

# ADDENDA TO THIS CATALOG

The Undergraduate Catalog is published each academic year in June prior to the fall semester. The provisions of the Undergraduate Catalog are not to be regarded as a contract between the student and the University of Maryland. The university reserves the right to change its policies, rules, regulations, requirements for graduation, course offerings, tuition, fees, other charges, or any other contents of this catalog at any time.

When necessary, the university will track changes to the Undergraduate Catalog in this addenda section:

- For addenda related to policies, rules, regulations, tuition, fees and general information, see **General Addenda**
- For addenda related to curricula (i.e., descriptions, learning outcomes, and requirements for majors, minors, and certificates), see **Curricula Addenda**

*Note: Updates to course offerings (e.g., course description changes), will be reflected in the following year's catalog and are not tracked in this addenda section.*

## GENERAL ADDENDA

This section contains addenda related to policies, rules, regulations, tuition, fees and general information. Each addendum contains an excerpt from the catalog as it was originally published as well as the change that was made. To view the full original text, see the catalog page referenced in the addendum.

## University Administration and Deans

*Under University Administration and Deans*

- Effective September 4, 2024, a new Vice President for Marketing and Communications was appointed (*published September 4, 2024*).

### Original

Vice President for Marketing and Communications **Brian Ullmann**

### Change

Vice President for Marketing and Communications **Anne Buckley**

## CURRICULA ADDENDA

This section contains a list of addenda related to undergraduate program changes. Each listing has a summary of the modifications (i.e., changes to descriptions, learning outcomes, and requirements for majors, minors, and certificates) or indicates if the program is new. To view a program's addendum in full detail, please visit the program's catalog page as referenced in the summary below.

- College of Information (p. 1)
- Information Science Major at Shady Grove (p. 2)
- Information Systems Major (p. 2)
- International Development and Conflict Management Minor (p. 3)
- Physics Major (p. 3)
- Social Data Science Major (p. 4)
- Technology and Information Design Major (p. 4)

## College of Information

*Under* College of Information (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/information/>)

1. Effective Fall 2024, the Directors list was updated under the Faculty section (*published August 27, 2024*).
2. Effective Fall 2024, "iSchool" was updated to "INFO College" under the Advising and Opportunities sections (*published August 27, 2024*).

### Original

(1) **Directors:** T. Bezbabna (Assistant Director - Shady Grove), T. Clegg (Technology and Information Design Program Director), P. Duffy (Information Science Program Director - College Park), G. Madjaroff Reitz (Information Science Program Director - Shady Grove), R. Padrón (Director of Undergraduate Operations - College Park), K. Shilton (Social Data Science Program Co-Director)

### (2) iSchool

- For any other inquiries please contact the iSchool Undergraduate Student Services Office at [ugadvising.ischool@umd.edu](mailto:ugadvising.ischool@umd.edu).
- Opportunities for undergraduate research experience in the iSchool's research centers become available from time to time.
- See the Information Science program staff for information on performing research in an iSchool center or lab and contact the Campus Career Services office for assistance in obtaining off-campus positions or experiences.
- The iSchool hosts an internship and networking fair in fall and spring semesters to help students find internship sites.
- The iSchool also offers a summer internship course that allows students to partner critical reflection on professional development with an existing internship opportunity.
- Scholarships administered by the iSchool for undergraduate students include:
  - This scholarship was established in 2023 to return all royalties earned on the INST352 textbook (Understanding Human Information Behavior: When, How, and Why People Interact with Information) authored by iSchool instructors Beth St. Jean, Ursula Gorham, and Elizabeth Bonsignore to one or more outstanding InfoSci students.
  - Dean's Award for an Outstanding iSchool Project - The Dean's Award for an Outstanding iSchool Project will be presented to an iSchool student or a group of students (which includes at least one iSchool student) for an outstanding design or development project completed for an iSchool course.
  - The Laurence B. Heilprin Award will be presented to an iSchool student or a group of students (which includes at least one iSchool student) for an outstanding paper on a topic in library and information science which has been written for an iSchool course.
  - The Dr. Joan Giesecke Best Student Paper on Health Informatics Award will be presented to a graduate student or a group of graduate students for an outstanding paper which has been written for an iSchool course and which focuses on any aspect(s) of Health Informatics.
  - The iSchool defines Health Informatics broadly, including any work that focuses on health information management; health information technologies; health data analytics; health-related information needs or behaviors; health librarianship, etc.
  - The Dean's Award for Outstanding Undergraduate Research Achievement will be presented to an undergraduate student or a

group of undergraduate students for an outstanding research paper or project that has been completed for an iSchool course.

- At the iSchool, faculty and students are exploring how people access and use information.
- iSchool faculty and doctoral students also participate in or have affiliations with the University of Maryland Institute for Advanced Computer Studies (UMIACS), and the Maryland Institute for Technology in the Humanities (MITH) as well as the Departments of Computer Science, English, and Sociology, the Robert H. Smith School of Business, and the College of Education.
- The iSchool is home to a number of research centers and labs:
- The HCIL, though referred to as a lab, is actually a research center that is jointly administered by the iSchool and UMIACS, and has multiple labs, faculty, and students associated with it.

### Change

(1) **Directors:** T. Bezbabna (Assistant Director - Shady Grove), P. Duffy (Information Science Program Director - College Park), S. Jackson (Social Data Science Program Assistant Director), G. Madjaroff Reitz (Information Science Program Director - Shady Grove)

### (2) INFO College

- For any other inquiries please contact the INFO College Undergraduate Student Services Office at [ugadvising.ischool@umd.edu](mailto:ugadvising.ischool@umd.edu).
- Opportunities for undergraduate research experience in the INFO College's research centers become available from time to time.
- See the Information Science program staff for information on performing research in an INFO College center or lab and contact the Campus Career Services office for assistance in obtaining off-campus positions or experiences.
- The INFO College hosts an internship and networking fair in fall and spring semesters to help students find internship sites.
- The INFO College also offers a summer internship course that allows students to partner critical reflection on professional development with an existing internship opportunity.
- Scholarships administered by the INFO College for undergraduate students include:
- This scholarship was established in 2023 to return all royalties earned on the INST352 textbook (Understanding Human Information Behavior: When, How, and Why People Interact with Information) authored by INFO College instructors Beth St. Jean, Ursula Gorham, and Elizabeth Bousignore to one or more outstanding InfoSci students.
- Dean's Award for an Outstanding INFO College Project - The Dean's Award for an Outstanding INFO College Project will be presented to an INFO College student or a group of students (which includes at least one INFO College student) for an outstanding design or development project completed for an INFO College course.
- The Laurence B. Heilprin Award will be presented to an INFO College student or a group of students (which includes at least one INFO College student) for an outstanding paper on a topic in library and information science which has been written for an INFO College course
- The Dr. Joan Giesecke Best Student Paper on Health Informatics Award will be presented to a graduate student or a group of graduate students for an outstanding paper which has been written for an INFO College course and which focuses on any aspect(s) of Health Informatics.

- The INFO College defines Health Informatics broadly, including any work that focuses on health information management; health information technologies; health data analytics; health-related information needs or behaviors; health librarianship, etc.
- The Dean's Award for Outstanding Undergraduate Research Achievement will be presented to an undergraduate student or a group of undergraduate students for an outstanding research paper or project that has been completed for an INFO College course.
- At the INFO College, faculty and students are exploring how people access and use information.
- INFO College faculty and doctoral students also participate in or have affiliations with the University of Maryland Institute for Advanced Computer Studies (UMIACS), and the Maryland Institute for Technology in the Humanities (MITH) as well as the Departments of Computer Science, English, and Sociology, the Robert H. Smith School of Business, and the College of Education.
- The INFO College is home to a number of research centers and labs:
- The HCIL, though referred to as a lab, is actually a research center that is jointly administered by the INFO College and UMIACS, and has multiple labs, faculty, and students associated with it.

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## INFORMATION SCIENCE MAJOR AT SHADY GROVE

**Under** Information Science Major at Shady Grove (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/universities-shady-grove/information/information-science/>)

- Effective Fall 2024, an iSchool reference was updated to INFO College (*published August 27, 2024*).

### Original

Located just outside Washington, D.C., the iSchool provides unmatched research, internship, and career opportunities with government agencies, nonprofits, and businesses that shape information science and policy.

### Change

Located just outside Washington, D.C., the INFO College provides unmatched research, internship, and career opportunities with government agencies, nonprofits, and businesses that shape information science and policy.

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## Information Systems Major

**Under** Information Systems Major (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/business/decision-operations-information-technologies/information-systems-major-business-specialization/#requirementstext>)

1. Effective Spring 2025, "Business Area of Concentration" verbiage was removed from the program description (*published December 2, 2024*).
2. Effective Spring 2025, several major requirement adjustments were made (*published November 26, 2024*):
  - Removal of the upper level economics requirement
  - Approval of additional course substitutions
  - Adjustment of List A and B courses

### Original

(1) **Description:** The Business Area of Concentration in the Information Systems (IS) program prepares students to be effective planners, users, and managers of information technologies and systems in the current environment of the technology-enabled business firm.

(2) **Requirements:** See Information Systems Major (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/business/decision-operations-information-technologies/information-systems-major-business-specialization/#requirementstext>).

### Change

(1) **Description:** The Information Systems (IS) program prepares students to be effective planners, users, and managers of information technologies and systems in the current environment of the technology-enabled business firm.

(2) **Requirements:**

Course	Title	Credits
College Requirements ( <a href="https://academiccatalog.umd.edu/undergraduate/colleges-schools/business/#collegerequirementstext">https://academiccatalog.umd.edu/undergraduate/colleges-schools/business/#collegerequirementstext</a> )		
<b>Major Requirements</b>		
BMGT302	Essential Programming Skills for Business Analytics <sup>1</sup>	3
BMGT402	Database Systems <sup>2</sup>	3
BMGT403	Systems Analysis and Design	3
BMGT407	Information Systems Projects	3
Select two courses from list 'A' or one course from 'A' and one course from list 'B':		
List A:		
BMGT400	(Data Visualization and Web Analytics)	
BMGT401	(Big Data and AI using Cloud Computing)	
BMGT404	Essential Data Skills for Business Analytics <sup>3</sup>	
BMGT406	Developing Applications for the Web and Social Media	
BMGT408	Emerging Topics in Information Systems <sup>4</sup>	
BMGT485	Project Management <sup>5</sup>	
List B:		
BMGT326	Accounting Systems	
BMGT430	Data Modeling in Business	
BMGT461	Entrepreneurship	
BMGT476	Technology Applications in Supply Chain Management	
BMGT484	Digital Marketing	
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> CMSC132 Object-Oriented Programming II or INST326 Object-Oriented Programming for Information Science is an approved substitute.

<sup>2</sup> CMSC424 Database Design or INST327 Database Design and Modeling is an approved substitute.

<sup>3</sup> CMSC320 Introduction to Data Science is an approved substitute.

<sup>4</sup> Repeatable if content differs.

<sup>5</sup> INST453 Project Management for Information Science is an approved substitute.

In addition to the major requirements listed above, please consult the Summary of Bachelor of Science Degree Requirements (All Curricula) (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/business/#collegerequirementstext>) on the College Requirements section or [www.rhsmith.umd.edu](http://www.rhsmith.umd.edu) (<http://www.rhsmith.umd.edu>) for a listing of additional Smith School degree requirements that apply to all Smith School majors.

## International Development and Conflict Management Minor

**Under** International Development and Conflict Management Minor (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/behavioral-social-sciences/government-politics/international-development-conflict-management-minor/#requirementstext>)

- Effective Spring 2025, BSOS388 was replaced with GVPT357 (*published November 26, 2024*).

### Original

See International Development and Conflict Management Minor (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/behavioral-social-sciences/government-politics/international-development-conflict-management-minor/#requirementstext>).

### Change

Requirements for the minor include the following coursework:

Course	Title	Credits
<b>Required Courses</b>		
GVPT354	International Development and Conflict Management	3
GVPT355	Capstone in International Conflict Management	3
GVPT356	Capstone in International Development	3
ELECTIVE	Global Perspectives Elective courses from approved list	3
METHODS	One research methodology course from approved list	3
GVPT357	(IDCM Practicum Course)	1
<b>Total Credits</b>		<b>16</b>

**Note:** Six credits (or two courses) can be double counted for your major and the minor. Classes must generally be completed after acceptance into the minor program, with the exception of the elective and methods requirements.

All courses used to satisfy the requirements of the minor must be completed with a grade of "C-" or better. Students must have a minimum 2.0 cumulative grade point average across all courses used to satisfy the minor requirements.

## Physics Major

**Under** Physics Major (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/computer-mathematical-natural-sciences/physics/physics-major/#requirementstext>)

- Effective Fall 2024, credits were specified for PHYS4XY under the Applied Physics Specialization (*published August 16, 2024*).

### Original

See Physics Major (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/computer-mathematical-natural-sciences/physics/physics-major/#requirementstext>).

### Change

#### ADDITIONAL COURSES REQUIRED FOR THE APPLIED PHYSICS SPECIALIZATION:

Course	Title	Credits
ENME272	Introduction to Computer Aided Design	2
PHYS313	Electricity and Magnetism I	4
PHYS371	Modern Physics	3
PHYS375	Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics	3
PHYS401	Quantum Physics I	4
PHYS404	Introduction to Statistical Thermodynamics	3
PHYS413	Electricity and Magnetism II (Electricity & Magnetism II)	3
PHYS474	Computational Physics	3
PHYS456	Making Physics Experiments	3
One of the following:		3
PHYS485	Electronic Circuits	
PHYS487	(Computerized Instrumentation)	
PHYS4XY - Any Approved 400-level PHYS Elective		3-4
<b>Total Credits</b>		<b>34-35</b>

### Original

**Program Director:** Tamara Clegg, Ph.D.

### Change

**Program Director:** elizabeth bonsignore

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## Social Data Science Major

**Under** Social Data Science Major (INFO) (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/information/social-data-science-major/>) **and** Social Data Science Major (BSOS) (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/behavioral-social-sciences/social-data-science-major/>)

- Effective Fall 2024, the Program Director was updated (*published August 27, 2024*).

### Original

**Program Directors:** Brian Kim, Ph.D. and Katie Shilton, Ph.D.

### Change

**Program Director:** Brian Kim, Ph.D.

**Assistant Director:** Scott Jackson, Ph.D.

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## Technology and Information Design Major

**Under** Technology and Information Design Major (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/information/technology-info-design-major/>)

- Effective Fall 2024, the Program Director was updated (*published August 27, 2024*).