University of Wisconsin-Whitewater

Curriculum Proposal Form #4R

# **Change in or Deletion of an Existing Course**

Type of Action (check all that apply)

 [ ]  Pre-requisite Change

[ ]  Add Cross-listing \* [ ]  Technological Literacy

[ ]  Course Deletion [ ]  Title Change
[ ]  Number Change [ ]  Writing Requirement

[x]  (other) Course description

**Effective Term**:

**Current Course Number** (*subject area and 3-digit course number)*: COMPSCI 482
**Cross-listing *(if applicable)***:

**New Course Number** (*subject area and 3-digit course number*):

**Cross-listing *(if applicable)***:

**\*If adding a cross-listing, include the following:**

Required in the major:

Required in the minor:

Number of credits: Lab hours/week:

Contact hours/week: Repeatable

**Current Course Title**: Web Database Development

**New Course Title**:

**25-Character Abbreviation** *(if new title)*:

**Sponsor(s)**: Sobitha Samaranayake

**Department(s):** Mathematical and Computer Sciences

**College(s):**

**List all programs that are affected by this change:**

If programs are listed above, will this change affect the Catalog and Advising Reports for those programs? If so, have Form 2's been submitted for each of those programs?

(Form 2 is necessary to provide updates to the Catalog and Advising Reports)

[ ]  NA [x]  Yes [ ]  They will be submitted in the future

Proposal Information: ([***Procedures for form #4R***](http://acadaff.uww.edu/UCC/Curriculum_Handbook_09/Procedures_form4R.docx))

1. **Detailed explanation of changes** (use FROM/TO format)

***FROM:***

This course will introduce students to MySOL databases and PHP3 scripting on a UNIX platform. Students will create and interact with databases via the web. Topics will include SQL; creating, accessing and updating server-side databases; a variety of database-to-web interface tools; and the PHP embedded scripting language. Transactions with other database products via PHP will also be considered.

***TO:***

This course will introduce students to database applications using MySql databases on a UNIX platform. Topics will include SQL; creating, accessing and updating server-side databases; and a variety of database-to-web interface tools. Transactions with other database products via CGI scripting will also be considered.

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## Justification for action

The department of Mathematical and Computer Sciences introduced the Web Database Development course in 2001, and PHP was chosen as the CGI scripting language to interact with databases via the web. CGI scripting languages are evolving and there are many other modern scripting languages available and supported by the large majority of vendors. Therefore, it makes sense to expose the students to current and most common scripting languages used in the industry.