

LSC Use Only No: <u>07-160</u>	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date: <u>App 10/21/07</u>	Senate Action Date: <u>App -12/4/07</u>
--------------------------------	------------------	--------------------	--	---

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person Waleed Farag	Email Address farag@iup.edu
Proposing Department/Unit Computer Science	Phone 7-7995

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. Course Proposals (check all that apply)

New Course Course Prefix Change Course Deletion
 Course Revision Course Number and/or Title Change Catalog Description Change

<u>Current</u> Course prefix, number and full title	<u>Proposed</u> course prefix, number and full title, if changing
---	---

2. Additional Course Designations: check if appropriate

This course is also proposed as a Liberal Studies Course. Other: (e.g., Women's Studies, Pan-African)
 This course is also proposed as an Honors College Course.

3. Program Proposals

New Degree Program Catalog Description Change Program Revision
 New Minor Program Program Title Change Other Change minor requirement
 New Track

<u>Current</u> program name	<u>Proposed</u> program name, if changing
-----------------------------	---

4. Approvals		Date
Department Curriculum Committee Chair(s)	<i>[Signature]</i>	5 Dec 06
Department Chair(s)	<i>[Signature]</i>	12/7/06
College Curriculum Committee Chair	<i>[Signature]</i>	05/17/07
College Dean	<i>[Signature]</i>	9/24/07
Director of Liberal Studies *		
Director of Honors College *		
Provost *	<i>[Signature]</i>	10/4/07
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs	<i>[Signature]</i>	10/2/07



* where applicable

Received

Part-II Description of the Curriculum Change

1. Summary of the proposed revisions

The requirement for the minor in Computer Science has been changed to 18 credits along with specifying one required course.

2. Justification/rationale for the revision

The number of credits required to take a minor in Computer Science has been updated from 15 to 18 and will conform to the new regulations stipulated by the PASSHE for new minors. In addition, one of three courses [COSC 210, 220, 300] is required in order to minimize overlaps between the minor in Computer Science and the minor in Information Assurance.

Part-III Letters of Support or Acknowledgement

N/A

New Catalog description of the Computer Science minor will be as follow:

Minor – Computer Science **18cr**

Required Courses:

At least one of the following courses:

COSC 210	Object Oriented and GUI Programming	3cr
COSC 220	Applied Computer Programming	4cr
COSC 300	Computer Organization and Assembly Language	3cr

And COSC electives (1, 2, 3) 15cr

- 1) At least six out of the elective 15cr must be of COSC courses numbered higher than 200.
- 2) COSC 101 is an appropriate entry course for minor. However, COSC 101 cannot be counted as part of a Computer Science minor by Management Information Systems majors.
- 3) See Computer Science minor advisor for suggestions.

Old Catalog description of the Computer Science minor:

Computer Science Minor 15cr

Required Courses:

COSC Electives: (1) (2) (3) 15sh

- 1) The minor in Computer Science consists of 15sh of COSC electives. At least 9sh of the 15sh must be from COSC courses numbered higher than 200.
- 2) COSC 101 is an appropriate entry course for minors or for students who wish to take only one course. However, COSC 101 cannot be counted as part of a Computer Science minor by Management Information Systems (MIS) majors.
- 3) See Computer Science minor advisor for suggestions.

Subject: RE: A kind request
From: "Gary Stoudt" <Gary.Stoudt@iup.edu>
Date: Thu, 30 Nov 2006 13:11:56 -0500
To: "Waleed Farag" <farag@iup.edu>

Hi Waleed.

The Mathematics Department supports the revision to the minor in Computer Science. Applied Mathematics and Mathematics majors have plenty of free electives to accommodate the extra credits in the minor, should they choose it. We also appreciate the need to add a programming course to the requirements for the minor.

Gary

Gary Stoudt
Mathematics Department

-----Original Message-----
From: Waleed Farag [<mailto:farag@iup.edu>]
Sent: Wednesday 29 November 2006 2:58 PM
To: Gary.Stoudt@iup.edu
Subject: A kind request

Dear Dr. Stoudt,

We are slightly modifying the requirements for the minor in computer science. The detailed can be found in the attachment. In summary, we increased the required credit hours to 18 instead of 15 and explicitly required an upper-level programming course. Because these modifications can affect some of your majors, we kindly request a letter of support from your department. We would appreciate if you can do that ASAP because we are in the process of preparing for ABET accreditation and need to pass it to the college curriculum committee very soon. Many thanks for your cooperation. Best regards.

--
Waleed Farag, Ph.D.
Department of Computer Science
Indiana University of Pennsylvania
Indiana, Pennsylvania, 15705, USA.

Web Page: <http://www.people.iup.edu/farag>
Email: farag@iup.edu
Phone: (W) (724)357-7995
Fax: (724)357-2724

Subject: Re: A kind request
From: "hershman" <hershman@iup.edu>
Date: Tue, 5 Dec 2006 16:05:25 -0500
To: "Waleed Farag" <farag@iup.edu>

Dr. Farag,
The Physics Department met today and discussed your proposal. As a result the Physics Department hereby endorses your proposed modification of your Computer Science Minor from 15 hrs to 18 hrs.
Sincerely,
Ken Hershman
IUP Physics Department

----- Original Message ----- From: "hershman" <hershman@iup.edu>
To: "Waleed Farag" <farag@iup.edu>
Sent: Wednesday, November 29, 2006 4:52 PM
Subject: Re: A kind request

Dear Dr. Farag
I will bring this before our faculty on Dec 5, our next faculty meeting, and provide a letter of response at that time. This is the quickest turn-a-round time that I can manage.
Best regards,
Ken

----- Original Message ----- From: "Waleed Farag" <farag@iup.edu>
To: <hershman@iup.edu>
Sent: Wednesday, November 29, 2006 2:59 PM
Subject: A kind request

Dear Dr. Hershman,

We are slightly modifying the requirements for the minor in computer science. The detailed can be found in the attachment. In summary, we increased the required credit hours to 18 instead of 15 and explicitly required an upper-level programming course. Because these modifications can affect some of your majors, we kindly request a letter of support from your department. We would appreciate if you can do that ASAP because we are in the process of preparing for ABET accreditation and need to pass it to the college curriculum committee very soon. Many thanks for your cooperation. Best regards.

--

Waleed Farag, Ph.D.
Department of Computer Science
Indiana University of Pennsylvania
Indiana, Pennsylvania, 15705, USA.

Web Page: <http://www.people.iup.edu/farag>
Email: farag@iup.edu
Phone: (W) (724)357-7995
Fax: (724)357-2724

Indiana University of Pennsylvania



Department of Management Information Systems
The Eberly College of Business and Information Technology
664 Pratt Drive, Room 203
Indiana, Pennsylvania 15705-1036

724-357-2929
Fax: 724-357-4831
Internet: <http://www.eberly.iup.edu/im/>

December 4, 2006

Dr. Sanwar Ali
Professor of Computer Science
IUP
332A Stright Hall
210 South 10th Street
Indiana, PA 15705

Dear Dr. Ali:

I have been informed that your department is modifying the requirements for the minor in computer science. I have read the details in the attachment and conclude that you have increased the required credit hours to 18 instead of 15 and explicitly required an upper-level programming course. These modifications may affect some of our MIS majors, and I know that several of our MIS students have taken these courses, as either a minor or as an elective, over the past three years. I believe that our students will continue to take these courses in the future. I am sending you an official supporting letter so that you may proceed to take these changes to the college.

Sincerely,

A handwritten signature in black ink that reads "James A. Rodger".

James A. Rodger
Professor MIS/DS