

Management and Information Sciences Department
CIS and CS Disciplines



Highlights of our departmental colleagues' activities and accomplishments in 2010-2011 -- continued

--- Continuous increases in enrollment over the past several years. This trend is expected to continue this year.

Management & Information Sciences Department Enrollment 2007-2011

Discipline	2007	2011	%Change
CS	66	108	%64
CIS	115	169	%47
Management	127	161	%26
Total	308	438	%42

Highlights of our departmental colleagues' activities and accomplishments in 2010-2011 -- continued

Three interdisciplinary minors

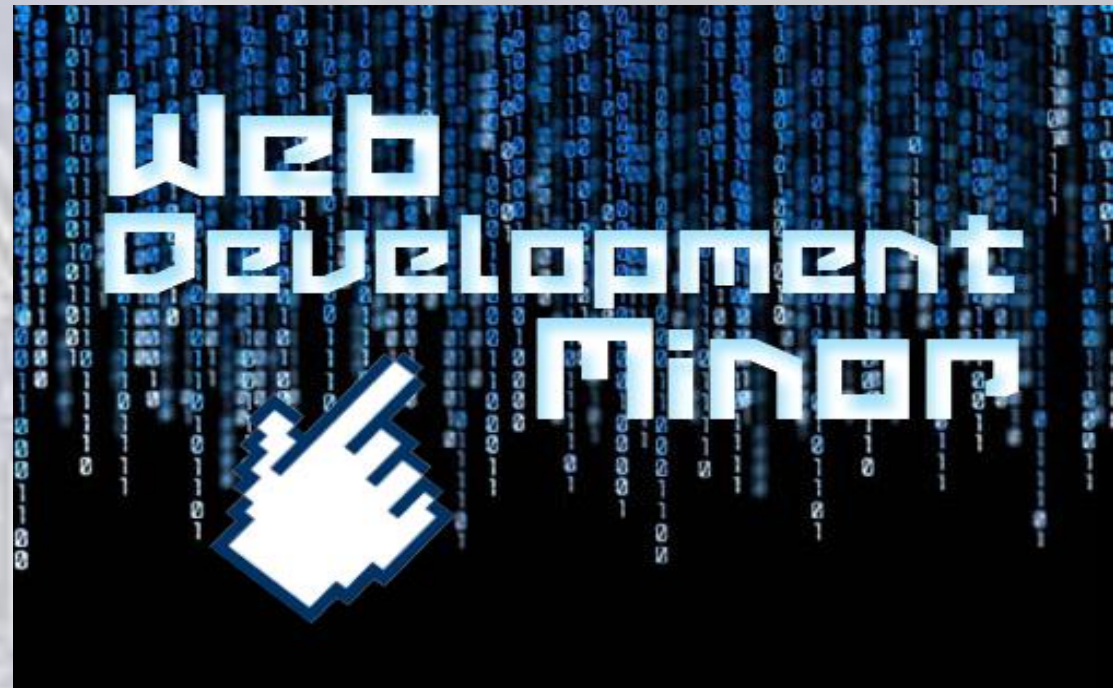
- *Entrepreneurship,*
- *Human Resources*
- *Enterprise Web Development*

...offered to both Business and non-Business students.

Sample of possible brochure

(designed by Public Relations students
in the College of Liberal Arts)

The *Enterprise Web Development Minor* was developed through collaboration with faculty from other disciplines (Art, Public Relations, and Communications Departments)



Increasing Your Career Potential

The Web Development minor explores cutting-edge concepts for University of Southern Indiana students in web development through an interdisciplinary, collaborative, and engaged approach to serve organizations and business.

Opportunities

The Web Development minor is the first cross-college interdisciplinary program offered at USI. It combines the knowledge learned within 3 separate majors to create this advanced minor with a variety of skill sets.

Majors linked with Web Development

Art

- Graphic Design
- Interactive Media Design

Business

- Computer Information Systems

Communications

- Public Relations
- Journalism



Highlights of our departmental colleagues' activities and accomplishments in 2010-2011 – continued

Six new tracks that enable students to choose an area within their discipline on which to focus:

3 tracks in Management

- *Human Resource Management*
- *Innovation Management*
- *General Management*

3 tracks in CIS

- *Enterprise Web Development,*
- *Application Web Development*
- *IS Management*

Proposed CIS Requirements

University Core Requirements (50 hours)

Business Requirements (31 hours): College of Business Core, which includes MNGT 452.

Electives, including at least 3 hours of 300/400 level courses (10 hours)

Computer Information System Core Requirements (21 hours):

- CIS 111 Introduction to Programming Logic 3 hours
- CIS 305 Management Information Systems 3 hours
- CIS 367 Data Communications 3 hours
- CIS 375 Systems Analysis and Design 3 hours
- CIS 377 Introduction to Database Concepts 3 hours
- CIS 454 Managing Information Technology 3 hours
- CIS 477 Project Management & Applied Software Development 3 hours

Proposed CIS Tracks

6 new courses and 1 course totally revised

Enterprise Web Development Track	Application Development Track	IS Management Track
<p>CIS276 – Intro to Web Development</p> <ul style="list-style-type: none"> • Hi-level overview of business application development • Graphics, technical writing, technologies • Business cases for successful/unsuccessful applications 	<p><i>CS259 – Beginning C#</i></p>	<p>CIS335--Special Topics in Information Systems (e.g., Health Informatics) <i>through collaboration with the College of Health Professions</i></p>
<p>CIS376 – Web Client Development</p> <ul style="list-style-type: none"> • HTML, DHTML, XML, CSS, JavaScript 	<p><i>CS359 – Advanced C#</i></p>	<p>CIS345-- Security and Risk Management</p>
<p>CIS476 – Server-Side Web Development</p> <ul style="list-style-type: none"> • Php, MySQL 	<p>CS459 – Enterprise C# -- ASP .NET using C#</p>	<p>CIS 385-- Enterprise Resources Planning -- ERP</p>
<p>Require one course from IS Management Track</p>	<p>Requires one course from IS Management Track</p>	<p>Requires one course from Application Development Track</p>

Highlights of our departmental colleagues' activities and accomplishments in 2010-2011 – continued

- New courses and revised courses in Management, CIS, and CS that support the new minors/tracks and build bridges to students who do not have strong backgrounds in our disciplines--CS101 & CIS141
- High # of CS freshmen students used to fail in CS201 (Java). We are now offering CS101 & CS201 at the same time. Students are placed in one of the two courses, based on Math entrance exam test scores and are switched from one class to the other, if necessary.
- Based on preliminary indication, this has improved student success rate in CS201 and increased the chances of CS101 students' ability to continue in the CS major.
- Exemplary Academic Program Reviews for Management and CIS, with CS Review submitted for evaluation.
- Increase in number of student participants in Student Mentoring & Internship -David Smith
- Increase in number of IT Alliance scholarships.

Highlights of our departmental colleagues' activities and accomplishments in 2010-2011 – continued

- Engagement with the community via the IT Alliance, Crane Naval Base, and cross-disciplinary collaborations with the Colleges of Liberal Art, Health Professions, and Engineering.
- Chuck Armstrong (Art), Chad Tew (Journalism & Communications), Mary Beth Reese (Public Relations), Kevin Valadares (Program Director, Health Services Administration).
- Revised recruitment brochures and letters targeted at high school students and other USI students.
- Retention activities--student competitions, student chapters of professional organizations like AITP, and student clubs.

Successful recruitment of top candidates in CIS and Management over the past few years:

In 2009: Management/Human Resources—**Dr. Jason Fertig**
Management/Entrepreneurship--**Mr. Bryan Bourdeau**
Management—**Dr. Nancy Kovanic**

In 2010: CIS-**Drs. Sandeep Goyal and Kenneth Shemroske**
Management/International Business/Strategy—**Dr. Sang Kim**

In 2011: Management/Org. Behavior-- **Dr. Laci Rogers**

Good news!

Upcoming in 2012: Management/Entrepreneurship—**Dr. Jack Smothers**

- Progress toward development of assessment instruments for Management, CIS, and CS, to supplement those already in place in the COB.
- Exit survey for graduating seniors developed and implemented.

Proposed USI/IT Alliance

High School Day (9 a.m.-1 p.m.)

(similar to recruitment events used by the Accounting Circle)

- Involvement of IT Alliance, faculty, and CIS/CS students
- activities such as:
 - Welcome and introductions by IT Alliance President, Dean Khayum, and other IT Alliance members and faculty.
 - Keynote Speaker by an IT Alliance member or other invitees
 - IT Alliance Panel Discussion
 - Other activities to involve students, such as a game
 - Lunch
 - Admission Office, Financial Aid, and Placement Presentation
- Cost of event for approximately 60 students--\$1,000.