BACHELOR OF SCIENCE IN
Software Application Development and Human-Computer Interaction

⌨ ONLINE | 📍 ON CAMPUS | ⭐ BLENDED

Mercer University's **Bachelor of Science in Software Application Development and Human-Computer Interaction** (App Development and HCI) prepares students to build software applications that incorporate design best practices for a desirable user experience. By exploring how humans interact with technology, you will gain an understanding of how to create innovative experiences that are both user-centered and efficient. Dive into the world of development with courses in programming concepts, mobile application development, multimedia design tools, agile development methodology, usability testing, and more. With project-based coursework and a comprehensive capstone, this program provides the professional skills that are key for a successful career.

WHICH TECHNOLOGY DEGREE IS RIGHT FOR YOU?

Program	Interests	Career Goal(s)	Skills Developed
B.S. in Software App Development and HCI	· Logical thinking and problem-solving · Computer programming · System design and analysis · Human-centered design	Full-Stack Developer, Information Technology Specialist, Software Developer, Software Program Analyst, Tester/QA Engineer, UI/UX Designer, Website/App Development Consultant	· Database development · Data processing · Programming · Agile project management · Application design and development
B.S. in Health Informatics	· Analysis · Project management · Improving patient outcomes	Clinical Informatics Manager, Clinical Information Systems Analyst, Data Quality Analyst, Health Information Technician, Healthcare Data Analyst, Healthcare Human-Computer Interaction Designer, Hospital IT Analyst, Insurance Claims Analyst, Nursing Informatics Specialist, Patient Information Coordinator	· Health data analytics · Healthcare industry software · Health information systems analysis
B.S. in IT and Informatics	· Leadership roles in technology · Innovation · Project management	Computer Systems Analyst, Data Analyst, Database Administrator, Information Systems Designer, Information Technology Officer, Information Technology Specialist, Innovation Officer for Technology, Quality Assurance Analyst, System Architect, Technical Consultant	· Systems analysis · Computer systems management · Technology innovation · Decision theory

Online and On-Campus Options

The B.S. in App Development and HCI is offered fully online and on Mercer's Atlanta campus. Students have the flexibility to enroll in a blended combination of live online classes, asynchronous online classes, and in-person evening classes. Classes are structured in an eight-week course format. On-campus classes meet one night per week, and students can comfortably take two classes per week while maintaining a work-life balance.

MERCER
UNIVERSITY
COLLEGE OF
PROFESSIONAL ADVANCEMENT

PROGRAM OF STUDY
B.S. in App Development and HCI

Foundations in Major (45 hours)

INFM 201	Introduction to Software Application Development and Human-Computer Interaction
INFM 202	Graphics and Interface Design
INFM 204	Digital Logic and Programming
INFM 210	Introduction to Programming Concepts
INFM 212	Web Development
MATH 225	Topics in Discrete Mathematics
INFM 310	Advanced Programming Concepts
INFM 312	Data Base Design and Data Processing
INFM 313	Data Base Design and Data Processing II
INFM 322	Introduction to Multimedia and Web Design Tools **OR**
INFM 332	Client-Server Development
INFM 355	Systems Analysis and Design
INFM 372	Human-Computer Interaction and Design
INFM 382	Mobile Applications Development
INFM 412	Agile Methodology and Usability Study/Testing
INFM 482	Capstone Project for Software Application Development and Human-Computer Interaction

Total major requirements: 45 hours
General education: 39 hours
Electives: 36 hours
Total degree requirements: 120 hours

Students with prior professional experience may have the opportunity to apply to complete a portfolio assessment. Upon completion, review, and approval of the assessment, students may receive a maximum of 12 semester hours of credit.

Admission to Program

Candidates must have a cumulative grade point average of at least 2.25 (on a 4.0 scale). The program admits students five times per year in January, March, May, August, and October. Applicants may be eligible to transfer credits toward the degree. Learn more and apply at **workingadults.mercer.edu**.

REQUIRED APPLICATION MATERIALS INCLUDE:

· High school or GED transcript (if applicable)
· Completed application for admission
· $25 non-refundable application fee ($50 for international students)
· Official transcripts from all previously attended institutions

International applicants should consult the University catalog for additional requirements.

A Top-Ranked Leader in Education

Founded in 1833, Mercer University is one of America's most distinctive universities. *U.S. News & World Report* has ranked Mercer among the leading universities in the nation—including a **"Best Value"**—and The Princeton Review consistently ranks Mercer in the **Top 15%** of colleges and universities nationwide.

Students are taught by expert professors who combine class instruction with relevant work experience. Through personal attention and support, students are empowered to achieve their educational and career goals.

Mercer University's College of Professional Advancement continues the University's long-standing commitment to serving professional students seeking advancement into leadership roles in their careers. Distinctive interdisciplinary undergraduate, graduate, and workforce development programs merge theory and practice to help students solve problems and add value in the workplace.

BEST COLLEGES U.S.News & WORLD REPORT — NATIONAL UNIVERSITIES 2022

BEST COLLEGES U.S.News & WORLD REPORT — SOCIAL MOBILITY 2022

BEST COLLEGES U.S.News & WORLD REPORT — BEST VALUE SCHOOLS 2022

GEORGIA'S FIRST MILITARY ORDER PURPLE HEART — PURPLE HEART UNIVERSITY — 1782 OF THE U.S.A. 1932

MILITARY FRIENDLY SCHOOL '21-22 BRONZE

CONTACT US

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