

YALE GORDON COLLEGE OF ARTS AND SCIENCES

Christine Spencer, dean

Ronald Castanzo, associate dean

ubalt.edu/cas

INNOVATION, DISCOVERY AND ENRICHMENT

The Yale Gordon College of Arts and Sciences awards bachelor's, master's and doctoral degrees, and postbaccalaureate and master's certificates that encourage innovation and discovery, and enrich the intellectual lives of the college's students and faculty. 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 are 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 the college's academic programs and ensures the competitiveness of its students and graduates in the workplace and beyond.

As a public institution, the college recognizes its responsibility to the state and 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

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

Sharon Glazer, program director, Certificate in Global Industrial and Organizational Psychology

Educating students for life and for 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. The division also offers a graduate program leading to a degree in applied psychology, with concentrations in counseling psychology (offering practitioner and science specializations) and industrial/organizational psychology. Additionally, the division offers a certificate program in professional counseling studies, which prepares students for Maryland and national licensure as licensed clinical professional counselors (LCPCs), as well as a post-master's certificate in global industrial and organizational psychology.

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

Michele Cotton, division chair and program director, M.A. in Legal 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 students undergraduate programs leading to degrees in history; philosophy, law and ethics; and legal studies, and a graduate program leading to a degree in legal studies. Special emphasis is given to the study of ideas and ethics, and 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**

Bridget Blodgett, division chair

Kathryn Summers, program director, M.S. in Interaction Design and Information Architecture and certificates in Digital Media Production, Library Technologies and User Experience (UX) Design

Greg Walsh, program director, D.S. in Information and Interaction Design

Focusing on three of the increasingly important science, technology and mathematics disciplines and meeting the work force 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 include information technology; usability studies; system development; game, simulation and interaction design; environmental studies encompassing science, ethics and politics; and 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 game design. 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 and library technologies.

- **Klein Family School of Communications Design**

Stephanie Gibson, division chair

Betsy Boyd, program director, M.F.A. in Creative Writing & Publishing Arts

Megan Rhee, program director, M.F.A. in Integrated Design, M.A. in Integrated Design and Certificate in Digital Communication

Making ideas public—that is how the Klein Family School of Communications Design defines its mission. Its programs start conversations: between creativity and pragmatism, between traditional humanities and our technology-focused world, between the practical and the ideal. The school promotes learning as both a key to and a function of life, with programs that explore the connection between art and commerce, words and images, and old and new media. The division offers undergraduate degrees in digital communication, integrated arts, English and interdisciplinary studies. Graduate degrees include an M.A. in Integrated Design, an M.F.A. in Creative Writing & Publishing Arts, an M.F.A. in Integrated Design and a Certificate in Digital Communication.

STUDENTS

The approximately 1,000 men and women enrolled in the Yale Gordon College of Arts and Sciences—about one-third of them in graduate programs—represent about one-quarter of the total University of Baltimore student population.

Nearly 47 percent of graduate students enrolled in the Yale Gordon College of Arts and Sciences are 30 or older, and more than 72 percent are women. While some of the college's graduate students entered master's degree programs immediately following their undergraduate studies, most are already working in a wide variety of careers. 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.

FACULTY

Yale Gordon 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, including government, the arts, nonprofit organizations and businesses. These adjunct faculty members contribute in significant ways to creating and advancing professional applications of the arts and sciences.

FACILITIES

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

A gift of William Wagman, psychology professor emeritus, 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, and audio/video studio production and postproduction editing. Laboratories include high-end Mac 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 multiroom 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 faculty and student research projects. The information security lab provides students with access to networking hardware, including network switches, firewalls, intrusion detection systems and virtual private network (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 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.

GRADUATE PROGRAMS

Doctoral Program

- Information and Interaction Design (D.S.)

Master's Programs

- Applied Psychology (M.S. with concentrations in counseling psychology and in industrial and organizational psychology)
- Creative Writing & Publishing Arts (M.F.A.)

- Integrated Design (M.A.)
- Integrated Design (M.F.A.)
- Interaction Design and Information Architecture (M.S.)
- Legal Studies (M.A.)

Graduate Certificate Programs

- Digital Communication
- Digital Media Production, *suspended (not accepting new applicants)*
- Global Industrial and Organizational Psychology
- Library Technologies, *suspended (not accepting new applicants)*
- Professional Counseling Studies
- User Experience (UX) Design

The graduate programs in the Yale Gordon College of Arts and Sciences, emphasizing the combination of theory and practice, are designed to advance and forge professional applications of the liberal arts. They are founded on the idea that professional studies at the graduate level must be broad-based and rooted in the liberal arts to prepare students for a constantly changing world. These programs are also skills specific to provide students with the mastery of knowledge necessary for superior professional performance.

The Yale Gordon College of Arts and Sciences also encourages students to develop specializations that combine elements of two or more master's programs. Students in the Applied Psychology, Legal and Ethical Studies, Information and Interaction Design, Interaction Design and Information Architecture, and Integrated Design programs take cross-disciplinary courses in such diverse fields as negotiations and conflict management, government and public administration, criminal justice, and business. Such combinations offer an exceptionally broad range of opportunities, and the college continues to develop formal specializations that cross and integrate the academic divisions.

ADMISSION

Applicants to all programs must have received a bachelor's degree from a regionally accredited college or university and must satisfy the additional admission requirements of individual programs. Some programs admit degree-seeking students on a conditional basis. For more information, see the [Admission](#) section of this catalog.

Some undergraduate students in the Yale Gordon College of Arts and Sciences may participate in accelerated bachelor's/master's programs or take graduate courses. See the [University of Baltimore Undergraduate Catalog](#) for more information.

Note: Applicants to doctoral and dual-degree programs are subject to the specific admission requirements of those programs, as noted in their program descriptions.

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 9 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 and their adviser.

To qualify for an accelerated pathway at UB, students must have an undergraduate grade point average of at least 3.5, with at least 15 credits earned at UB, and be admissible to the graduate program to which they are applying for the accelerated option. The undergraduate GPA is calculated using all graded collegiate credits attempted at UB and other institutions over the past five years. At least 15 credits must be upper-division credits (300-level or above). Individual programs may require a certain number of credits to be upper-division credits in the major and for those credits to achieve a certain grade point average. Students should apply for the accelerated option prior to beginning the last 30 credits of their bachelor's degree so that if accepted, they may attempt the graduate credits during the last 30 credits of that degree. Students may not apply before they have successfully completed at least 75 credits, and the grade point average for acceptance will not be calculated until at least 87 credits have been completed. Students interested in an accelerated option should consult with an adviser as soon as possible. Permission of the undergraduate and graduate program directors and of the dean of the college (or designee) will be required as part of admission application to the accelerated pathway (the application is on the UB website).

Students admitted to the accelerated option may earn up to 9 graduate credits within the last 30 credits of the bachelor's degree that may be applied to both the student's bachelor's and master's degrees if the student remains [continuously](#) enrolled. Students taking advantage of this accelerated option may register for up to 9 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. The student must maintain a 3.5 grade point average in undergraduate courses and earn at least a 3.0 in the graduate courses to remain in the pathway. Programs may opt not to accept course credits toward the graduate degree if the student did not earn at least a 3.0 in the course.

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.

ACADEMIC POLICIES AND INFORMATION

Transfer Credits

A maximum of 12 relevant graduate credits may be transferred from another program or regionally accredited college or university toward the graduate or doctoral degree, subject to the approval of the program director. Certain programs permit fewer than 12 credits as noted in their descriptions.

Completion Time

All requirements for the degree must be completed within seven calendar years of enrollment in the program.

Scholastic Standards

Graduate students must maintain an overall grade point average of 3.0. Students failing to do so may be placed on probation, suspended or dismissed from the degree program.

Students whose cumulative grade point average (calculated only from courses taken at the University of Baltimore) drops below 3.0 shall be placed on academic probation and must meet with the program director for schedule approval prior to registration for the next semester. Students on academic probation will be suspended from the program if they fail to achieve a minimum grade point average of 3.0 within their subsequent 6 academic credits attempted.

Certain programs have additional academic standards, as noted in their descriptions. More information about academic policies is available in the [Academic Policies](#) section of this catalog.

ADVISEMENT NOTICES

Students are advised that any deviation from the program of study, as stated in the catalog, must be approved in writing by the graduate program director and the dean of the Yale Gordon College of Arts and Sciences. When applying for readmission following a period of absence of more than two semesters from the University, a student's program of study must be reviewed by the graduate program director. See also the [Advising](#) section of this catalog.

Programs Offered by the Division of Applied Behavioral Sciences

MASTER OF SCIENCE IN APPLIED PSYCHOLOGY

ubalt.edu/appliedpsychology

Courtney Gasser, program director, counseling psychology

Thomas Mitchell, program director, industrial and organizational psychology

FACULTY: Donahue, Farley, Frederick, Gasser, Glazer, Mitchell, Shaffer, Soheilian, Tedone

ADJUNCT FACULTY: Crisafulli, Lasson, Leeds, Passley, Travaglini, Walther, Whitten

Blending the theoretical and practical implications of psychological methods, the M.S. in Applied Psychology program curriculum explores the ways in which psychological concepts can be employed in any workplace through dynamic, hands-on coursework. It is also a great fit for those interested in

preparing for a doctoral program. Students select from one of two concentrations—counseling psychology or industrial and organizational psychology—to develop specialized skills to meet their individual educational and career goals.

The M.S. in Applied Psychology program prepares students for careers in counseling or industrial/organizational psychology, or for doctoral studies in these fields. The state-of-the-art curriculum provides grounding in psychological theory, research knowledge and skills, ethics, multicultural competencies and evidence-based practices. Principles drawn from biological, cognitive and behavioral psychology are learned and applied in in-class and hybrid course instruction, independent studies, participation in faculty research, international coursework, theses, and supervised, hands-on experience in practica and internships.

COUNSELING PSYCHOLOGY

The 48-credit counseling psychology concentration offers preparation for licensure and certification as a professional counselor or for doctoral study in clinical or counseling psychology. It includes the eight content areas tested in the National Counselor Exam, which is required for licensure as a licensed professional counselor in Maryland and many other states. Through UB's participation in a special program, students can take the exam at UB as a master's student after completing as few as 39 to 45 credits (as opposed to the otherwise required 60). While in this program, students also begin accumulating the hours of supervised psychotherapy experience required by Maryland to become LCPCs. This concentration is ideally paired with UB's post-master's Certificate in Professional Counseling Studies, which allows students to complete the 60 credits of graduate study necessary for state licensure. Graduates find employment in hospitals, mental health clinics, substance abuse treatment centers and private practices. Others go on to Ph.D. or Psy.D. programs in counseling or clinical psychology.

The counseling psychology concentration also offers two 48-credit specializations. The practitioner specialization is designed for students aiming for a career as an LCPC. The science specialization is ideal for students who want to continue their education through doctoral study and/or aspire to careers in research.

The faculty is committed to student training and regularly review students' performance in the program. For full policy, please see the [Standards and Expectations for Graduate Counseling Psychology Students](#).

INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY

The 42-credit industrial and organizational psychology concentration applies psychological principles developed from rigorous scientific research to enable problem resolution in the workplace. The curriculum is designed to meet the master's-level competencies in all domains recommended by the Society for Industrial and Organizational Psychology (division 14 of the American Psychological Association). Our students engage in real-world and simulated experiential learning activities, such as conducting job analyses with real clients, preparing personnel assessment reports and developing organizational surveys. Preparing students for careers in the global work force community, the concentration offers relevant coursework and international collaborative projects (both virtual and in-person), such as the European Erasmus Mundus Winter School program. Students benefit from the high-quality, paid internship opportunities available in Baltimore; Washington, D.C.; and northern Virginia. Students and graduates are employed in both public and private sectors, including the state of Maryland, federal government, private industry and consulting firms. They hold positions as personnel specialists, job analysts, training specialists, human resource managers and consultants.

Classes are offered during the late afternoons and evenings, and some courses are offered in the summer.

UNCONDITIONAL ADMISSION STANDARDS

For unconditional acceptance into the M.S. in Applied Psychology program, applicants are required to have:

- a bachelor's degree in psychology with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university
- grades of B or better in statistics and research methods courses
- GRE scores from the verbal, quantitative and analytical tests that are no more than five years old; the GRE psychology test is not required.

CONDITIONAL ADMISSION STANDARDS

Applicants not meeting the requirements for unconditional admission—including holding a bachelor's degree in psychology—may, with the approval of the program's admission committee, be accepted on a conditional basis. Conditional admission requires the completion of specified undergraduate psychology courses, at either UB or another university, with grades of B or better. Conditionally admitted students will be notified of the requirements they must meet to achieve unconditional status and continue in the program. (Undergraduate or other courses that are not part of the degree requirements are not eligible for federal financial aid.)

For detailed information about specific admission requirements, visit ubalt.edu/appliedpsychology.

DEGREE REQUIREMENTS

No more than 6 credits with passing grades lower than B- can be applied to the degree. To maximize career opportunities, advisement is recommended when selecting electives. Various courses in applied psychology and other disciplines (criminal justice, management, human services administration, legal and ethical studies, negotiations and conflict management, public administration, and integrated design) are permitted as electives. However, a maximum of 12 credits outside the department are permitted, and such electives are subject to the approval of the program director. See the online course descriptions at ubalt.edu/courseDescriptions.

Core Courses (12 credits)

The following 12 credits are required for the industrial and organizational psychology and the counseling psychology concentrations (except for the practitioner specialization):

APPL 601	The Biological Basis of Behavior (3)
APPL 603	Learning and Cognition (3)
APPL 631	Intermediate Statistics for the Behavioral Sciences (3) ¹
APPL 632	Research Methods (3) ¹

¹ *These two courses must be taken sequentially in the first two semesters of attendance.*

Counseling Psychology Concentration Requirement (36 credits)

Concentration Core Courses (33 credits)

APPL 602	Ethics and Legal Issues in the Practice of Psychology (3)
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APPL 605	Advanced Theories of Personality and Counseling (3)
APPL 606	Basic Counseling Techniques (3)
APPL 610	Psychopathology and Diagnosis (3)
APPL 613	Human Development (3)
APPL 622	Group Counseling (3)
APPL 623	Career Counseling (3)
APPL 625	Multicultural Counseling (3)
APPL 703	Practicum in Counseling (3) ²

Choose one of the following:

APPL 608	Applied Assessment Procedures (3)
APPL 617	Personality Assessment (3)
APPL 618	Intellectual Assessment (3)
APPL 619	Psychological Assessment (3)

² *Must be taken for two semesters, for a total of 6 credits.*

Elective (3 credits)

Practitioner Specialization (48 credits)

Core Courses (9 credits)

APPL 601	The Biological Basis of Behavior (3)
APPL 603	Learning and Cognition (3)
APPL 633	Research and Evaluation (3)

Required Courses (36 credits)

APPL 602	Ethics and Legal Issues in the Practice of Psychology (3)
APPL 605	Advanced Theories of Personality and Counseling (3)
APPL 606	Basic Counseling Techniques (3)
APPL 610	Psychopathology and Diagnosis (3)
APPL 613	Human Development (3)
APPL 622	Group Counseling (3)
APPL 623	Career Counseling (3)
APPL 625	Multicultural Counseling (3)
APPL 703	Practicum in Counseling Psychology (3)
APPL 708	Internship in Counseling (3) ³

Choose one of the following:

APPL 608	Applied Assessment Procedures (3)
APPL 617	Personality Assessment (3)
APPL 618	Intellectual Assessment (3)

³ *Must be taken for at least two semesters, for a total of 6 credits.*

Elective (3 credits as approved by advisor)

Science Specialization (48 credits)

Core Courses (12 credits)

APPL 601	The Biological Basis of Behavior (3)
APPL 603	Learning and Cognition (3)
APPL 631	Intermediate Statistics for the Behavioral Sciences (3) ⁴
APPL 632	Research Methods (3) ⁴

⁴ *These two courses must be taken sequentially in the first two semesters of attendance.*

Required Courses (24 credits)

APPL 602	Ethics and Legal Issues in the Practice of Psychology (3)
APPL 605	Advanced Theories of Personality and Counseling (3)
APPL 606	Basic Counseling Techniques (3)
APPL 610	Psychopathology and Diagnosis (3)
APPL 622	Group Counseling (3)
APPL 625	Multicultural Counseling (3)
APPL 703	Practicum in Counseling Psychology (3)

Choose one of the following:

APPL 608	Applied Assessment Procedures (3)
APPL 617	Personality Assessment (3)
APPL 618	Intellectual Assessment (3)

Electives (12 credits)

Electives can include courses such as APPL 789: Research Proposal Development and APPL 799: Thesis in Applied Psychology, through which a thesis can be completed.

Industrial/Organizational Psychology Concentration Requirements (30 credits)

Concentration Core Courses (18 credits)

APPL 641	Organizational Psychology (3)
APPL 642	Motivation, Satisfaction and Leadership (3)
APPL 644	Personnel Psychology (3)
APPL 645	Personnel Assessment (3)
APPL 651	Job Analysis (3)
APPL 655	Practical Applications in I/O Psychology (3)

Electives (12 credits)

Choose four of the following:

APPL 609	Occupational Stress and Health Psychology (3)
APPL 646	Employment Law in Human Resource Management (3)
APPL 647	Training and Organizational Development (3)
APPL 649	Special Topics: Industrial/Organizational Psychology (3)
APPL 650	Work Groups in Organizations (3)
APPL 652	Organizational Theory and Development (3)
APPL 653	Consulting Skills (3)
APPL 654	Survey Development and Implementation (3)

APPL 657	Personality at Work (3)
APPL 658	Change Management (3)
APPL 659	Cross-Cultural Organizational Psychology (3)
APPL 707	Practicum in Industrial/Organizational Psychology (1-4)
APPL 789	Research Proposal Development (3)
APPL 799	Thesis in Applied Psychology (3-6)

Other electives are also available through the MBA program in UB's Merrick School of Business and in the graduate program in the College of Public Affairs.

THESIS OPTION

Highly motivated and qualified students may request permission from the program director to prepare for the thesis option. Upon completion of the required Research Methods course, invited students may enroll in APPL 789: Research Proposal Development. Successful proposals may be used as the basis for the thesis proposal. Interested students should request faculty sponsorship before the completion of 18 credits in the program and, when necessary, may need to extend completion time for the degree to accommodate data collection and manuscript preparation.

CERTIFICATE IN PROFESSIONAL COUNSELING STUDIES

ubalt.edu/professionalcounseling

John Donahue, program director

FACULTY: Donahue, Gasser, Shaffer, Soheilian

The 18-credit Certificate in Professional Counseling Studies program is a post-master's certificate designed for those who have earned or are earning their master's degree in counseling or psychology. The program assists students with a qualifying master's degree in obtaining the 60 graduate credits and 125 hours of field experience required to sit for the National Counselor Examination. Passing the National Counselor Examination allows you to practice for two years as a licensed graduate professional counselor while you complete the 3,000 total hours of professional experience required to become an LCPC in Maryland and throughout the country.

In this program, you will work closely with an adviser to tailor your studies to best prepare you to sit for the exam and to meet other criteria established by the Maryland Board of Professional Counselors and Therapists, all required to become an LCPC. This program is an ideal progression for you if you have earned or are in the late stages of completing your master's degree in counseling, psychology or a related field; it can easily be paired with UB's M.S. in applied psychology with a counseling psychology concentration.

Classes tend to be offered during the late afternoons and evenings, and some courses are offered in the summer.

UNCONDITIONAL ADMISSION STANDARDS

For unconditional acceptance into the Certificate in Professional Counseling Studies program, applicants are expected to have:

- a bachelor's degree in psychology with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university
- a master's or doctoral degree, with a minimum cumulative grade point average of 3.0, from a regionally accredited college or university, in counseling or psychology, needing no more than 18 credits of additional graduate coursework to qualify for licensure
 - Alternatively, a master's or doctoral degree, with a minimum 3.0 GPA, from a regionally accredited college or university, in an area closely related to counseling, and written confirmation, through a credentials evaluation by the Maryland Board of Professional Counselors and Therapists, of needing no more than 18 credits of additional graduate coursework to qualify for licensure
- successful completion of all undergraduate prerequisites for remaining graduate course requirements
- GRE scores from the verbal, quantitative and analytical tests that are no more than five years old
- a professional or academic letter of recommendation submitted on your behalf
- a statement of personal interest
- an interview with the program director following application review and determination of eligibility.

For detailed information about specific admission requirements, visit ubalt.edu/professionalcounselingadmission.

CERTIFICATE REQUIREMENTS

The Certificate in Professional Counseling Studies program consists of 18 credits of coursework. No more than 6 credits with passing grades lower than B- can be applied to the degree. As the curriculum of the program is uniquely tailored to meet student needs based on previously completed academic coursework and the criteria established by the Maryland Board of Professional Counselors and Therapists, advisement is required when selecting courses. Faculty members are committed to student training and regularly review students' performance in the program. For full policy, please see the [Standards and Expectations for Graduate Counseling Psychology Students](#). The table below describes the academic requirements to become an LCPC in the state of Maryland and the corresponding coursework offered in the program. See the online course descriptions, found at ubalt.edu/courseDescriptions.

Required Core Content Area (3 graduate credits each)	Corresponding Courses at University of Baltimore (each course is 3 graduate credits)*
(a) Human Growth and Development	APPL 613: Human Development
(b) Social and Cultural Foundation of Counseling	APPL 625: Multicultural Counseling
(c) Counseling Theory	APPL 605: Advanced Theories of Personality and Counseling
(d) Counseling Techniques	APPL 606: Basic Counseling Techniques
(e) Group Dynamics, Processing and Counseling	APPL 622: Group Counseling
(f) Lifestyle and Career Development	APPL 623: Career Counseling
(g) Appraisal and Diagnosis of Individual	APPL 608: Applied Assessment Procedures APPL 617: Personality Assessment APPL 618: Intellectual Assessment
(h) Research and Evaluation	APPL 632: Research Methods APPL 633: Research and Evaluation
(i) Professional, Legal and Ethical Responsibilities	APPL 602: Ethics and Legal Issues in the Practice of Psychology

(j) Marriage and Family Therapy	APPL 626: Family Therapy
(k) Alcohol and Drug Counseling	APPL 621: Substance Abuse Counseling
(l) Supervised Field Experience	APPL 703: Practicum in Counseling Psychology** APPL 708: Internship in Counseling Psychology**
(m) Diagnosis and Psychopathology	APPL 610: Psychopathology and Diagnosis
(n) Psychotherapy and Treatment of Mental and Emotional Disorders	APPL 662: Treatment of Trauma APPL 663: Treatment of Depressive Disorders APPL 666: Treatment of Anxiety Disorders
Six electives	<i>Various courses including:</i> APPL 601: The Biological Basis of Behavior APPL 603: Learning and Cognition APPL 614: Community Psychology APPL 627: Child and Adolescent Therapy APPL 629: Special Topics: Topics in Counseling Psychology APPL 631: Intermediate Statistics for the Behavioral Sciences APPL 643: Advanced Social Psychology APPL 665: Clinical Supervision

*A faculty adviser may provide advice concerning degrees and coursework that will be acceptable to the Maryland Board of Professional Counselors and Therapists; however, final authority to accept or reject a particular degree or any individual course as applicable to licensure rests with the board.

**If a practicum or internship is needed, the student must take a minimum of one course at UB in the Counseling Psychology program prior to the semester in which the practicum is taken. UB faculty cannot endorse a student for practicum until that course has been successfully completed and the student has demonstrated ongoing fulfillment of the program's standards for graduate students in counseling psychology.

CERTIFICATE IN GLOBAL INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY

ubalt.edu/globaliop

Sharon Glazer, program director

FACULTY: Glazer, Mitchell, Tedone

The 12-credit Certificate in Global Industrial and Organizational Psychology program is a postbaccalaureate certificate that is composed of courses within the M.S. in Applied Psychology program and specifically within the industrial and organizational (IO) psychology (IOP) area of concentration. The program serves graduate students of IOP who wish to earn a credential that highlights their experience with international or global IOP.

Today's companies that employ IO psychologists typically have international linkages, whether the company is itself multinational or the company has international partners, vendors or consumers. These companies would benefit from having IOP professionals who are prepared to consult to these organizations that transcend national boundaries.

Classes tend to be offered during the late afternoons and evenings, and some courses may be offered in the summer.

ADMISSION STANDARDS

For unconditional acceptance into the Certificate in Global IOP program, applicants are expected to:

- be current students in the IOP program at the University of Baltimore and declare their intent to earn the certificate prior to graduation
- or**
- have a bachelor's degree in psychology with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university
 - have a master's or doctoral degree, with a minimum cumulative grade point average of 3.0, from a regionally accredited college or university
 - be in a master's or doctoral degree program in IOP or related field, with a minimum cumulative grade point average of 3.0 (after completing at least three graduate courses), from a regionally accredited college or university
 - submit GRE scores from the verbal, quantitative and analytical tests that are no more than five years old or an earned master's degree in IOP or related field
 - have a professional or academic letter of recommendation submitted on your behalf (if not already a graduate student at the University of Baltimore)
 - submit a statement of personal interest (if not already a graduate student at the University of Baltimore).

For detailed information about specific admission requirements, visit ubalt.edu/iopsychology.

CERTIFICATE REQUIREMENTS

The Certificate in Global IOP consists of 12 credits of coursework. No more than 6 credits with passing grades at or below a B- can be applied to the degree from prior completion of the master's in applied psychology at the University of Baltimore or other master's degree programs in psychology or related fields. Students in the global IOP specialization will be required to take the following course for 3 credits:

APPL 659 Cross-Cultural Organizational Psychology

Under special circumstances, the following MGMT courses may be substituted (e.g., if no APPL course instructor is available to teach APPL 659 during a student's course of studies):

MGMT 780 Leading across Cultures (this course has a prerequisite, MGMT 605, that must be met before it counts toward the specialization)

MGMT 796 Global Business Practicum

Nine additional credits toward the certificate could include the following courses, as long as there is a clearly articulated global, study abroad or cross-cultural psychology component:

APPL 652 Organization Theory and Development (3)

APPL 655 Practical Applications in IO Psychology (capstone) (3)

APPL 707 Practicum in IO Psychology (1-4)

APPL 779	Directed Study in Applied Psychology (1-3)
APPL 789	Research Proposal Development (3)
APPL 799	Thesis in Applied Psychology (3 or 6)

Three of the total 12 credits may come from the following courses (exceptions to this limit may be made if above options are not possible within two semesters of graduation at program director's discretion):

GAHS 504	Seminar in Globalization and Social Change (3)
GAHS 508	International Organization (3)
CNCM 620	Special Topics (3; must be discussed in consultation with IOP program director)
CNCM 710	Terrorism and Counterterrorism (3)
CNCM 740	Ethnic and Cultural Factors in Conflict (3)
MGMT 780	Leading across Cultures (3; prerequisite, MGMT 605, must be met before course counts toward the specialization)
MGMT 796	Global Business Practicum (3)
MGMT 798	Global Field Study (3)
MKTG 760	Global Marketing Management (3; this course has prerequisites that must be met before it counts toward the specialization)

Programs Offered by the Division of Legal, Ethical and Historical Studies

MASTER OF ARTS IN LEGAL STUDIES

<https://www.ubalt.edu/legalstudies>

Michele Cotton, program director

FACULTY: Cotton, Kassner

ADJUNCT FACULTY: McDermitt, Moran, Trumpbour, Hollimon

This 36-credit program leading to an M.A. in legal studies provides students flexibility in scheduling and in how they approach their studies. The degree helps to make students competitive for a wide range of law-related jobs and prepares students for law school or further graduate study.

This degree does not lead to a paralegal certification but to a master's degree. It provides more advanced instruction in legal skills and knowledge.

Classes are offered evenings and online. Some classes are offered in a hybrid format (partly evening and partly online), and a few courses are offered fully online. Summer courses are may be available as well for continuing students.

ADMISSION TO THE PROGRAM

To be considered for acceptance into the M.A. in Legal Studies program, applicants must:

- Complete each portion of UB's online application process.

- Possess a bachelor's degree from a regionally accredited college or university, or be currently enrolled in coursework leading to the completion of such a degree by the time of enrolment in the program.

Applicants are generally expected to have earned a grade point average of 3.0 or better in their undergraduate coursework. At the discretion of the program director, applicants not meeting this expectation may be admitted if their application materials demonstrate the potential to succeed in the program. Additional application materials, such as a writing sample, may be requested to help make this determination. In some cases, the program director may admit such students subject to certain conditions, which must be met to continue in the program after the initial semester. For detailed information about specific admission requirements, visit ubalt.edu/legalstudies.

TRANSFER CREDITS

A maximum of 9 relevant graduate credits may be transferred from another program at a regionally accredited college or university toward this graduate degree, subject to the approval of the program director. These credits count toward the maximum 9 credits that may be taken outside the program as other discipline electives.

A maximum of 12 credits may be transferred from an accredited law school or a graduate legal studies program at a regionally accredited college or university toward this graduate degree, subject to the approval of the program director. These credits may count as other discipline electives or substitute for substantially similar M.A. in legal studies courses, subject to the approval of the program director.

DEGREE REQUIREMENTS

Required Courses (12 credits)

LEST 500	Legal Research and Analysis (3)
LEST 501	Legal and Ethical Foundations (3)
LEST 502	Law and Society (3)

Capstone Experience

Choose one of the following:

LEST 696	Internships (3)
LEST 697	Applied Projects (3)
LEST 699	Independent Study (3)

Elective Courses (21 credits)

Students must complete upper-level elective courses as follows:

Areas of Law (at least 6 credits)
 Legal Topics (at least 6 credits)

The remaining 9 credits of electives may be distributed at student's discretion among any of the following options:

Areas of Law courses
 Legal Topics courses
 Other discipline courses

Areas of Law

LEST 603	Law of Contracts (3)
LEST 604	Law of Business Organizations (3)
LEST 605	Areas of Law (3) [for cross-listed LAW courses or other special offerings]
LEST 606	Family Law (3)
LEST 607	Property Law (3)
LEST 609	Employment Law (3)
LEST 614	Torts (3)
LEST 615	Criminal Law (3)
LEST 616	Constitutional Law (3)
LEST 617	Administrative Law (3)

Legal Topics

LEST 600	Complex Legal Analysis (3)
LEST 601	Ethics and Advocacy (3)
LEST 610	Special Legal Topics (3) [for cross-listed LAW courses or other special offerings]
LEST 624	Professional Ethics (3)
LEST 625	Topics in Applied Ethics (3)
LEST 626	The Trial Process (3)
LEST 628	Environmental Law and Ethics (3)
LEST 629	Biomedical Ethics (3)
LEST 696	Internships (3)
LEST 697	Applied Projects (3)
LEST 699	Independent Study (1-3)

Other Discipline Electives (9-credit maximum)

Students may take up to 9 credits in electives in other graduate programs at the University of Baltimore. Students are strongly encouraged to take a coherent series of electives that specifically advance an academic specialization or professional competency.

Programs Offered by the Division of Science, Information Arts and Technologies

MASTER OF SCIENCE IN INTERACTION DESIGN AND INFORMATION ARCHITECTURE

ubalt.edu/interactiondesign

Kathryn Summers, program director

FACULTY: Blodgett, T. Harper, Ketel, Kohl, Oldenburg, Shrestha, Summers, Vincenti, Walsh
ADJUNCT FACULTY: Feist, L. Harper, Lazier

The 36-credit M.S. in Interaction Design and Information Architecture program combines aspects of computer science with liberal arts perspectives, blending theoretical work with practical engagement. Students focus on designing and developing information technologies to satisfy diverse human needs and desires. They acquire skills to develop new applications for information technology and become proficient in understanding how humans interact with technology. The approach is forward-looking, anticipating the technologies of tomorrow and how they will affect our lives.

The program focuses on designing and developing information technologies to realize their potential for satisfying human needs and desires. It teaches students vital skills for developing new applications of information technology through user-centered design practices.

Laboratories offer excellent support for usability research, visual design, prototyping and interactive development. Students have the opportunity to work on high-impact digital technology projects through cutting-edge research with such tools as an industry-standard eye tracker in the University's User Research lab and high- and low-tech prototyping tools in the Digital Whimsy Lab.

Classes are offered evenings, and some courses are offered in the summer for continuing students. Additionally, the degree can be completed entirely online.

ADMISSION STANDARDS

For acceptance into the M.S. in Interaction Design and Information Architecture program, applicants are expected to have:

- a bachelor's degree with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university
- two letters of recommendation
- a personal statement explaining why they are choosing interaction design and information architecture as their area of study.

For detailed information about specific admission requirements, visit ubalt.edu/interactiondesign.

PREREQUISITE

Upon admission, if students have not passed an HTML proficiency examination as specified by the program director, they are expected to complete PBDS 501: Introduction to Web Development with a grade of PASS; this course does not count toward the completion of the degree program.

DEGREE REQUIREMENTS

Completion of the M.S. may be accomplished by successfully completing 30 credits and a project or thesis for 6 credits, for a total of 36 credits. No more than 6 credits with passing grades lower than B- can be applied to the degree.

Core Courses (18 credits)

IDIA 612	Interaction and Interface Design (3)
IDIA 630	Information Architecture (3)
IDIA 640	Humans, Computers and Cognition (3)
IDIA 642	Research Methods (3)

Technical Course (3 credits)

Students choose one course from the following:

IDIA 618 Dynamic Websites (3)
IDIA 619 Interactive Multimedia (3)

Area Concentration (3 credits)

Students choose one course from the following:

IDIA 712 Advanced Interaction Design (3)
IDIA 730 Topics in Advanced Information Architecture (3)
IDIA 742 Topics in Advanced User Research (3)

Electives (12 credits)

With the advice and consent of the program director, students complete four electives from the following focus areas:

- interaction design
- information architecture
- user research.

Thesis/Project (6 credits)

IDIA 799 Thesis/Project (3-6)

THESIS REQUIREMENTS

All core courses must be completed before thesis work begins. Thesis work should be spread over two semesters (3 credits each semester). Thesis projects must be approved by a thesis adviser before registering for any thesis credits. All thesis projects must incorporate significant elements of user research; thesis topics may have either a research or project focus.

GRADUATE CERTIFICATE IN DIGITAL MEDIA PRODUCTION

Suspended; no longer accepting new students

ubalt.edu/digitalmedia

Kathryn Summers, program director

FACULTY: members of the Division of Science, Information Arts and Technologies

The 12-credit Graduate Certificate in Digital Media Production is intended for professionals such as graphic designers, writers, editors and other communications specialists who want to acquire demonstrable competence in the techniques and concepts required for publishing in electronic media. Graduates will be prepared to develop, design, produce and manage a range of online and digital media publications.

Classes are offered evenings and weekends, and some courses are offered online.

ADMISSION STANDARDS

For acceptance into the Graduate Certificate in Digital Media Production program, applicants are expected to have a bachelor's degree with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university.

For detailed information about specific admission requirements, visit ubalt.edu/digitalmedia.

PREREQUISITE

Upon admission, if students have not passed an HTML proficiency examination as specified by the program director, they are expected to complete PBDS 501: Introduction to Web Development with a grade of PASS; this course does not count toward the completion of the degree program.

CERTIFICATE REQUIREMENTS

Students must complete two required courses plus two electives, for a total of 12 credits.

Required Courses (6 credits)

IDIA 612 Interaction and Interface Design (3)
IDIA 616 Designing for Mobile Web (3)

Electives (6 credits)

Students choose two courses from the following:

IDIA 618 Dynamic Websites (3)
IDIA 619 Interactive Multimedia (3)
IDIA 750 Special Topics (3)
PBDS 639 Video Aesthetics and Technique (3)
PBDS 670 Motion Graphics for Interactive Media (3)

CERTIFICATE IN LIBRARY TECHNOLOGIES

Suspended; no longer accepting new students

ubalt.edu/librarytechnologies

Kathryn Summers, program director

FACULTY: Summers, Walsh

ADJUNCT FACULTY: Queen, Roberts

The University of Baltimore's 12-credit Certificate in Library Technologies focuses on the use of emerging technologies and user-centered design in library settings to provide master's-level librarians with the knowledge and skills necessary to remain current and marketable in their profession. This certificate program is specifically designed for 21st-century librarians who seek interdisciplinary advanced training in such information-oriented disciplines as information architecture, user research and integrated design, allowing them to develop contemporary and intuitive user experiences for library patrons.

Classes are offered evenings and weekends, and some courses are offered online.

ADMISSION STANDARDS

For acceptance into the Certificate in Library Technologies program, applicants are expected to have a master's degree in library science or an equivalent master's degree from an American Library Association-accredited program at a regionally accredited college or university.

Applicants who hold a bachelor's degree from a regionally accredited college or university but do not hold an appropriate master's degree may apply to the M.S. in Interaction Design and Information Architecture program or consider the Graduate Certificate in User Experience (UX) Design. Applicants are encouraged to contact an adviser concerning the most appropriate path.

For detailed information about specific admission requirements, visit ubalt.edu/librarytechnologies.

PREREQUISITE

Upon admission, if students have not passed the HTML proficiency examination, they are expected to complete PBDS 660: Introduction to Web Development with a grade of B or better before undertaking any other coursework; this course does not count toward the completion of the certificate program.

CERTIFICATE REQUIREMENTS

Students must complete two required courses plus two electives, for a total of 12 credits.

Required Courses (6 credits)

IDIA 612	Interaction and Interface Design (3)
IDIA 642	Research Methods (3)

Electives (6 credits)

Students choose two courses from the following:

IDIA 616	Designing for Mobile Web (3)
IDIA 619	Interactive Multimedia (3)
IDIA 622	Social Media for Organizations (3)
IDIA 630	Information Architecture (3)
IDIA 750	Special Topics (3)
INSS 784	Project Management (3)
<i>or</i>	
PUAD 733	Managing Public-Sector Projects (3)
MKTG 742	Social, Nonprofit and Public-Sector Marketing (3)

GRADUATE CERTIFICATE IN USER EXPERIENCE (UX) DESIGN

ubalt.edu/userexperience

Kathryn Summers, program director

FACULTY: members of the Division of Science, Information Arts and Technologies

This 12-credit Graduate Certificate in User Experience (UX) Design is intended for communication or information professionals who want to acquire demonstrable competence in the techniques and concepts required for the emerging field of user experience design.

By including a range of disciplines, such as interaction design, user research, information architecture and related fields, the program prepares students to construct an online information space and create a user experience that balances business goals, content collection and user needs.

Classes are offered evenings and weekends. The certificate can also be completed exclusively online.

ADMISSION STANDARDS

For acceptance into the Graduate Certificate in User Experience (UX) Design program, applicants are expected to have a bachelor's degree with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university.

For detailed information about specific admission requirements, visit ubalt.edu/userexperience.

PREREQUISITE

Upon admission, if students have not passed an HTML proficiency examination as specified by the program director, they are expected to complete PBDS 501: Introduction to Web Development with a grade of PASS; this course does not count toward the completion of the degree program.

CERTIFICATE REQUIREMENTS

Students must complete four required courses, for a total of 12 credits.

Required Courses (12 credits)

IDIA 612	Interaction and Interface Design (3)
IDIA 630	Information Architecture (3)
IDIA 640	Humans, Computers and Cognition (3)
IDIA 642	Research Methods (3)

DOCTOR OF SCIENCE IN INFORMATION AND INTERACTION DESIGN

ubalt.edu/informationandinteraction

Greg Walsh, program director

FACULTY: Blodgett, Kohl, Summers, Walsh

Drawing on a flexible array of disciplines and perspectives, the 48-credit D.S. in Information and Interaction Design program offers an engaged, critical approach to information and interaction design for humans. Through interdisciplinary courses in topics like cognitive psychology, library science, computer science, user research and interaction design, students become leading researchers and designers who can create innovative design solutions based on a solid understanding of human behavior.

This program is unique in its careful balance between theory and practice, and in its focus on the challenges of designing for special populations, such as children, older adults, people with low literacy skills or people who need assistive technology.

Doctoral studies culminate in a doctoral dissertation project with a significant impact on the field; students submit their projects for evaluation by a committee of faculty members and experts.

Classes are offered evenings and weekends, and some courses are offered in the summer. All courses but one are also offered online in a synchronous format that allows for live lecture, discussion and collaboration. One course in methods for user research is offered in a hybrid format that includes a short residential experience (three days). Students may pursue the degree part time.

When students graduate from this program, they will be able to:

- Conduct well-designed quantitative and qualitative user research.
- Communicate research findings to academic and industry audiences.
- Evaluate the user research methods in studies performed by others.
- Develop information systems that meet the needs of a global and diverse audience, and can accommodate change and growth.
- Develop new conceptual models and hypotheses of interaction design based on existing interaction design knowledge and user-centered iterative design.
- Evaluate the social and cultural effects of information systems and their implementations.

ADMISSION STANDARDS

For acceptance into the D.S. in Information and Interaction Design program, applicants are expected to have:

- a bachelor's degree from a regionally accredited college or university
- a master's degree in a related field (information systems, computer science, communication, business, instructional design, professional writing, applied psychology, information design, graphic design, etc.) with a minimum cumulative grade point average of 3.2 from a regionally accredited college or university
- GRE scores from the verbal, quantitative and analytical tests that are no more than five years old: If applicants have taken the MAT or the GMAT, those scores (no more than five years old) may be substituted for the GRE.
- potential for success in the program, as evidenced by a resume showing work or volunteer experience related to user experience design or user research
- evidence of intellectual preparedness to undertake doctoral study, as demonstrated in a sample essay from the applicant's prior academic work.

The program admits students once a year in the fall; applications are accepted on a rolling basis. Applications received prior to April 1 will be considered for research assistantships.

For detailed information about specific admission requirements, visit ubalt.edu/informationandinteraction.

PREREQUISITES

Students entering the D.S. in Information and Interaction Design program are expected to be prepared for advanced work in information or interface design, visual design, professional writing and research. Students with deficiencies in one or more of these areas may be required to take additional coursework beyond the 48 credits required for the degree.

DEGREE REQUIREMENTS

As students move through the program, they will specialize in either user research or interaction design using their elective courses.

After completing IDIA 810: Proseminar, students must take a qualifying examination containing written and oral components. The examination is based on questions developed by the candidate and finalized by an examining committee. Success is judged by three criteria:

- intellectual fitness: Is the student prepared to undertake dissertation research and/or development?
- conceptual framework: Is the student conversant with research, theory and commentary in professional or scholarly areas related to the proposed project? Does the project's design reflect an adequate grasp of knowledge in the field?
- project design: Is the proposed doctoral project well-conceived? Are the proposed methods appropriate? Is it practical? Will it make a demonstrable contribution to the student's profession, community or discipline?

Students have two opportunities to pass the qualifying exam. After the second attempt, students who do not pass the qualifying exam are no longer eligible to pursue the doctoral degree at the University of Baltimore.

In addition to coursework, students must submit a major dissertation project to be evaluated by a committee of faculty members and experts in relevant fields. The dissertation project must demonstrate the student's ability to do independent research and analysis. Although the project may reflect a primary emphasis on applications and problem-solving, it must include a well-developed, reflective written discussion that contains a survey of relevant research and an attempt to situate the work in its larger social or intellectual context.

With the approval of the program director, doctoral students may take up to 12 graduate credits through articulated programs at universities in the University System of Maryland or at other universities. These credits can satisfy particular degree requirements or be taken as electives.

Core Courses (24 credits)

IDIA 612	Interaction and Interface Design (3)
IDIA 640	Humans, Computers and Cognition (3)
IDIA 642	Research Methods for Interaction Design (3)
APPL 631	Intermediate Statistics for the Behavioral Sciences (3)
IDIA 715	Managing UX Projects (3)
IDIA 742	Topics in User Research (3)
IDIA 810	Proseminar (3)
IDIA 842	Methods for User Research (3)

Electives (12 credits)

Select four courses from the following:

IDIA 602	Graphic Design Principles (3)
IDIA 614	Sequential Visualization and Analysis (3)
IDIA 616	Designing for Mobile Web (3)
IDIA 618	Dynamic Websites (3)
IDIA 619	Interactive Multimedia (3)
IDIA 630	Information Architecture (3)

IDIA 712	Topics in Advanced Interaction Design (3)
IDIA 730	Topics in Advanced Information Architecture (3)
IDIA 742	Topics in User Research (3)
IDIA 750	Special Topics (3)
IDIA 790	Independent Study
APPL 603	Learning and Cognition (3)

Dissertation Work (12 credits)

IDIA 899	D.S. Project (1-6) (must be taken for a total of 12 credits)
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Programs Offered by the Klein Family School of Communications Design

MASTER OF ARTS IN INTEGRATED DESIGN

ubalt.edu/integrateddesignma

Megan Rhee, program director

FACULTY: Boyd, Fountain, Gibson, Meikle, Rhee, Simon, Summers, Walsh, Winik

ADJUNCT FACULTY: Patschke

Combining theory and practice, the M.A. in Integrated Design program integrates conceptual thinking, design, writing and research across multiple forms of media. Founded in the late 1970s, the program and its evolving curriculum have consistently prepared students to adapt to rapid changes in the fields of design and communications.

The integrated design faculty includes scholars, graphic and interaction designers, media critics, writers, filmmakers and videographers who, like the program itself, combine the intellectual, academic and professional. In addition, adjunct professors from the Washington metro region's creative community share their expertise in writing, graphic design and business practices.

Students in the program develop skills in design across multiple platforms as they prepare to pursue careers in corporate or nonprofit settings. Courses help students build a foundation in research, the creative process, professional writing, and design principles and strategies.

During the final semester, a two-course capstone experience enables students to practice what they have learned. PBDS 740: Seminar in Publications Design asks students to work in teams to address a multifaceted challenge. Using the problem-solving skills they have developed during their time in the program, they produce a complete solution and present it to judges drawn from the professional community. Simultaneously, in PBDS 735: Portfolio, students develop and refine their online personal and professional portfolios.

Classes are offered evenings and weekends, and some courses are offered in the summer. The program is also offered at the Universities at Shady Grove. Students entering the program are expected to be proficient in the Adobe Creative Suite and the latest versions of HTML and CSS.



UNCONDITIONAL ADMISSION STANDARDS

For unconditional acceptance into the M.A. in Integrated Design program, applicants are expected to have:

- a bachelor's degree in design, communications or related field with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university
- a portfolio of academic and/or professional work showing potential for success in the program.

CONDITIONAL ADMISSION STANDARDS

Applicants not meeting the requirements for unconditional admission may, with the approval of the program's admission committee, be accepted on a conditional basis.

Applicants lacking sufficient graphic design skills may be required to successfully complete PBDS 502: Introduction to Graphic Design Principles before being permitted to take any other design courses in the master's program. This course must be completed within the first 6 credits taken. The course does not count toward the 36 credits required for the degree.

For detailed information about specific admission requirements, visit ubalt.edu/integrateddesignma.

TRANSFER CREDITS

A maximum of 9 relevant graduate credits may be transferred from another program or regionally accredited college or university toward this graduate degree, subject to the approval of the program director.

COURSE SEQUENCING

Although there is considerable flexibility in the order in which students may take the required courses, courses involving graphic design generally have prerequisites.

PBDS 612: Creative Methodologies and PBDS 615: Typography I are prerequisites for all other design classes and should be taken within the first year in the program.

All entering students must demonstrate proficiency in HTML and CSS either by receiving a B or better in PBDS 501: Introduction to Web Development or presenting evidence of certification via another preapproved educational resource. PBDS 501 credits do not count toward the degree, but the course or approved equivalency is required before registering for PBDS 660: Web Development and/or PBDS 661: Advanced Web Development. Such proficiency is also a prerequisite for most courses in the M.S. in Interaction Design and Information Architecture program, in which many integrated design students opt to take electives.

AWARDS

Each spring, students enrolled in the capstone PBDS: 740 Seminar in Publications Design prepare projects that are judged by a jury of professionals in the field. Awards are presented for creative excellence in both this course and PBDS 735: Portfolio.

The annual Ampersand Award honors the graduating student who best exemplifies the integrative spirit of the Integrated Design program.

DEGREE REQUIREMENTS

Foundation Courses

One or all of these courses may be required based on an evaluation of the student's academic background and portfolio.

- PBDS 501 Introduction to Web Development (3)
Cannot be counted toward the 36 credits required for the degree
- PBDS 502 Introduction to Graphic Design Principles (3)
Cannot be counted toward the 36 credits required for the degree
- PBDS 503 Workshop in Written Communication (3)
Can count under certain circumstances toward the credits required for the degree

Required Courses (18 credits)

- PBDS 610 Visual & Verbal Rhetoric (3)
- PBDS 612 Creative Methodologies (3)
- PBDS 615 Typography I (3)
- PBDS 660 Web Development (3)
- PBDS 735 Portfolio (3)
- PBDS 740 Seminar in Publications Design (3)

Advanced Writing Course (3 credits)

Choose one course from the following:

- PBDS 603 Editorial Style (3)
- PBDS 604 Writing for the Marketplace (3)
- PBDS 605 Public & Private Languages (3)
- PBDS 611 The Craft of Popularization (3)
- PBDS 613 Design Writing (3)
- PBDS 691 Art of the Interview (3)
- PBDS 692 Writing for Digital Environments (3)

Electives (15 credits)

Students may take, in addition to any offerings in the Integrated Design program, any classes in the M.S. in Interaction Design and Information Architecture program and select courses in the Merrick School of Business (must be preapproved by the program director) at the University of Baltimore. They may also take courses in illustration, photography, graphic design or production offered for graduate credit at the Maryland Institute College of Art.

For a complete list of electives, visit www.ubalt.edu/integrateddesignma.

MASTER OF FINE ARTS IN CREATIVE WRITING & PUBLISHING ARTS

ubalt.edu/creativewriting

Betsy Boyd, program director

FACULTY: Boyd, Delury, Leyva, Watkins, Winik

ADJUNCT FACULTY: Frye, McCormick, Wilson

The 48-credit M.F.A. in Creative Writing & Publishing Arts program's curriculum emphasizes writing and publishing as part of an integrated process. The program embraces creativity and principles of craft, enabling students to not only create a substantial body of writing but also acquire the skills necessary to edit, design and produce literary publications. Students leave the program with a poetry, fiction or nonfiction manuscript they have written, designed and published. While providing an opportunity to create works of publishable quality, the program also prepares students for positions in the fields of publishing and teaching.

The faculty members, including creative and professional writers, editors, designers, multimedia experts and scholars, are accomplished and versatile. Added to the program's core and adjunct faculty are visiting writers, editors and designers who offer readings, seminars, master classes and critiques of student work.

Classes are offered evenings, and some courses are offered in the summer for continuing students.

ADMISSION STANDARDS

For acceptance into the M.F.A. in Creative Writing & Publishing Arts program, applicants are expected to have:

- a bachelor's degree with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university
- potential for success in the program, as evidenced by a submitted portfolio of no more than 10 poems or 15 to 20 pages of prose (fiction or literary nonfiction).

The program admits students once a year in the fall; the application deadline is the preceding Feb. 15. Students may still apply after the deadline as seats are available.

For detailed information about specific admission requirements, visit ubalt.edu/creativewriting.

DEGREE REQUIREMENTS

Foundation Course (3 credits)

CWPA 620 Creativity: Ways of Seeing (3)

Writing Workshops (6 credits)

Choose two 3-credit writing workshops in the same genre:

CWPA 622 Fiction Workshop (3)

CWPA 623 Poetry Workshop (3)

CWPA 626 Literary Nonfiction Workshop (3)

CWPA 627 Memoir Workshop (3)

Advanced Writing Workshop (3 credits)

CWPA 720 Advanced Writing Workshop (3)

Design (3 credits)

CWPA 651 Type & Design for Creative Writers (3)

Publishing Arts (6 credits)

Choose two of the following:

- CWPA 753 Publishing Arts: Special Topics (3; as appropriate)
- CWPA 780 Book Arts (3)
- CWPA 781 Electronic Publishing (3)
- CWPA 782 Creating the Journal (3)
- CWPA 783 Print Publishing (3)

Writing and Literature (6 credits)

Choose two of the following:

- CWPA 752 Creative Writing: Special Topics (3; as appropriate)
- CWPA 786 Experimental Forms (3)
- CWPA 787 Seminar in Literature & Writing (3)
- CWPA 788 International Writing Workshop (3)

Culminating Courses (9 credits)

- CWPA 796 M.F.A. Thesis I (3)
- CWPA 797 M.F.A. Thesis II: Writing (3)
- CWPA 798 M.F.A. Thesis III: Design (3)

Electives (12 credits)

Students select four electives (from among many in writing, design, literature, publishing, multimedia and technology).

MASTER OF FINE ARTS IN INTEGRATED DESIGN

ubalt.edu/integrateddesignmfa

Megan Rhee, program director

FACULTY: Boyd, Fountain, Gibson, Meikle, Rhee, Simon, Summers, Walsh

ADJUNCT FACULTY: Patschke

The 60-credit M.F.A. in Integrated Design program is built on the premise that design practitioners, writers and strategists must be fluent in the language and concepts applied throughout the field of design. This degree addresses a discipline that is continually changing and expanding, and the fluency gained prepares graduates to navigate through situations requiring both big-picture vision and detail-oriented realization.

Faculty members are professionals with experience in the industry and academics. Graphic and interactive designers, filmmakers and videographers, usability experts, and information architects all combining theory, strategy and practice are part of the degree faculty. In addition, professionals from the region's creative community share their insight and expertise as adjuncts, guest speakers and critics.

Students in the program study concepts central to human-centered design. Over the course of their degree, students develop a wide-ranging portfolio containing interactive and narrative motion, digital strategy and design, and print work. Ultimately, students pursue either applied or theoretical thesis work

that can carry them into further professional pursuits. Thesis work has included documentaries, language research, interactive experiences, design education research, animation and geolocation applications.

Classes are offered on evenings and weekends, and some courses are offered in the summer for continuing students. Students may attend full or part time.

ADMISSION STANDARDS

For acceptance into the M.F.A. in Integrated Design program, applicants are expected to have:

- a portfolio of academic and/or professional work showing potential for success in the program
- a bachelor's degree with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university
- a grade point average of 3.25 in any M.F.A.-required courses already completed at UB, if applicable.

The program admits students once a year in the fall.

For detailed information about specific admission requirements, visit ubalt.edu/integrateddesignmfa. When admitted, all students must schedule an appointment with the program director prior to registration.

PREREQUISITES

This program may require prerequisites if an admitted student is determined to need further development in a specific area. In addition, all entering students must demonstrate proficiency in HTML and CSS either by receiving a B or better in PBDS 501: Introduction to Web Development or presenting evidence of certification via another preapproved educational resource. Such proficiency is a prerequisite for most courses in the M.S. in Interaction Design and Information Architecture program in which many integrated design students opt to take electives.

TRANSFER CREDITS

A maximum of 12 relevant graduate credits may be transferred from another regionally accredited college or university toward this graduate degree, subject to approval of the program director.

DEGREE REQUIREMENTS

Integrated Design (18 credits)

DESN 615	Integrated Design Studio I: Principles (3)
DESN 616	Integrated Design Studio II: Typography (3)
DESN 617	Creative Concepts (3)
DESN 715	Integrated Design Studio III: Readings & Research (3)
PBDS 610	Visual & Verbal Rhetoric (3)
PBDS 612	Creative Methodologies (3)

Practicum (3 credits)

DESN 791	Practicum in Integrated Design (3)
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Capstone (9 credits)

M.F.A. candidacy is a requirement for these courses.

DESN 793	Proseminar in Integrated Design (3)
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Electives (30 credits)

Students work with an adviser to choose relevant courses to align with their goals. Students take a wide range of courses in several different programs, including Integrated Design as well as Interaction Design and Information Architecture. Students may also take select courses offered for graduate credit at the Maryland Institute College of Art (must be preapproved by the program director).

M.F.A. CANDIDACY REQUIREMENTS

To be candidates for the M.F.A., students must meet the following requirements:

- competency in print, motion and digital strategy, as demonstrated by a portfolio evaluation and an oral examination of the portfolios
- successful completion of a written competency examination demonstrating an understanding of the discipline based on a reading list received upon entry into the program
- completion of all coursework, except DESN 793: Proseminar in Integrated Design and DESN 799: Integrated Design Thesis
- a minimum 3.0 GPA.

GRADUATE CERTIFICATE IN DIGITAL COMMUNICATION

ubalt.edu/digitalcommunication

Megan Rhee, program director

FACULTY: Boyd, Fountain, Gibson, Rhee, Simon, Summers, Walsh

ADJUNCT FACULTY: Patschke

The 12-credit Graduate Certificate in Digital Communication helps working communications professionals develop strategies to navigate an ongoing era of rapid change and to construct effective messages that are appropriate to their chosen medium and audiences. The program helps develop skills in and knowledge of the spectrum of 21st-century communication tools to enhance flexibility and marketability.

Participants have the opportunity to augment their skills and widen their knowledge base, allowing them to negotiate the continuing transition to making full use of digital media. The certificate can be designed to fit each participant's needs. Students select three of the four necessary courses with the help of an adviser, allowing them to study the aspects of digital communication that are most relevant to them and their careers.

Classes are offered primarily in the evenings.

ADMISSION STANDARDS

For acceptance into the Graduate Certificate in Digital Communication program, applicants are expected to have:

- a bachelor's degree with a minimum cumulative grade point average of 3.0 from a regionally accredited college or university

- potential for success in the program, as evidenced by a submitted portfolio that demonstrates skills and knowledge or by a resume that demonstrates evidence of work experience in the digital communication or digital design fields.

For detailed information about specific admission requirements, visit ubalt.edu/digitalcommunication.

CERTIFICATE REQUIREMENTS

Students must complete one required course plus three electives, for a total of 12 credits.

FOUNDATION COURSES AND PREREQUISITES

Depending on the direction a student wishes to pursue in his or her course of study, the student may be required to take the following course, which will not count toward the certificate:

PBDS 502 Introduction to Graphic Design Principles (3)

Students must complete one required course plus three electives, for a total of 12 credits. Students are responsible for all prerequisites.

Required Course (3 credits)

Students choose one course from the following:

PBDS 719 Design Thinking (3)
PBDS 720 The Digital Economy (3)

Electives (9 credits)

With the help of an adviser, students choose three courses from the following:

PBDS 602 Introduction to Digital Video (3)
PBDS 647 Information Design (3)
PBDS 660 Introduction to Web Development (3)
PBDS 661 Advanced Web Design (3)
PBDS 662 Design for Digital Environments (3)
PBDS 670 Motion Graphics for Interactive Media (3)
PBDS 671 Motion Graphics for Film & Video (3)
PBDS 692 Writing for Digital Environments (3)
PBDS 720 The Digital Economy (3)
DESN 617 Creative Concepts (3)
IDIA 612 Interaction and Interface Design (3)
IDIA 614 Sequential Visualization and Analysis (3)
IDIA 630 Information Architecture (3)
IDIA 642 Research Methods (3)