

Rowan University
Computer Science Department

Proposal: Minor Change to the Computer Science Major Requirements

1. Details

a. Changes Requested

We request approval for the following minor change to the Computer Science major requirements: increasing the required number of advanced restricted electives in the major from three to four.

b. Sponsor

Stephen J. Hartley and members of the Computer Science Department Curriculum Committee.

2. Rationale

a. Need for the Changes

Meeting the new General Education model required moving Calculus I from the CS degree requirements into the Science and Math bank of the General Education requirements in order to have a math course in that bank.

This change leaves the B.S. in Computer Science with 59 s.h. major requirements, 15 s.h. free electives, and 46 s.h. general education.

Since a B.S. requires a minimum of 60 s.h., we are reducing the free elective s.h. to 12 and increasing the major requirements to 62 s.h. This will be accomplished by requiring an additional advanced restricted elective in the major, an increase from a total of three to four advanced restricted electives.

b. Curricular Effect

The B.S. in Computer Science remains at 120 s.h.

3. Results of Consultation

We solicited letters of consultation from Management Information Systems, Mathematics, and Electrical/Computer Engineering. Received letters are attached.

From hartley Thu Feb 10 13:33:52 2005

To: czochor@rowan.edu, hamilton@rowan.edu, mcfarland@rowan.edu,
schmalzel@rowan.edu, shreek@rowan.edu

Cc: amer@rowan.edu, kay, nlt, rusu@rowan.edu

Subject: new CS Gen Ed requirements proposal

revised May 3, 2005

A heads-up about our new Gen Ed requirements.

<http://elvis.rowan.edu/~hartley/Curriculum/newGenEd.pdf>

We had to make a minor change to our major requirements.

<http://elvis.rowan.edu/~hartley/Curriculum/minorChangeMajor.pdf>

Steve Hartley

From hamilton@rowan.edu Thu Feb 10 14:48:00 2005
Date: Thu, 10 Feb 2005 14:47:10 -0500
From: "Diane Hamilton" <hamilton@rowan.edu>
To: <hartley@elvis.rowan.edu>
Cc: "Daniel J. McFarland" <mcfarland@groupwise.rowan.edu>
Subject: Re: new CS Gen Ed requirements proposal

Hi Steve,

The MIS faculty have no problem with the change in your major requirements as it doesn't affect us at all. Thank you for sharing it with us.

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Diane Hamilton, Ph.D.
Professor of MIS

Rowan University
College of Business
201 Mullica Hill Rd
Glassboro, NJ 08028

856-256-4760 (phone)
856-256-4439 (fax)

From kay Thu Feb 10 15:43:52 2005
Date: Thu, 10 Feb 2005 15:41:38 -0500
From: Jennifer Kay <kay@elvis.rowan.edu>
To: "Stephen J. Hartley" <hartley@rowan.edu>
CC: czochor@rowan.edu, hamilton@rowan.edu, mcfarland@rowan.edu,
schmalzel@rowan.edu, shreek@rowan.edu, amer@rowan.edu, kay@rowan.edu,
nlt@elvis.rowan.edu, rusu@rowan.edu, fleming@rowan.edu
Subject: Re: new CS Gen Ed requirements proposal

Ron, Bob, and John,

For the record, Steve's message was an official (very late, since we only just finished it) request for a consult on our gen ed changes and the change to the major. I don't think it actually affects any of you in

revised May 3, 2005

the slightest, but nonetheless we like to keep you in the loop.

Thanks,

-- Jennie

From hartley Tue Apr 19 15:56:37 2005
To: czochor@rowan.edu, schmalzel@rowan.edu, shreek@rowan.edu
Cc: kay, milou@rowan.edu
Subject: Re: minor change to CS major curriculum

Eric is holding up the following proposal until we get consultation letters from Math and ECE. The proposal describes a minor change to our major requirements we had to make in order to implement the new Gen Ed model.

<http://elvis.rowan.edu/~hartley/Curriculum/200502/minorChangeMajor.pdf>

For your reference, here is the new Gen Ed proposal for CS, which has been approved.

<http://elvis.rowan.edu/~hartley/Curriculum/200502/newGenEd.pdf>

I apologize for bothering you about this during this very busy time of the semester.

Thanks for your help.

Steve Hartley

From Czochor@rowan.edu Wed Apr 27 15:20:00 2005
Date: Wed, 27 Apr 2005 14:31:42 -0400
From: Ronald Czochor <Czochor@rowan.edu>
To: hartley@elvis.rowan.edu
Cc: Jennifer S. Kay <kay@groupwise.rowan.edu>
Subject: Re: minor change to CS major curriculum

Steve,

This change has no effect on the Mathematics department. Computer Science students are already required to take Calculus. Whether they take it in General Education or as a major requirement, makes no difference.

Ron Czochor, Chairman
Mathematics Department
Rowan University
Phone: 856.256.4845
Fax 856.256.4816
Webpage:
<http://www.rowan.edu/mars/depts/math/czochor/Homepage/homepage.htm>

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Dept. webpage: <http://www.rowan.edu/mars/depts/math/>

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Electrical and Computer Engineering

April 20, 2005

Professor Stephen Hartley
Computer Science Department
Rowan University
Glassboro, NJ 08028

Re: Minor Change to CS Major Requirements

Dear Professor Hartley:

The Electrical & Computer Engineering department has received your curriculum proposal entitled Minor Change to CS Major Requirements. We have reviewed the rationale and curricular effect and are pleased to support this proposal.

Best wishes,

Shreekanth Mandayam, Ph.D.
Associate Professor
ECE Curriculum Committee Chair

Cc: Dr. Jennifer Kay, Chair, CS
Dr. John L. Schmalzel, Chair, ECE