

Final Exam:

Topic: Informatics Website Design

Some of the resources are listed here or a link you can find them

The procedure will be:

1. User and task analysis
2. Design and prototype - interview users (site level and page layout)
3. Development with Dreamweaver or free template, Test with users. (Link your site from your landing page.(http://insymercercer.org/~insy211_11u_x/))
4. Testing - Test with users and user feedback in writing

Informatics Program Website Development

[Major](#)

[Admission](#)

[Student learning outcomes](#)

[Degree requirements](#)

[Course Descriptions](#)

[Faculty advisors](#)

Others

[Student life](#)

[Events](#) (Please find the info from Mercer site events related with New Informatics)

[Conferences](#) (list Informatics, computer science related conferences)

[Careers or job opportunities](#) (please find info online CareerBuilder)

[Academic calendar and courses schedule](#)

<http://www2.mercer.edu/Registrar/Classes/RAC/default.htm>

....

Informatics Major

Bachelor of Science in Informatics in the College of Continuing and Professional Studies includes a common core of courses plus three alternative tracks of study. The tracks are:

- (a) Health Information Technology
- (b) Web Development and Human Computer Interaction
- (c) General Informatics

Field of informatics

Informatics is a broad academic field, which combines solid grounding in computer programming, mathematics, and statistics with study of the ethical and social science aspects of complex information systems. Students in informatics programs develop the skills to design, implement, and evaluate the next generation of information technology tools for different industries and/or disciplines.

Degree requirement

In addition to general education and elective course work, the Bachelor of Science in Informatics requires 33 semester hours in Informatics core courses, plus 15 semester hours from one of three tracks. A total of 120 semester hours are required for degree completion. Please see details of degree requirements [here](#).

Potential careers for graduates

- Application developer
- Business analyst
- Clinic health informatics
- Database administration
- Data Mining Specialist
- EMR analyst
- Healthcare data analyst
- Human-computer Interaction designer
- Information system officer
- Network administration
- Quality assurance
- Multimedia designer
- Software engineer
- System analyst
- User interface designer

Program Coordinator:

Feng Liu Ph.D.

Phone: (678)547-6046

Email: Liu_F@mercer.edu

Informatics Program Coordinator

Assistant Professor of Informatics

Admission Requirements

Please find the info from the Center and Atlanta catalogs (CCPS admission requirement)

http://www2.mercer.edu/NR/rdonlyres/FA20E0D5-77A1-4B3C-A2F9-E2632255FF7C/0/10_11RAC.pdf (page 112, 113)

Minor s

Please refer to the <http://ccps.mercer.edu/departments/msis/minors/>

Student learning outcomes

Students in the Informatics program will be able to:

- 1) Identify the theory of Informatics.
- 2) Identify the practice of Informatics.
- 3) Apply data structures and algorithms to solve Informatics problems.
- 4) Create software designs that relate to the relevant areas of the curriculum.

Students in Health Information Technology Track will be able to:

- 1) Make decisions relevant to the health professions.
- 2) Use techniques useful in the management of medical data.
- 3) Communicate effectively so as to implement technical knowledge.

Students in Web-Development and Human-Computer Interaction Track will be able to:

- 1) Employ user-centered system interface design principles.
- 2) Develop platform independent informatics applications.
- 3) Analyze human-computer interactions to create optimally usable software designs.

Students in General Informatics Track will be able to:

- 1) Employ informatics operations using computer technology.
- 2) Apply basic informatics principles in a variety of disciplines.
- 3) Demonstrate interdisciplinary perspective embracing different aspects of the university curriculum.

Degree requirements

Bachelor of Science in Informatics Degree: 120 Semester Hours.

Please obtain a full version of the curriculum check list [here](#) (link to the checklist.pdf attached).

Core Courses (33 hours)

Introduction to Informatics
Introduction to Computer Systems
Programming Concepts for Informatics
Web Development
Advanced Programming Concepts
Data Communications and Network Systems Design
Data Base Design and Informatics
Systems Analysis and Design
Introduction to Abstract Mathematics
Calculus for the Social and Life Sciences
Applied Statistical Methods

Track A: Health Information Technology (15 hours)

Survey of Health Informatics
Health Informatics Standardization
Basic Biostatistics, Health data processing, and Literature Evaluation
Research Methods for Health Informatics
Capstone for Health Informatics

Track B: Web Development and Human-Computer Interaction (15 hours)

Graphics and Interface Design
Introduction to Multimedia and Web Design Tools
Client - Server Development
Human-Computer Interaction & Usability Study
Capstone for HCI

Track C: General Informatics (15 hours)

Issues in Technology Management
Technology and Culture
Informatics, Expert Systems, and Artificial Intelligence

Comparative Organizational Informatics
Capstone for General Informatics

Elective courses

Contemporary Programming
Social Service Informatics Computer Privacy, Ethics, Crime, and Society
Special Topics in Informatics (1-3 hours)
Directed Study in Informatics (1-3 hours)

Course Descriptions

(Please refer to the attached courses_description.pdf)

Faculty Advisors



Gary M. Blome

Assistant Professor of Information Systems

B.A., Michigan State University, 1965; M.B.A., University of North Dakota, 1979; M.S., Troy State University, 1988

Office telephone: 478-301-5396

Email: BLOME_GW@Mercer.EDU



Feng Liu

Program coordinator of Informatics

Assistant Professor of Informatics

B.S., Jilin University of Technology, China, 1995; M.S., Ph.D., Georgia State University, 2000, 2005

Office telephone: 678-547-6046

Email: LIU_F@Mercer.EDU



Kenneth W. Revels

Associate Professor of Information Systems

B.B.A., University of West Georgia, 1985; M.B.A., Keller Graduate School of Management, 1997; Ph.D., Nova

Southeastern University, 2001

Office telephone: 678-547-6483

Email: REVELS_KW@Mercer.EDU

Student life

- Wireless service on Douglas and Henry centers (pictures)
- Library service on all centers (find information on the mercer web)
- Computer Lab Service. (Find information on the mercer web)
- Buy book online....