition is the mesocosm experimental lab on the basement floor of the Learning Commons.

ADMISSION REQUIREMENTS

See the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Information Literacy

Students in the B.A. in Environmental Sustainability and Human Ecology program will meet the University of Baltimore information literacy requirement by successful completion of one of the following:

- IDIS 110 Introduction to Information Literacy (3)

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate

information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

Environmental Sustainability and Human Ecology Program Requirements (60–61 credits)

Note that 16 to 19 credits of the environmental sustainability and human ecology program requirements can be satisfied by General Education requirements.

Core Courses (37 credits)

Biological and Environmental Sciences Foundation (7 credits)

ENVS 201	Human Ecology (3)*
BIOL 121	Fundamentals of Biology (4)*

Social Sciences (21 credits)

ANTH 110	Cultural Anthropology (3)*
ANTH 222	Human Environmental Adaptations (3)
ANTH 365	Human Population Dynamics (3)
ECON 100	Economics of Contemporary Issues (3)*
PSYC 100	Introduction to Psychology (3)*
PSYC 375	Environmental Psychology (3)
SOCI 303	Urban Sociology (3)

Humanities (3 credits)

PHIL 280	Environmental Ethics (3)*
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Government and Public Policy (6 credits)

GVPP 315	Public Policy Analysis (3)
GVPP 480	Environmental Politics and Policy (3)

**16 of these credits can also satisfy General Education requirements.*

Environmental Science Track (24 credits)

Physical Sciences (3 credits)

PHSC 101	Earth in Focus (3)*
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Environmental Science (15 credits)

ENVS 221	Science of the Environment (4)*
ENVS 285	Environmental Chemistry (4)
ENVS 300	Greater Baltimore Urban Ecosystems: Field Investigations (4)
ENVS 375	Molecular Genetics and Biotechnology in Society (4)
ENVS 420	Research Seminar in Environmental Science (2)

ENVS 490 Special Projects in Environmental Sciences (3)

*19 credits of General Education requirements can be fulfilled between core courses and environmental science track courses.

Cultural Resource Management Track (23–24 credits)

ANTH 201 Introduction to Archaeology (3)
ANTH 202 Introduction to Archaeology Laboratory, (1)
ANTH 320 Forensic Anthropology, (4)
ANTH 410 Cultural Resource Management (3)
ANTH 490 Internship in Cultural Resource Management, (3-4)
ANTH 499 Special Projects in Anthropology (3)

Electives

ANTH 115 Human Origins (3)
ANTH 295 Historical Archaeology (3)
ANTH 440 Anthropological Theory (3)
ANTH 488 Special Topics in Anthropology (3)

General Electives

IDIS 101 First-Year Seminar: Introduction to University Learning (3)
Freshmen only; transfer students replace this with a different elective

Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate.

LAW SCHOOL AUTOMATIC ADMIT OPTION

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

HISTORY, BACHELOR OF ARTS

www.ubalt.edu/history

Nicole Hudgins, program director

FACULTY: Carney, Hudgins, Nix, Sawyer, Yi, Davis, Wood

ADJUNCT FACULTY: Brunson, Gamber, Trumpbour

The B.A. in History program is administered through the Division of Legal, Ethical and Historical Studies. The program provides students with a broad background in the humanities. It sharpens the analytical

and communication skills necessary for advanced training and career development. As such, it has thrived as one of the traditional programs of study for students who go on to careers in law, government, business, education, nonprofit organizations and other professions.

The program is also designed for students who wish to pursue graduate work in the humanities, social sciences or other professional fields. The program is a flexible one. It includes basic coverage of period courses in American, Asian and European history, plus more specialized thematic courses in the history of law, business and ideas.

In addition, students may select the program's specialization in public history leading to a B.A. in History with a specialization in public history. Public history is the professional application of historical methods, skills, research and presentation in settings outside the classroom. Public historians work in museums, archives, government agencies, historical societies, living history sites, preservation groups, businesses and nonprofit organizations of all kinds, either independently or in partnership with academic institutions. Students in the public history specialization combine standard history coursework with public history courses, seminars, independent research and an internship designed to introduce them to various specialties within the field as they gain practical experience in a variety of professional settings where historians work. The public history specialization requires 15 credits, including a foundation course on local history, two public history core courses and two specialized electives.

There are also plenty of opportunities for directed research through independent studies, internships at local historical agencies or museums, and a senior seminar. Moreover, students working on such projects find easy access to some of the best archival and other resources in the Greater Baltimore region.

ADMISSION REQUIREMENTS

See the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

A maximum of six transfer credits in history, taken at the 200 level or above, can be applied to the history major with the approval of the program director. In addition, major requirements must be completed with a grade of C or better for students to qualify for graduation.

History has no lower-division prerequisites.

Information Literacy

Students in the B.A. in History program will meet the University of Baltimore information literacy requirement by successful completion of one of the following:

- HIST 295 The Historian's Toolkit (3)
- INFO 110 Introduction to Information Literacy (3)

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates

be able to communicate effectively in many different modes; gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

History Program Requirements (36 credits)

These requirements must be completed with a grade of C or better for students to qualify for graduation.

Core Courses (6 credits)

- HIST 295 The Historian's Toolkit (3)
- HIST 495 Senior Seminar in History (3)

Major Requirements (30 credits)

Two of the following courses (6 credits):

- HIST 101 World History to 1500 (3)
- HIST 102 World History Since 1500 (3)
- HIST 111 Early America (3)
- HIST 112 Modern America (3)
- HIST 121 World History of Art to 1500 (3)
- HIST 122 World History of Art Since 1500 (3)

One of the remaining courses above or one of the following courses (3 credits):

- HIST 197 Conflicts in History (3)
- HIST 204 African-American History to 1865
- HIST 205 African-American History Since 1865
- HIST 240 Everyday Lives (3)
- HIST 290 Great Issues in History (3)

Four of the following courses:

Topics in American History (12 credits)

- HIST 308 History of American Business (3)
- HIST 340 American Legal History (3)
- HIST 350 History of U.S. Foreign Relations (3)
- HIST 370 Old South and Slavery (3)
- HIST 375 The Civil War and Reconstruction (3)
- HIST 377 New South and Civil Rights (3)
- HIST 380 The Chesapeake World (3)
- HIST 381 American Cities (3)
- HIST 382 History of Baltimore (3)
- HIST 383 Community History (3)

HIST 385	U.S. Women's History (3)
HIST 395	Introduction to Historiography
HIST 396	Introduction to Public History
HIST 420	America Since 1940 (3)
HIST 434	American Constitutional History (3)
HIST 468	American Political History (3)
HIST 482	Introduction to Historical Preservation (3)
HIST 496	Seminar in Public History (3)

Three of the following courses:

Topics in the History of the Wider World (9 credits)

HIST 310	Ancient Civilizations (3)
HIST 311	Emergence of Europe (3)
HIST 312	Age of Revolution (3)
HIST 313	Europe, 1815–1914 (3)
HIST 314	Europe, 1914–45 (3)
HIST 315	Europe Since 1945 (3)
HIST 324	Modern China (3)
HIST 326	Modern Japan (3)
HIST 328	Modern Korea (3)
HIST 331	English Law to 1689 (3)
HIST 332	English Law Since 1689 (3)
HIST 354	History of Germany (3)
HIST 440	History of Common Law (3)
HIST 466	History of Africa (3)
HIST 474	Women and the Family in European History (3)

The following courses, depending on the instructor's preference, may be taught either as Topics in American History or Topics in the History of the Wider World courses, and may be applied to those requirements as appropriate:

HIST 344	World War II (3)
HIST 390	Film and History (3)
HIST 438	Great Trials in History (3)
HIST 445	Topics in the History of Religion (3)
HIST 460	The Cold War, 1945–90 (3)
HIST 477	Technology and History (3)
HIST 490	Internship (3)
HIST 492	Independent Study (1–3)
HIST 493	Honors Seminar (3)
HIST 494	Honors Project (3–6)
HIST 497	Special Topics in History (3)

Accelerated Bachelor's/Master's Option

Students who qualify may apply to take up to nine graduate credits that apply to both this undergraduate degree and the M.A. in Legal and Ethical Studies. Contact the program director for information and see [Accelerated Bachelor's/Master's Option](#).

Law School Automatic Admit Option

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

HISTORY LAW SCHOOL EARLY ENTRY OPTION

Students who qualify complete 93 hours of undergraduate credits and an additional 27 hours of law school credits to attain the 120 credits required for the bachelor's degree. See [Law School Early Entry Option](#) for information about the qualifications and requirements that govern this option.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Information Literacy

Students in the B.A. in History program will meet the University of Baltimore information literacy requirement by successful completion of one of the following:

- HIST 295 The Historian's Toolkit (3)
- INFO 110 Introduction to Information Literacy (3)

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

History Law School Early Entry Option Requirements (24 credits)

Core Courses (9 credits)

- HIST 295 The Historian's Toolkit (3)
HIST 495 Senior Seminar in History (3)
And one of the following legal history courses:
HIST 331 English Law to 1689 (3)
HIST 332 English Law Since 1689 (3)
HIST 340 American Legal History (3)

HIST 434	American Constitutional History (3)
HIST 440	History of Common Law (3)
HIST 438	Great Trials in History (3)
HIST 497	Special Topics in History (3) - only if legal topic is covered here

Major Electives (15 credits)

Any five HIST courses of 300-level or higher with advisement from the program director.

Complete as many courses as necessary from any discipline to fulfill your 93-credit requirement to complete the Law School Early Entry Option.

OPTIONAL SPECIALIZATION IN PUBLIC HISTORY (Optional 15 Credits)

Students majoring in history may choose to complete this specialization in public history, which is the professional application of historical methods, skills, research and presentation in settings outside the classroom. Public historians work in museums, archives, government, historical societies, living history sites, preservation groups, businesses and nonprofit organizations of all kinds, either independently or in partnership with academic institutions.

Students can fulfill this specialization through Topics in American History core courses, major electives and/or general electives; this does not require completion of additional credits beyond those of the history program.

Foundation Requirement (3 credits)

One of the following:

HIST 380	The Chesapeake World (3)
HIST 382	History of Baltimore (3)

Public History Core Requirements (6 credits)

HIST 396	Introduction to Public History (3)
HIST 490	Internship (3)

Specialized Electives (6 credits)

Two courses from the following with advisement from the program director:

HIST 496	Seminar in Public History (highly recommended) (3)
CMAT 369	Digital Video (3)
CMAT 381	Representing Reality: News and Documentary (3)
CMAT 455	Hypermedia (3)
GVPP 300	American Political Institutions (3)
GVPP 322	Bureaucracy and Public Policy (3)
GVPP 326	Urban Politics and Public Policy (3)
GVPP 348	State and Local Government (3)
GVPP 461	Maryland Government Processes and Politics (3)

MGMT 301	Management and Organizational Behavior (3)
MGMT 315	Human Resource Management (3)
MKTG 301	Marketing Management (3)
PSYC 355	Interviewing Psychology (3)
SOCI 302	The American Family in Perspective (3)
SOCI 303	Urban Sociology (3)
WRIT 330	Writing, Editing and Publishing (3)

General Electives

IDIS 101	First-Year Seminar: Introduction to University Learning (3) <i>Freshmen only; transfer students replace this with a different elective</i>
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Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate.

INTEGRATED ARTS, BACHELOR OF ARTS

www.ubalt.edu/integratedarts

Ian Power, program director

FACULTY: Delury, Hoover, Justice, N. Kang, K. Kopelke, Matanle, O'Donnell, Oldenburg, Pointer, Simon, Yarrison, Zeleny

ADJUNCT FACULTY: Bismayer, DeMull, Eide, Lynne, Stroupe

The undergraduate B.A. in Integrated Arts program, administered through the Klein Family School of Communications Design, invites students to experience arts production and performance while studying arts analysis, arts presenting and arts management. Students concentrate in one art that interests them most—whether it be visual art, music, theater, dance, creative writing, filmmaking. When they graduate, students are prepared to work for businesses, nonprofit organizations and government agencies that deal in, represent or interact with artists and the arts—perhaps in addition to managing their own freelance artistic career. Students also are well-prepared for graduate-level study in business and the arts.

Students take courses in arts production and performance; history, appreciation and analysis of the arts; government and business as they relate to the arts; and technology's impact on and importance to the arts. The major allows students opportunities to work with the city's theaters, museums, galleries, musical venues and arts advocacy groups, shadowing and assisting artists, attending exhibits and performances, and interning with artists or arts-related organizations. All integrated arts students are required to complete foundation courses, a senior project and an internship.

ADMISSION REQUIREMENTS

See the See the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Information Literacy

Students in the B.A. in Integrated Arts program will meet the University of Baltimore information literacy requirement by successful completion of:

- IDIS 110 Introduction to Information Literacy (3)

Transfer students should take both ARTS 201 and WRIT 300 to satisfy the information literacy requirement.

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

Integrated Arts Program Requirements (48 credits)

Foundation Requirements (6 credits)

- ARTS 201 The Arts in Society (3)
ARTS 202 Technology and the Arts (3)

Production Classes (9 credits)

Three of the following courses from the same general area of study, or speak with your adviser about alternative options:

- ARTS 397 Topics in Integrated Arts (3)
ARTS 489 Independent Study in Integrated Arts (3)
CMAT 211 Computer Graphics: Publishing (3)
CMAT 212 Computer Graphics: Imaging (3)
CMAT 215 Introduction to Design (3)
CMAT 216 History of Graphic Design (3)
CMAT 357 Principles of Design (3)
CMAT 358 Digital Design (3)
CMAT 364 Digital Photography (3)
CMAT 366 Producing Sound Portraits (3)
CMAT 368 Photojournalism (3)
CMAT 369 Digital Video (3)

CMAT 456	Multimedia Design and Production (3)
CMAT 469	Advanced Audio Video Production (3)
COSC 150	Introduction to Game Design (3)
COSC 155	Internet Technologies: Mastering the Basics (3)
COSC 160	Graphics for Game Design (3)
COSC 260	Introduction to 3-D Graphics (3)
COSC 410	3-D Modeling (3)
COSC 414	Audio in Games (3)
ENGL 334/ CMAT 334	Oral Interpretation of Literature (3)
WRIT 215	Introduction to Creative Writing (3)
WRIT 315	The Art of Memoir (3)
WRIT 318	Creative Writing Workshop: Poetry and Personal Essay (3)
WRIT 319	Creative Writing Workshop: Fiction and Nonfiction (3)
WRIT 363/ CMAT 363	Creative Writing Workshop: Screenwriting (3)
WRIT 401	Publication & Performance (3)

Analysis Classes (9 credits)

Three of the following courses, or speak with your adviser about alternative options:

ARTS 101	Music and Arts as Craft (3)
ARTS 121	World Music (3)
ARTS 397	Topics in Integrated Arts (3)
ARTS 489	Independent Study in Integrated Arts (3)
CMAT 130	Baltimore in the Media (3)
CMAT 231	Decoding Media (3)
CMAT 271	Interpreting Pop Culture (3)
CMAT 333/ ENGL 333	Media Genres (3)
CMAT 475	Media Criticism (3)
COSC 460	Games, Simulations and Society (3)
ENGL 200	The Experience of Literature (3)
ENGL 250	Origins: In Search of Self (3)
ENGL 311	Wells of the Past: Classical Foundations (3)
ENGL 313	Worlds Beyond the West (3)
ENGL 315	The Short Story (3)
ENGL 316	Modern Poetry (3)
ENGL 317	English Fiction: Journey in Experience (3)
ENGL 318	Modern English Fiction: Journey into the Mind (3)
ENGL 319	European Fiction (3)
ENGL 320	Contemporary Literature (3)
ENGL 327	Children's Literature (3)

ENGL 328	Young Adult Literature and Culture (3)
ENGL 332	Literature and Film (3)
ENGL 337	Great Plays from the West and East (3)
ENGL 338	Modern Drama (3)
ENGL 341	American Literature: The Central Years (3)
ENGL 342	Melville, Poe and Whitman: American Voyagers (3)
ENGL 344	American Fiction (3)
ENGL 346	The American Dream (3)
ENGL 348	The Multicultural Americas (3)
ENGL 349	Identities: Explorations in the American Past and Present (3)
ENGL 351	Ancient Myth: Paradigms and Transformations (3)
ENGL 354	Images of Love (3)
ENGL 357	Other Worlds: Fantasy, Science Fiction and Mystery (3)
ENGL 358	Tolkien: Master of Fantasy (3)
ENGL 361	The Hero and the Quest (3)
ENGL 362	Dante, Chaucer and Cervantes: Three Versions of Pilgrimage (3)
ENGL 364	Shakespeare: Kings, Knaves and Fools (3)
ENGL 365	Shakespeare: Love, Myth and Metamorphosis (3)
ENGL 366	Milton, Blake and Yeats: Poet as Prophet (3)
ENGL 371	Changing Woman (3)
ENGL 372	Feminine Realities: In the Context of Their Times (3)
ENGL 374	Austen, the Brontes and Woolf: Rooms of Their Own (3)
ENGL 391	Language as Technology (3)
ENGL 392	The Archaeology of Language (3)
ENGL 395	Narrative Discourse: Cross-Media Comparisons (3)
ENGL 397	Reading Strategies (3)
ENGL 400	Literature in Society (3)
ENGL 421	The Elizabethan Renaissance: In the Green World (3)
ENGL 431	The Metaphysical Moment: From T.S. Eliot to John Donne (3)
ENGL 432	The Age of Reason (3)
ENGL 441	The Romantic Imagination (3)
ENGL 442	The Victorian Paradox (3)
ENGL 450	The Great Moderns (3)
ENGL 498	Seminar in English: The Modern Tradition (3)

Professional Application Classes (9 credits)

Three of the following courses:

ARTS 351	The Business of Being an Artist (3)
ARTS 352	Essentials of Arts Management (3)
ARTS 397	Special Topics in Integrated Arts (3)
ARTS 489	Independent Study in Integrated Arts (3)
CSCE 301	Introduction to Nonprofit Leadership (3)

CSCE 302	Fundamentals of Grant Writing (3)
CSCE 400	Nonprofit Management (3)
ECON 200	The Economic Way of Thinking (3)
ECON 305	Managerial Economics (3)
ENTR 300	The Entrepreneurial Experience (3)
ENTR 320	Opportunity Assessment and Development (3)
FIN 300	Personal Finance (3)
FIN 331	Financial Management (3)
GVPP 320	Public Administration (3)
GVPP 324	American Public Policy (3)
GVPP 463	Interest Group Politics and Lobbying (3)
MGMT 300	Human Resource Management (3)
MGMT 301	Management and Organizational Behavior (3)
	any advanced management course
MKTG 301	Marketing Management (3)
MKTG 415	Marketing Communication (3)
MKTG 460	Advanced Marketing Management (3)

Major Electives (9 credits)

An additional three courses from among the production classes, analysis classes and professional application classes

Capstone Requirements (6 credits)

ARTS 475	Internship (3)
ARTS 476	Senior Seminar (3)

General Electives

IDIS 101	First-Year Seminar: Introduction to University Learning (3)
	<i>Freshmen only; transfer students replace this with a different elective</i>

Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate.

LAW SCHOOL AUTOMATIC ADMIT OPTION

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

INTERDISCIPLINARY STUDIES, BACHELOR OF ARTS

www.ubalt.edu/interdisciplinary

Diedre Badejo, program director

ADVISORY BOARD AND AFFILIATED FACULTY: faculty and staff members across the Yale Gordon College of Arts and Sciences, the College of Public Affairs, and the Merrick School of Business

The B.A. in Interdisciplinary Studies program, the University's DIY major, allows students to create a course of study anchored by three areas of individualized study, including wide-ranging and inventive combinations of academic disciplines. The program is designed for students whose intellectual interests and professional goals are best served by extended study in more than one discipline.

Students construct a cohesive program around themes, topics or areas of concentration not confined to a single discipline, thereby allowing flexibility not found in a standard program.

The program also includes an honors track that allows greater opportunity for students to create an individualized major, working closely with an Interdisciplinary Studies program faculty member throughout the program. Students who graduate from this track attain special recognition at the commencement exercises for having completed honors-level work. Students should consult with the Interdisciplinary Studies and honors program directors for additional information.

Important note: Students should not confuse the Interdisciplinary Studies program with various University course requirements that use the IDIS course code, such as IDIS 301, IDIS 302 and IDIS 304. The interdisciplinary studies major, in contrast, requires IDIS 201 Introduction to Interdisciplinary Studies and IDIS 497 Interdisciplinary Studies Portfolio, then draws on courses across the curriculum. Thus, the IDIS subject code includes interdisciplinary courses that are not specific to the major, some of which serve to meet graduation and General Education requirements.

ADMISSION REQUIREMENTS

See the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Information Literacy

Students in the B.A. in Interdisciplinary Studies program will meet the University of Baltimore information literacy requirement by successful completion of:

- IDIS 110 Introduction to Information Literacy (3)

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

Program Plan Requirement

A degree candidate develops a program plan through coursework requirements for IDIS 201 Introduction to Interdisciplinary Studies. This plan becomes the foundation for creating a unified and cohesive course of study throughout the interdisciplinary studies major. This program plan then becomes the platform for developing a final capstone learning portfolio as part of the coursework for IDIS 497 Interdisciplinary Studies Portfolio.

Interdisciplinary Studies Requirements (42 credits)

IDIS 201 Introduction to Interdisciplinary Studies (3)

Concentration Areas (36 credits)

First concentration area (12 credits minimum/300-level or above)

Second concentration area (12 credits minimum/300-level or above)

Third concentration area (12 credits minimum/300-level or above)

Areas of individualized study may be drawn from any major or minor offered at the University of Baltimore and from disciplines not offered at the University of Baltimore with the approval of the program director. At least one of the three areas of concentration must be an arts and sciences discipline.

Capstone Portfolio (3 credits)

IDIS 497 Interdisciplinary Studies Portfolio (3)

Students in this capstone course practice articulating their individualized major to prospective employers, graduate schools and others by developing resumes, cover letters and a polished portfolio that represents their work as interdisciplinary majors.

General Electives

Students who plan to major in interdisciplinary studies are strongly advised to use these elective credits to fulfill all introductory and premajor requirements in the disciplines that they intend to use as areas of individualized study in their planned Interdisciplinary Studies program. Interdisciplinary studies students must fulfill all prerequisites that apply to courses selected for use in concentration areas (see above).

Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate.

LAW SCHOOL AUTOMATIC ADMIT OPTION

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

JURISPRUDENCE, BACHELOR OF ARTS

www.ubalt.edu/jurisprudence

Josh Kassner and Steven Scalet, program directors

FACULTY: Carney, Cotton, Guy, Kassner, Sawyer, Scalet, Taggart

The B.A. in Jurisprudence program is a selective, interdisciplinary academic program designed for students who are serious about their studies, many of whom go on to law school, graduate school, public service or law-related careers in the private sector. Students in this major examine topics related to law and legal theory through a core set of philosophy classes, as well as history, literature, government and public policy, and other interdisciplinary classes. Students strengthen decision-making, analytic thinking and writing, problem-solving, and leadership skills. This major reflects the commitments of many universities in the U.S. and abroad: to create a flexible and interdisciplinary course of study in the humanities and social sciences that focuses on different aspects of law for students interested in law-related careers. At UB, the jurisprudence major emphasizes an applied liberal arts approach to understanding the law, which also serves as excellent preprofessional preparation for careers in the law and law-related fields. The program is administered by the Philosophy program through the Division of Legal, Ethical and Historical Studies.

Qualified students may seek early admission to the School of Law upon completion of 93 credits through the Law School Early Entry Option, which allows students to begin studying law prior to the completion of the bachelor's degree and to substitute the first year of law school for the senior year of college.

ADMISSION REQUIREMENTS

Jurisprudence is a selective major that grants admission to all qualified applicants. Applicants must meet the University's general admission requirements and the program-specific admission requirement of a cross-institutional cumulative GPA of 3.0 or better. This requirement applies to students admitted under freshman standards and transfer students.

Applicants who do not meet this criterion for admission to the Jurisprudence program but meet requirements for undergraduate admission or for choosing an academic major may select another major. If, between the time of first admission to UB and the successful completion of 72 credits applicable to the degree (including transfer credits), such students raise their cross-institutional cumulative GPA to 3.0, they may petition for a change of major to the Jurisprudence program. See the [Academic Policies](#) section of this catalog.

Transfer students are not required to have majored in any particular field of study or have taken any particular course of study, but all jurisprudence majors must meet any course requirements for the B.A.

in Jurisprudence program as outlined in this catalog with either acceptable transfer credits or credits earned at UB.

Applicants who are interested in the 93-credit Law School Early Entry Option are cautioned to read UB School of Law requirements for this option carefully (see www.ubalt.edu/prelaw) and seek advisement regarding their current standing and progress toward meeting these requirements.

Freshmen and sophomores who are interested in this major should meet with the Jurisprudence program director as part of the transition process to an academic major. Transfer students must meet with the Jurisprudence program director prior to their first registration at UB.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Information Literacy

Students in the B.A. in Jurisprudence program will meet the University of Baltimore information literacy requirement by successful completion of:

- IDIS 110 Introduction to Information Literacy (3)

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

Jurisprudence Program Requirements (57 credits)

Required Courses (12 credits)

JPLA 200	Introduction to Jurisprudence (3)
PHIL 301	Ethics (3)
PHIL 316	Logic of Language (3)
JPLA 498	Capstone Project (3)

Foundational Electives (9 credits)

one 100- or 200-level course in American government

one 100- or 200-level course in American history

one 100- or 200-level course in philosophy

Other courses may be substituted with the permission of the program director.

Students may substitute a paralegal degree for the foundational electives with the permission of the program director.

Advanced Electives (36 credits)

Please contact the Jurisprudence program academic coordinator for the most recent list of courses that satisfy each category, as course options and availability change across years. Courses may also be substituted with the permission of the program director.

English, Writing and Communication (6 credits)

Two of the following:

- CMAT 303 Oral Communication in Business (3)
- ENGL 351 Ancient Myth: Paradigms and Transformations (3)
- ENGL 356 Literature and Law (3)
- ENGL 364 Shakespeare: Kings, Knaves and Fools (3)
- ENGL 365 Shakespeare: Love, Myth and Metamorphosis (3)
- ENGL 432 The Age of Reason (3)
- WRIT 314 Argument and Persuasion (3)

Government and Public Policy (12 credits)

Four of the following:

- GVPP 300 American Political Institutions (3)
- GVPP 340 Constitutional Law (3)
- GVPP 341 Civil Liberties and the Bill of Rights (3)
- GVPP 345 The Legislative Process (3)
- GVPP 381 American Political Thought (3)
- GVPP 382 Political Ideologies (3)
- GVPP 384 Comparative Government (3)
- GVPP 425 Administrative Law and Process (3)
- GVPP 490/491 Internship (3)

History (12 credits)

Four of the following:

- HIST 312 Age of Revolution (3)
- HIST 331 English Law to 1689 (3)
- HIST 332 English Law Since 1689 (3)
- HIST 340 American Legal History (3)
- HIST 377 New South and Civil Rights (3)
- HIST 434 American Constitutional History (3)
- HIST 438 Great Trials in History (3)
- HIST 440 History of Common Law (3)
- HIST 468 American Political History (3)
- HIST 490 Internship (3)
- HIST 492 Independent Study (1–3)

Philosophy (6 credits)

Two of the following:

PHIL 317	Ancient Philosophy (3)
PHIL 319	Modern Philosophy (3)
PHIL 320	20th-Century Philosophy (3)
PHIL 419	Religions in America (3)
PHIL 490	Theories of Justice (3)
PHIL 492	Independent Study (1–6)
PHIL 496	International Law and Morality (3)

These jurisprudence courses may be substituted for any advanced electives:

JPLA 400	Topics (3)
JPLA 496	Internship (3)

General Electives

IDIS 101	First-Year Seminar: Introduction to University Learning (3) <i>Freshmen only; transfer students replace this with a different elective</i>
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Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate.

ACCELERATED BACHELOR'S/MASTER'S OPTION

Students who qualify may apply to take up to nine graduate credits that apply to both this undergraduate degree and the M.A. in Legal and Ethical Studies. Contact the Jurisprudence program academic coordinator for information and see [Accelerated Bachelor's/Master's Option](#).

LAW SCHOOL AUTOMATIC ADMIT OPTION

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

JURISPRUDENCE LAW SCHOOL EARLY ENTRY OPTION

Students who qualify complete 93 hours of undergraduate credits and an additional 27 hours of law school credits to attain the 120 credits required for the bachelor's degree. See [Law School Early Entry Option](#) for information about the qualifications and requirements that govern this option. Please meet with the Jurisprudence program academic coordinator for the major requirements through the early entry option.

PHILOSOPHY, SOCIETY AND APPLIED ETHICS, BACHELOR OF ARTS

www.ubalt.edu/philosophy

Josh Kassner and Steven Scalet, program directors

FACULTY: Cotton, Guy, Kassner, Scalet, Taggart

The B.A. in Philosophy, Society and Applied Ethics program prepares students for lifelong personal fulfillment, civic engagement and professional success through an interdisciplinary curriculum that is grounded in the practical application of philosophical methods and understandings, and is committed to experiential learning. Students in this unique interdisciplinary major enroll in a core of philosophy classes that integrate with courses in another subfield. The major requirements are flexible, tailored to students' interests, and designed to broaden a student's exposure to and engagement with ideas, policy debates and important topics in public life. The major is administered by the Philosophy program through the Division of Legal, Ethical and Historical Studies.

In consultation with a faculty adviser, students majoring in philosophy, society and applied ethics choose one of five tracks: student-designed; philosophy and public affairs; philosophy, economics and business; philosophy, sustainability and the environment; or applied ethics and professional life.

No matter the track, students in the program will encounter coursework that develops:

- **Practical skills** in critical thinking, constructive dialogue and written expression necessary to thrive in a career
- **Enduring questions** from the philosophical tradition tailored to address personal, social and institutional challenges in today's world
- **Lifelong learning** that fits an undergraduate education into a larger life plan.

Students develop critical thinking, analytic writing and problem-solving skills through core philosophy courses that emphasize rigorous analysis and coursework outside the philosophy curriculum for understanding and resolving real-world problems.

Career and graduate school options for students in this major are diverse, depending on the track chosen. Details are provided within track requirements (below).

ADMISSION REQUIREMENTS

See the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Information Literacy

Students can meet the University of Baltimore information literacy requirement by successful completion of any of the following:

- IDIS 110 Introduction to Information Literacy (3)
- PHIL 100 Introduction to Philosophy
- PHIL 140 Contemporary Moral Issues

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

Philosophy, Society and Applied Ethics Program Requirements (36 credits)

Core Requirements (9 credits)

The following nine credits are required for all tracks:

One of the following:

- PHIL 100 Introduction to Philosophy (3)
- PHIL 140 Contemporary Moral Issues (3)
- PHIL 150 Critical Thinking Arguments (3)

One of the following:

- PHIL 280 Environmental Ethics (3)
- PHIL 317 Ancient Philosophy (3)
- PHIL 319 Modern Philosophy (3)
- PHIL 320 20th-Century Philosophy (3)

Required:

- PHIL 499 Capstone in Philosophy, Society and Applied Ethics (3)

The major includes an experiential learning requirement that can be satisfied in one of many ways. See the program director for details. In addition, students complete one of the following tracks.

Student-Designed Track Requirements (27 credits)

The student-designed track allows students to integrate their core study of philosophy with a subfield drawn from any major or minor at the University of Baltimore, under the direction of a faculty adviser. A wide range of career paths is associated with this track, indicated by the careers connected to the relevant subfield. For example, the student-designed track can be well-suited to careers in communications, entrepreneurship, journalism, law, teaching, advocacy work and government, as well as further graduate study.

Required Courses (27 credits)

Five 200- to 400-level philosophy courses, at least one of which must be 400-level (15)

Four electives from a chosen subfield, drawing on any major or minor at UB other than philosophy; student identifies a course of interdisciplinary study approved by program faculty (12)

Philosophy and Public Policy Track Requirements (27 credits)

The track in philosophy and public policy is well-suited for careers in public service or the nonprofit sector. This track also provides training for graduate study in public policy, law, public affairs, political theory or philosophy.

Philosophy Courses Related to Public Policy (9 credits)

Three of the following:

- PHIL 250 Social and Political Philosophy (3)
- PHIL 280 Environmental Ethics (3)
- PHIL 302 Philosophy of Community (3)
- PHIL 490 Theories of Justice (3)
- PHIL 496 International Law and Morality (3)

Required Courses (18 credits)

Two additional 200- to 400-level philosophy courses, at least one of which must be 400-level (6)
Four elective courses in public affairs; must be approved by a faculty adviser in consultation with the College of Public Affairs (12)

Philosophy, Economics and Business Track Requirements (27 credits)

The track in philosophy, economics and business is well-suited for careers in business and management, where strong critical thinking and oral and written communication skills are essential. This track also serves to expand opportunities for professional development within a given career, law school or further graduate study in interdisciplinary graduate programs that combine philosophy, politics and economics.

Philosophy Courses Related to Economics and Business (6 credits)

Two of the following:

- PHIL 250 Social and Political Philosophy (3)
- PHIL 280 Environmental Ethics (3)
- PHIL 490 Theories of Justice (3)

Required Courses (21 credits)

Three additional 200- to 400-level philosophy courses, at least one of which must be 400-level (9)
Four elective courses in business or economics; must be approved by a faculty adviser in consultation with the Merrick School of Business (12)

Philosophy, Sustainability and the Environment Track Requirements (27 credits)

The track in philosophy, sustainability and the environment is well-suited for careers in advocacy for environmental causes, the nonprofit sector or environmentally related businesses.

Philosophy Courses Related to Sustainability and the Environment (9 credits)

Three of the following:

PHIL 250	Social and Political Philosophy (3)
PHIL 309	Eastern Religions (3)
PHIL 419	Religions in America (3)
PHIL 490	Theories of Justice (3)
PHIL 496	International Law and Morality (3)

Required Courses (18 credits)

PHIL 280	Environmental Ethics (3)
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Two additional 200- to 400-level philosophy courses, at least one of which must be 400-level (6)

Three elective courses in sustainability and the environment; must be approved by a faculty adviser in consultation with the B.A. in Environmental Sustainability and Human Ecology program director (9)

Applied Ethics and Professional Life Track Requirements (27 credits)

The track in applied ethics and professional life is well-suited for career advancement in careers where ethics and compliance are of particular importance, including government contracting, finance, accounting and human resource management, among other professions.

Philosophy Courses Related to Ethics and Professional Life (9 credits)

Three of the following:

PHIL 250	Social and Political Philosophy (3)
PHIL 301	Ethics (3)
PHIL 302	Philosophy of Community (3)
PHIL 305	Professional Ethics in Human Services (3)
PHIL 490	Theories of Justice (3)
PHIL 495	Existentialism (3)

Required Courses (18 credits)

Two additional 200- to 400-level philosophy courses, at least one of which must be 400-level (6)

Four elective courses in professional development, other than philosophy courses; must be approved by a faculty adviser in consultation with the philosophy program director (12)

EARLY ENTRY LAW

Many students pursue philosophy degrees as preparation for law school. There is no better major when it comes to performance on the LSAT, the test used as a primary determinant of a prospective student's candidacy for law school. The University of Baltimore offers a unique opportunity for undergraduate students at UB. Qualified students may seek early admission to the School of Law upon completion of 93 credits through the Law School Early Entry Option, which allows students to begin studying law prior to the completion of the bachelor's degree and to substitute the first year of law school for the senior year of college. Philosophy, Society and Applied Ethics program students interested in the early entry program should speak with their academic adviser(s) about this option and which track best suits them.

PSYCHOLOGY, BACHELOR OF ARTS

www.ubalt.edu/psychology

Sally Farley, program director

FACULTY: Donahue, Eysell, Farley, Frederick, Gasparini, Gasser, Glazer, Mitchell, Shaffer, Thompson

ADJUNCT FACULTY: Harvey, Mowrer

The B.A. in Psychology program is housed in the Division of Applied Behavioral Sciences. The program provides students with broad exposure to the theoretical, methodological, quantitative and applied aspects of psychology. The program enables students to prepare for admission to graduate school and build skills necessary for careers in psychology and related fields. Faculty members have a wide variety of research interests and professional skills in counseling, behavioral neuroscience, social psychology, cognitive psychology, industrial/organizational psychology, and research methods and data analysis. As part of the program, all students complete a signature capstone experience under the direction of a faculty member, either an in-depth, student-generated research project or a psychology-based internship. In addition, undergraduate students and faculty members frequently engage in collaborative research teams in the Wagman Applied Psychology Laboratory. The undergraduate program sponsors a local chapter of Psi Chi, the international honor society in psychology.

ADMISSION REQUIREMENTS

See the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

A maximum of 12 credits may be transferred to UB as meeting major requirements or major electives. The program director will evaluate and determine applicable coursework.

Information Literacy

Students in the B.A. in Psychology program will meet the University of Baltimore information literacy requirement by successful completion of one of the following:

- IDIS 110 Introduction to Information Literacy (3)
- PSYC 200 Introduction to Professional Practices (3)
- PSYC 308 Research Methods and Statistics I (3)
- PSYC 309 Research Methods and Statistics II (3)

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate

information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

For this major, the preferred General Education course to satisfy one of the two social and behavioral sciences requirements is PSYC 100 Introduction to Psychology.

Psychology Program Requirements (45 credits)

Major Requirements (6 credits)

PSYC 100	Introduction to Psychology (3)
PSYC 200	Introduction to Professional Practices (3)

Behavioral Science Core (12 credits)

PSCY 300	History and Systems of Psychology (3)
PSYC 308	Research Methods and Statistics I (3)*
PSYC 309	Research Methods and Statistics II (3)*
PSYC 490	Senior Project in Psychology (3)**

* Must be taken sequentially.

** Requires successful completion of all other courses in the Behavioral Science Core.

Distributive Psychology Requirement (12 credits)

Two courses in one of these areas, and one course in each of the remaining areas:

Psychology as a Social Science

PSYC 210	Interpersonal Psychology (3)
PSYC 250	Social Psychology (3)
PSYC 260	Psychology of Religion and Spirituality (3)
PSYC 335	Theories of Personality (3)
PSYC 360	Cross-Cultural Psychology (3)
PSYC 365	Psychology of Gender (3)

Psychology as a Natural Science

PSYC 205	Human Development (3)
PSYC 345	Cognitive Psychology (3)
PSYC 415	Evolutionary Psychology (3)
PSYC 425	Sensation and Perception (3)
PSYC 430	Physiological Psychology (3)

Applied Psychology

PSYC 320	Industrial and Organizational Psychology (3)
PSYC 325	Forensic Psychology (3)

PSYC 330	Health Psychology (3)
PSYC 340	Counseling Psychology (3)
PSYC 380	Community Psychology (3)

Major Electives (15 credits)

At least five additional PYSC courses selected from the three distributive psychology areas above and/or from the following list of courses (or other courses approved by the program director and division chair), at least three credits of which must be earned in 400-level courses.

PSYC 215	Human Sexuality (3)
PSYC 220	Stress Identification and Management (3)
PYSC 230	Behavior Modification in Applied Settings (3)
PSYC 240	Educational Psychology (3)
PSYC 270	Positive Psychology (3)
PSYC 297	Topics in Psychology
PSYC 315	Motivation (3)
PSYC 350	Abnormal Psychology (3)
PSYC 355	Interviewing Psychology (3)
PSYC 370	Psycholinguistics (3)
PSYC 375	Environmental Psychology (3)
PSYC 400	Theories of Learning
PSYC 403	Training and Development (3)
PSYC 404	Organizational Consulting (3)
PSYC 405	Tests and Measurements (3)
PSYC 413	Psychopathology (3)
PSYC 493	Honors Seminar (3)
PSYC 494	Honors Project (3–6)
PSYC 497	Topics in Psychology (3)
PSYC 499	Special Projects in Psychology (1–3)

General Electives

IDIS 101	First-Year Seminar: Introduction to University Learning (3) <i>Freshmen only; transfer students replace this with a different elective</i>
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Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate.

ACCELERATED BACHELOR'S/MASTER'S OPTION

Students who qualify may apply to take up to nine graduate credits that apply to both this undergraduate degree and the M.S. in Applied Psychology. Contact the program director for information and see [Accelerated Bachelor's/Master's Option](#).

LAW SCHOOL AUTOMATIC ADMIT OPTION

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

SIMULATION AND GAME DESIGN, BACHELOR OF SCIENCE

<http://www.ubalt.edu/gamesdesign>

This transfer program is also offered on weekdays at the Universities at Shady Grove.

Aaron Oldenburg, program director

FACULTY: Blodgett, Cahn, Harper, Oldenburg, Shrestha, Summers, Walsh

ADJUNCT FACULTY: Coughlin, Falcone, Hill, McDonough, Owens, Pizza, Sauchuk, Satzinger, Schall, Thomas

The B.S. in Simulation and Game Design program is offered through the Division of Science, Information Arts and Technologies. This program allows students with a strong interest in interactive software to refine their skills and understanding while they prepare for a range of career opportunities. Coursework focuses on the design and development of games, both for entertainment and learning. Students participate in development teams, building interactive software for education, training and research, as well as for the game industry. They also choose from one of two tracks to specialize in industry areas, fostering key roles in team projects. Along the way, they acquire a foundation for further study in areas such as applied information technology.

Tracks from which students can choose include:

- **Technical Art:** For those who want to build their skill sets with 3-D modeling and animation, and with integrating them into game engines, this track prepares students to become technical artists who work with programmers and artists. The track focuses on higher-level 3-D skills and requires visual artistic talent.
- **Level Design:** This area of specialization is ideal for students who want to improve their scripting and logic in preparation for careers as level designers, who create the interactive architecture for segments of a game.

FACILITIES

The Division of Science, Information Arts and Technologies maintains several computer labs supporting programming, network administration, information security, 3-D graphics and computer game development for game consoles, desktop and laptop computers, and mobile devices.

ADMISSION REQUIREMENTS

Students applying to the program at the Universities at Shady Grove must have a minimum of 60 transferable credits. For more information, see the [Admission](#) section of this catalog.

DEGREE REQUIREMENTS

In addition to fulfilling the requirements of the major, all bachelor's degree candidates are required to fulfill the collegewide degree requirements outlined under [Yale Gordon College of Arts and Sciences, Academic Policies and Information](#).

Information Literacy

Students in the B.S. in Simulation and Digital Entertainment program will meet the University of Baltimore information literacy requirement by successful completion of one of the following:

- COSC 324 Designing for Humans (3)
- INFO 110 Introduction to Information Literacy (3)

If you have not completed an articulated program at one of the state's community colleges, you must meet the University's general requirements for transfer and satisfy the following course requirements:

- A college-level course in introductory game design theory and application (COSC 150 Introduction to Game Design)
- A college-level course in standard publishing technologies for the web, such as HTML/CSS (COSC 155 Internet Technologies: Mastering the Basics)
- A college-level course in 2-D graphics or digital imaging (COSC 160 Graphics for Game Design or CMAT 212 Computer Graphics: Imaging)
- A college-level course in scripting for interaction design (COSC 250 Game Scripting)
- A college-level course in 3-D modeling and/or animation (COSC 260 Introduction to 3D Graphics)

These prerequisite requirements can be met by courses at the University of Baltimore but are not offered at the Universities at Shady Grove. If you are applying to the program at Universities at Shady Grove, you must have a minimum of 60 transferable credits and satisfy these prerequisites *before* enrolling in UB classes.

General Education Requirements (43 credits)

In the face of pressing economic and social challenges, it is critical that University of Baltimore graduates be able to communicate effectively in many different modes; gather, synthesize and critically evaluate information; make ethical and evidence-based decisions within real-world contexts; understand systems and think systemically; and negotiate divergent and competing perspectives.

See the [University-Wide Degree Requirements](#) for details regarding General Education requirements at the University of Baltimore.

For this major, the preferred General Education course to satisfy the mathematics requirement is MATH 111 College Algebra.

Simulation and Digital Entertainment Program Requirements (48 credits)

Core Courses (33 credits)

COSC 150	Introduction to Game Design (3)
COSC 155	Internet Technologies: Mastering the Basics (3)
COSC 160	Graphics for Game Design (3)*
COSC 250	Game Scripting (3)
COSC 260	Introduction to 3-D Graphics (3)
COSC 315	Programming for Interactive Design (3)**
COSC 320	Game Concept and Design (3)
COSC 324	Designing for Humans (3)
COSC 405	The Business of Game Development (3)
COSC 440	Frontiers of Game Design (3)

* CMAT 212 Computer Graphics: Imaging may substitute as an equivalent course.

** Transfer students who have taken a college course in C++ programming or an equivalent course in object-oriented programming may substitute COSC 351 Object-Oriented Programming, a course in the Java programming language.

One of the following Games Criticism courses:

COSC 390	Game Journalism
COSC 402	Interactive Narrative
COSC 407	Social Media and Games
COSC 408	History of Video Games

One of the following Serious Games courses:

COSC 330	Games for Learning
COSC 477	Community-focused Game Design

Content Tracks (15 credits)

Students complete one of the following tracks.

Technical Art

COSC 370	Level Design (3)
COSC 410	3-D Modeling (3)
COSC 420	3-D Production (3)
COSC 469	Game Development Project I (3)
COSC 470	Game Development Project II (3)

Level Design

COSC 351	Object-Oriented Programming (3)
COSC 370	Level Design (3)
COSC 418	Design of Multiplayer Games (3)

COSC 469 Game Development Project I (3)
COSC 470 Game Development Project II (3)

General Electives (30 credits)

IDIS 101 First-Year Seminar: Introduction to University Learning (3)
Freshmen only; transfer students replace this with a different elective

Complete as many courses as necessary from any discipline to fulfill your 120-credit requirement to graduate.

ACCELERATED BACHELOR'S/MASTER'S OPTION

Students who qualify may apply to take up to nine graduate credits that apply to both this undergraduate degree and the M.S. in Interaction Design and Information Architecture. Contact the program director for information and see [Accelerated Bachelor's/Master's Option](#).

LAW SCHOOL AUTOMATIC ADMIT OPTION

Qualified graduates of all UB undergraduate programs can be automatically admitted to the UB School of Law following their graduation through the University's automatic admit option. For more information, see [Law School Automatic Admit Option](#).

Academic Minors

APPLIED RHETORIC, MINOR (15 credits)

Stephen Matanle, faculty contact

This minor is a perfect fit for you if you're preparing for law school or are in such majors as jurisprudence and criminal justice. This minor is ideal for students interested in developing the close reading and communication skills needed for professions in law, communication and business.

Requirements and Guidelines

- This minor requires you to have completed at least 24 credits with a minimum cumulative grade-point average of 2.0.
- You may use a maximum of six credits to satisfy both major (degree) and minor requirements.
- You must earn at least a C (2.0) in each course you apply to the minor.

Applied Rhetoric Course Requirements (15 credits total)

ENGL392 The Archaeology of Language (3)

ENGL395 Understanding Narrative (3)

One of the following:

CMAT342 The Rhetoric of Digital Communication (3)

CMAT352 Media Literacy (3)

CMAT371 Mass Media and Society (3)

Two of the following:

ENGL331 Popular Genres (3)

ENGL333 Media Genres (3)

ENGL356 Literature and Law (3)

ENGL400 Literature in Society (3)

ENGL321 Argument and Persuasion (3)

ENGL330 Legal Writing and Rhetoric (3)

CREATIVE WRITING, MINOR (15 credits)

Stephen Matanle, faculty contact

Cultivate a creative life while you focus on your career-oriented major. This minor allows you to produce original works of fiction, nonfiction, poetry and other genres as you develop your imagination and hone your writing, editorial and analytical skills.

Requirements and Guidelines

- This minor requires you to have completed at least 24 credits with a minimum cumulative grade-point average of 2.0.
- You may use a maximum of six credits to satisfy both major (degree) and minor requirements.
- You must earn at least a C (2.0) in each course you apply to the minor.

Minor Requirement (3 credits)

WRIT 215 Introduction to Creative Writing (3)

Two of the following (6):

ENGL 315 The Short Story (3)
ENGL 316 Modern Poetry (3)
ENGL317 The Novel (3)
ENGL 320 Contemporary Literature (3)
ENGL332 Literature and Film (3)
ENGL338 Modern Drama (3)

Three of the following (9):

ENGL363 Creative Writing Workshop: Screenwriting (3)
ENGL387 Creative Writing Workshop: Memoir (3)
ENGL386 Creative Writing Workshop: Creative Journalism (3)
ENGL382 Creative Writing Workshop: Poetry (3)
ENGL383 Creative Writing Workshop: Fiction (3)
ENGL 385 Creative Writing Workshop: Playwriting (3)
ENGL388 Creative Writing Workshop: Special Topics (3)

HISTORY MINOR (15 credits)

Complete at least 15 credits of history courses with a minimum cumulative grade-point average of 2.0. Students may use a maximum of six credits to satisfy both major (degree) and minor requirements. Transfer students may transfer as many as six credits into the minor but must take a minimum of nine credits toward the minor at UB. Students must earn at least a C (2.0) in each course they apply to the minor.

History Minor Requirements (15 credits)

History core requirement (3 credits):

HIST 295 The Historian's Toolkit (3)

Choose two of the following (6 credits):

HIST 101 World History to 1500 (3)
HIS 102 World History Since 1500 (3)
HIST 111 Early America (3)

HIST 112	Modern America (3)
HIST 121	World History of Art to 1500 (3)
HIST 122	World History of Art From 1500 (3)
HIST 197	Conflicts in History (3)

Complete both of the following (6 credits):

one 200-level or higher HIST course (must be 3 credits)

one 400-level or higher HIST course (must be 3 credits)

History majors are not eligible for this minor.

LITERATURE AND CULTURE MINOR (15 credits)

Stephen Matanle, faculty contact

Take time away from your textbooks for great literature. Supplement your major by developing strong reading and analytical skills while also engaging with a variety of interesting and challenging literary works.

Requirements and Guidelines

- This minor requires you to have completed at least 24 credits with a minimum cumulative grade-point average of 2.0.
- You may use a maximum of six credits to satisfy both major (degree) and minor requirements.
- You must earn at least a C (2.0) in each course you apply to the minor.

Minor Requirement (3)

ENGL397 Literary Theory and Interpretation (3)

Two of the following period and context courses (6):

ENGL 311 Wells of the Past: Classical Foundations (3)

ENGL341 American Literature to 1900 (3)

ENGL 342 Melville, Poe and Whitman: American Voyagers (3)

ENGL344 American Literature Since 1900 (3)

ENGL346 The American Dream (3)

ENGL360 Major Authors (3)

ENGL 361 The Hero and the Quest (3)

ENGL 362 Dante, Chaucer and Cervantes: Three Versions of Pilgrimage (3)

ENGL 366 Milton, Blake and Yeats: Poet as Prophet (3)

ENGL 374 Austen, the Brontes and Woolf: Rooms of Their Own (3)

ENGL 400 Literature in Society (3)

ENGL 421 The Elizabethan Renaissance: In the Green World (3)

ENGL 431 The Metaphysical Moment: From T.S. Eliot to John Donne (3)

ENGL 432	The Age of Reason (3)
ENGL 441	The Romantic Imagination (3)
ENGL 442	The Victorian Paradox (3)
ENGL 450	The Great Moderns (3)

Electives (6)

Two 300- or 400-level ENGL courses (WRIT/writing courses may not be used)

MOBILE APPLICATION DEVELOPMENT MINOR

Giovanni Vincenti, faculty contact

The importance our phones and tablets play in our daily lives is increasing exponentially every year. This minor will give you the foundations in programming that are essential to developing mobile applications for smartphones and tablets, preparing you to thrive in today's technology-driven job market. You will work with Java-based technologies to create Android applications, learning skills that can easily and quickly be ported to other platforms, such as Android and iOS.

Course Code

Computer science (COSC). Descriptions and prerequisites for individual courses are detailed in the online course descriptions, found at www.ubalt.edu/coursedescriptions.

Requirements

Applied information technology majors are not eligible for this minor.

Minor Requirements (15 credits)

COSC 151	Computer Programming I (3)
COSC 251	Computer Programming II (3)
COSC 324	Designing for Humans (3)
COSC 351	Object-Oriented Programming (3)
COSC 457	Mobile Application Development (3)

PHILOSOPHY, MINOR

Josh Kassner and Steven Scalet, faculty contacts

Toni Martsoukos, academic coordinator

Philosophy courses are excellent preparation for law, business and many other professions. These courses develop analytic thinking, clear and concise writing, strong communication skills, and openness to different ways of looking at the world—all of which help students become more successful in their careers, no matter the field. Students are exposed to civil discourse; write about important local, national and global ideas; and study great works of philosophy and social science. Classes emphasize

dynamic interaction for addressing big questions, such as, “What sort of life should I seek? What makes laws and a social system just or unjust? Are there reasoned ways to sort through the most fundamental questions that matter to me most?” The philosophy minor can integrate with any major on campus, encouraging both depth and practical applications related to your major area of study.

The philosophy minor is administered by the Philosophy program through the Division of Legal, Ethical and Historical Studies. This program also administers the related major in philosophy, society and applied ethics, which allows students additional study of philosophy while choosing a track in a subfield outside of philosophy. The program also administers the jurisprudence major with degree requirements that have significant crossover with the philosophy minor.

Minor Requirements (15 credits)

Required Courses (6 credits)

One of the following:

- | | |
|----------|-------------------------------------|
| PHIL 101 | Introduction to Philosophy (3) |
| PHIL 140 | Contemporary Moral Issues (3) |
| PHIL 150 | Critical Thinking and Arguments (3) |

One of the following:

- | | |
|----------|-----------------------------|
| PHIL 317 | Ancient Philosophy (3) |
| PHIL 319 | Modern Philosophy (3) |
| PHIL 320 | 20th-Century Philosophy (3) |

Electives (9 credits)

Students complete three philosophy elective courses at the 200 level or higher. Only one of which can be a 200 level course, and one **must** be a 400 level course.

In addition, students must earn, across the courses that make up their minor (required and elective), at least nine credits toward the minor with courses at the 300 or 400 level.

POPULAR CULTURE, MINOR

Julie Simon, faculty contact

Students are immersed in rapidly evolving, far-reaching expressions of shared cultures. The construction of self, groups, popular icons and culturally significant phrases are but a tweet away, and the ease with which these media can be engaged does not diminish their social impact. Through this minor, students learn to read, interpret, critique and utilize various media to become more savvy consumers of popular culture. They examine a variety of media—from print, film and television to popular music and video games—that focus on representations of historical figures and events, families, racial and ethnic groups, and political issues. Along the way, they learn about the historical, social, business and governmental

forces that affect popular culture, as well as the psychological motivations for embracing or rejecting aspects of popular culture.

Minor Requirements

Digital communication majors are not eligible for this minor.

Minor Requirements (18 credits)

CMAT 271 Interpreting Pop Culture (3)

CMAT 352 Media Literacy (3)

One of the following:

ARTS 230 The Art of Film (3)

CMAT 231 Decoding Media (3)

ENGL 332 Literature and Film (3)

One of the following:

CMAT 371 Mass Media and Society (3)

CMAT 381 Representing Reality: News and Documentary (3)

One of the following:

CMAT 333/

ENGL 333 Media Genres (3)

CMAT 363/

ENGL 363 Creative Writing Workshop: Screenwriting (3)

COSC 460 Games, Simulations and Society (3)

ENGL 346 The American Dream (3)

ENGL 392 The Archaeology of Language (3)

GVPP 362 Media and Government (3)

HIST 390 Film and History (3)

WRIT 211 Popular Writing (3)

Special topics courses, as appropriate

PROFESSIONAL WRITING MINOR (15 credits)

Stephen Matanle, faculty contact

Perfect your writing for whatever career you choose. This minor allows you to supplement your major by developing strong communications and writing skills in a range of media and genres.

Requirements and Guidelines

- This minor requires you to have completed at least 24 credits with a minimum cumulative grade-point average of 2.0.
- You may use a maximum of six credits to satisfy both major (degree) and minor requirements.
- You must earn at least a C (2.0) in each course you apply to the minor.

Minor Requirements (6)

ENGL323	Writing, Editing and Publishing (3)
ENGL390	Syntax, Semantics and Style (3)

Three of the following (9):

CMAT211	Computer Graphics: Publishing (3)
CMAT374	Magazine Design (3)
ENGL321	Argument and Persuasion (3)
ENGL386	Creative Writing Workshop: Creative Journalism
ENGL322	Techniques of Popularization (3)
ENGL324	Public Relations Writing (3)
ENGL325	Introduction to Journalism (3)
ENGL326	Writing for Digital Media (3)
ENGL402	Copy Editing and Document Design (3)

SECURITY AND NETWORK ADMINISTRATION MINOR

Giovanni Vincenti, faculty contact

Information technology is the application of computing and communication technologies in industry, government, business and entertainment, and it is now a vital part of any organization. In the 21st century, organizations rely heavily on those who can use IT applications software competently and professionally.

As the interconnection of global information networks expands, this interdisciplinary minor in computing, communication networks, computer system administration and security technologies provides students with theoretical and practical foundations in networking, computer system administration and security scenarios.

Upon completing this minor, students are prepared, with additional review, to pursue A+ and Network+ industry certifications. Actual certification would require successful completion of the certification examinations.

Course Code

Computer science (COSC). Descriptions and prerequisites for individual courses are detailed in the online course descriptions, found at www.ubalt.edu/coursedescriptions.

Minor Requirements

Applied information technology majors are not eligible for this minor.

Minor Requirements (18 credits)

Required Courses (12 credits)

COSC 210	Computer Hardware/Software Support (3)
COSC 310	Fundamentals of Computer Networks (3)
COSC 332	Fundamentals of Computer Security (3)
COSC 430	Legal Issues in High Technology Crime (3)

Electives (6 credits)

Two of the following:

COSC 312	Administering and Supporting a Network Operating System (3)
COSC 401	The TCP/IP Protocol Suite (3)
COSC 432	Information Assurance (3)
COSC 433	Network Security (3)
COSC 435	Digital Forensics for Information Technology (3)

WEB DEVELOPMENT MINOR

Giovanni Vincenti, faculty contact

In a society driven by internet-based technologies, the ability to create and maintain websites is essential in any domain. This minor will give students the foundations in programming that are essential to professional excellence all around the world. Topics discussed will include HTML, JavaScript, CSS, PHP, Python, Java and MySQL, giving students skills in the most popular programming technologies in today's economy.

Course Code

Computer science (COSC). Descriptions and prerequisites for individual courses are detailed in the online course descriptions, found at www.ubalt.edu/coursedescriptions.

Minor Requirements

Applied information technology majors are not eligible for this minor.

Minor Requirements (18 credits)

COSC 151	Computer Programming I (3)
COSC 155	Internet Technologies: Mastering the Basics (3)
COSC 251	Computer Programming II (3)
COSC 324	Designing for Humans (3)
COSC 351	Object-Oriented Programming (3)

COSC 453 Advanced Web Development (3)

Course Descriptions

Courses designated with an asterisk (*) are not offered regularly. Please check with the adviser or the division director/chair before making course selections.

Identifying General Education Courses

In the online [Course Descriptions](#), each course that may be used to satisfy a General Education requirement is designated using the following coding system (codes are in [**BOLD**]):

WRIT English Composition

MATH Mathematics

Arts and Humanities

ENGL Literature

CMAT Oral Communication

HIPL History or Philosophy

ART Fine Arts

SOSC Social and Behavioral Sciences

GSCI Biological and Physical Sciences

For further information about the University's General Education, see the [University-Wide Degree Requirements](#) section of this catalog as well as the description of your degree program.

Other courses may have been designated as meeting General Education requirements since the printing of this catalog; please contact your academic adviser for more information.