

**COURSE APPROVAL FORM, Graduate School
University of Arkansas for Medical Sciences**

This form and attached materials are due in the Graduate School Office on the first Monday of the month. All forms will be submitted to the UAMS Graduate Council Curriculum Committee for review and approval prior to consideration by the Graduate Council.

This form is not required for minor stylistic or editorial corrections to the title or course descriptions. These may be made when revising the catalog copy.

1. **Program:** Biomedical Informatics

D	B	M	I				
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Department *Alpha (Department) Code*

2. **Action proposed** (indicate one or more items): Effective term: Fall 2017

<input checked="" type="checkbox"/> Add course	<input type="checkbox"/> Change title		
<input type="checkbox"/> Eliminate course (No outline needed)	<input type="checkbox"/> Change credit hours from: _____ to _____		
	<input checked="" type="checkbox"/> Change course number from: <u>None</u> to <u>BMIG 5012</u>		
	<input type="checkbox"/> Change description		

3. **Course ID, title and description:**

<table border="1" style="display: inline-table;"><tr><td>B</td><td>M</td><td>I</td><td>G</td></tr></table>	B	M	I	G	<table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td></tr></table>					<u>Intro to BMI II</u>
B	M	I	G							
prefix	number	title (20 characters)								
<u>Introduction to Biomedical Informatics II</u>										
catalog name (40 characters)										

Scheduled offering: Fall Spring Summer On demand

To cross list a course, use the Course Cross Listing Form.

Describe the course in sentence form using 50 words or less as it is to appear in the catalog. List prerequisites, co-requisites and possible off-site instructional opportunities or requirements.

The introduction to the discipline is continued through additional key application areas, thought leaders, seminal work and methods common across Biomedical Informatics. Major topics covered include structured, semi-structured and unstructured data in biomedicine computer-aided human use of data in biomedicine, and ethical, policy and legal issues in biomedical informatics.

4. **Justification:**

Justify this change in terms of course needs or curriculum improvement. State the effect of this change on any degree programs. Identify the courses to be eliminated, if any, if this course is approved. (Course Approval Forms must also be submitted for these courses) Identify any existing course or courses that would extensively overlap or be duplicated if the proposed curricular change occurs. Provide statements of concurrence with the change from the chairperson(s) and dean(s) of the programs/areas offering the affected courses.

Both the External Advisory Committee and the review statements from the federal T15 grant noted that the core courses for the DBMI curriculum should be expanded. This addition reflects the need to expand the content of the program's core courses. This course does not currently have a course number. However, BMIG 5012 should be the course number for this course. BMIG is currently the course number for the Medical Decision-making course. Please assign a different course number to the Medical Decision-making course.

INSTRUCTIONS FOR COMPLETION OF THE UAMS GRADUATE SCHOOL COURSE APPROVAL FORM

1. Please save this PDF to your computer for editing.
2. The form has been designed with fields for your responses, and these are indicated in blue and gray shading. Please complete all fields. Use the "tab" key to move between fields. A 'beep' will sound if you attempt to enter a response that contains more characters than is permitted. **IF YOU NEED HELP IN ANY OF THE FIELDS, PRESS THE F1 KEY AND A HELP WINDOW WILL OPEN.**
3. Print the document, and then obtain the appropriate signatures before submitting the form to the Graduate Office.

5. Course Information: *This information is not required for seminars, special problems, research, thesis, dissertation, colloquia, practica, etc.*

Course Title and Course number: *See Graduate School Office for assignment of course number.*

Credit Hours:

Proposed Date/Semester:

Course Description: *Briefly describe course topics and educational materials the course will cover.*

Course Goals or Objectives: *State at least one: examples.*

- To evaluate ...
- To demonstrate ...
- To measure...
- To conduct ...
- To be able to ...

Course Prerequisites: *State if any; if none, indicate "No prerequisites."*
The prerequisites are...

Attendance: *See example below.*

Attendance is required for all classes. Excused absences may be obtained only by permission from the course director. Make-up exams will only be given under the most extenuating circumstances.

Student Evaluation: *See examples below;*

This is a pass/fail course. A grade of 70% or greater will constitute a "pass".

Students' grades will be based on the following:

Attendance, discussion of reading, class/lab participation.....	20%
Final Examination	80%
TOTAL.....	100%

Course Evaluation: *See example below; include evaluation by faculty peers as well as by students.*

At the end of the course, students will be provided with a Course Evaluation Form to anonymously assess the content and delivery of the course. Faculty will assess the course each term and make any appropriate modifications and updates.

Textbooks/Reading Materials: *See examples below.*

Textbook XXX along with other assigned reading will be used.

There will be no textbook but journal articles will be assigned reading.

Students will be e-mailed a copy of the PowerPoint presentations before each lecture.

Course Director(s): Dr. XXX

Tentative Course Schedule:

Session	Date	Topic	Instructor
1			
2			
3			
4			
5			
6			

6. Program Approvals:

Fred Prior, PhD, Department of Biomedical Informatics
(Print or type) Chairperson, Academic Department or Area

Fred Prior 05/15/2017
(Signature) Chairperson, Academic Department or Area Date

College Dean (Dean McGehee for College of Medicine) Date

7. Graduate School Approvals

Chairperson, Graduate Council Date

Dean of the Graduate School Date