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LIBRARY RESOURCE FORM REQUIRED

**Deadlines**

October 3, 2003 to be implemented Fall 2004 ~ February 13, 2004 to be implemented Spring 2005

PROPOSAL TITLE: BS Biochem degree course grade requirement

Sponsor(s): Robert Newland E-Mail: newland@ucsc.edu Ext: 4502  
E-Mail: \_\_\_\_\_ Ext: \_\_\_\_\_

DEPARTMENT: Chemistry or Biochemistry

COLLEGE: CLAS

If Liberal Arts & Sciences CHECK:  History/Humanities  Math/Sciences  Social/Behavioral Sciences  
 UNDERGRADUATE  GRADUATE

THE ATTACHED **NON-GEN-ED** PROPOSAL IS BEST DESCRIBED BY THE ITEM(S) CHECKED

- New non-gen-ed course
- Short-term non-gen-ed course
- Minor curricular changes (fewer than three) to:
  - Existing non-gen-ed course
  - Non-gen-ed degree requirements
  - Major
  - Minor, specialization, concentration, track, certificate program

THE FOLLOWING SIGNATURES REPRESENT APPROVAL

Department Chair: Robert Newland Date: 10/3/03  
 Department Curriculum Chair: Robert Newland Date: 10/3/03  
 Academic Dean: [Signature] Date: 10-0-03

**COLLEGE CURRICULUM COMMITTEE**

OPEN HEARING Date: 12/4/03 Approved  Not Approved

COLLEGE CURRICULUM CHAIR: [Signature]

Senate Curriculum Chair Signature: [Signature] Date: Senate Announcement 3-31-2004

Comments: \_\_\_\_\_

EXECUTIVE VICE PRESIDENT/PROVOST Signature: [Signature] Date: 4/25/04

Approved  Not Approved

**REGISTRAR**

Date: 5/10/04 Course Description Received & Approved ~ Hegis Taxonomy & Course #: \_\_\_\_\_

Registrar Signature: [Signature]

**NOTIFICATION FORWARD**

SCC Chair  Academic Dean  Department Chair  Registrar  IR  CAP

VP Student Affairs  Others Trans. 5/12/04

## Minor Curriculum Change Proposal

### BS Biochemistry degree course grade requirements

#### Details

a. Change requested

From = No grade requirements above the normal University criteria.

To = Grade of C or better required in each of the following courses:  
Chemistry I & II [1906.100, 1906.101], (or Advanced Chemistry I & II [1906.105, 1906.106]), Biology I & II [0401.100, 0401.102], Calculus I [1701.130], Calculus II [1701.131] (or Statistics I [1702.260]), Organic Chemistry I & II [1907.200, 1907.201], Physics (with calc) I & II [1902.200, 1902.201].

b. Sponsors

Robert Newland, Catherine Yang, Charles Schultz, Yun-Hwan Cha, Richard Frazee, George Leder, K. Ramanujachary.

#### Rationale

a. Need for change

The Department of Chemistry & Biochemistry wishes to make this change to ensure the core courses in the sciences and math are completed with a performance level that will help ensure future success in the major. The Department also wishes to have the degree requirements match those of the BS in Chemistry. This will permit students to transfer more easily from one degree program to the other.

b. Curricular effect

Students will be better prepared to complete the upper level requirements of the degree.

#### Consultation

a. The effect is entirely internal but consultation has taken place with the following Departments: Biological Sciences, Physics & Astronomy, Mathematics.



*Department of Physics & Astronomy*

Dr. Robert Newland  
Chair, Chemistry & Biochemistry  
Rowan University

Dr. Newland,

I have read and I endorse the proposal change in the BS Biochemistry degree course grade requirement from no grade requirement above the normal University criteria to grade C or better in Physics (with calc) I & II [1902.200, 1902.201].

I think the request is reasonable and would allow more flexibility for internal transfer of students in that program.

Sincerely,

Eduardo V. Flores  
Chair, Physics & Astronomy  
October 8, 2003

TO: Dr. Robert Newland, Chair Chemistry and Biochemistry  
FROM: Dr. Patricia Mosto, Chair of Biological Sciences  
RE: BS Biochemistry degree course grade requirements' proposal  
DATE: October 7, 2003

Members of my department and I have reviewed your course proposals for a BS Biochemistry degree course grade requirements, from: *No grade requirements above the normal University criteria*, to: *Grade of C or better required in each of the following courses: Chemistry I & II [1906.100, 1906.101], (or Advanced Chemistry I & II [1906.105, 1906.106), Biology I & II [0401.100, 0401.102], Calculus I [1701.130], Calculus II [1701.131] (or Statistics I [1702.260]), Organic Chemistry I & II [1907.200, 1907.201], Physics (with calc) I & II [1902.200, 1902.201].* We strongly endorse the proposal.

Please do not hesitate to contact me if I can be of further assistance.

Copy of email received from Ron Czochoz concerning minor curriculum change.

Bob,

The proposal to change the degree requirements for the BS in Biochemistry to a C or better for Calculus I and II is understandable and appropriate and it has my support. I would also say that a C- demonstrates adequate preparation as well and would encourage you to consider reducing the requirement to a C- or better.

Ron Czochoz, Chairman  
Mathematics Department  
Rowan University  
Phone: 856.256.4845

Our response.

We did consider the C- grade but voted against accepting it. C earns GP of 2.0 while C- is only 1.7. We consider this a large change.

Rowan University  
**CURRICULUM PROPOSAL  
LIBRARY RESOURCE FORM**

The purpose of this form is to provide a channel of communication between the library and faculty changing and designing new courses/programs. The information will be used to assess the resources available in the library, and to identify resources the library should acquire to support the course/program. The information will also provide rationale for institutional support for library acquisitions

This form should be completed in a coordinated effort between the course sponsor(s) and the academic department liaison librarian. **THIS FORM MUST BE COMPLETED FOR ALL CURRICULUM PROPOSALS.**

- The sponsor(s) complete parts A & B  
If assistance is required to complete parts A & B, please notify the liaison librarian.
- Forward this form to the librarian who will complete parts C, D & E

***This form must be completed and attached to the original curriculum proposal before being approved by the Senate Curriculum Committee***

A. College CLAS Department Chem & Biochem  
 Proposed by: A. Neundorfer Date: 10/3/03  
 Course Title: none  
 Anticipated Date for Course/Program Offering: NA

B. List specific resources that should be acquired to support this course.

none

C. Describe the resources available in the library to support this course/program, including reference, monographic, electronic databases, audio-visual materials, etc. A summary statement is sufficient.

Science Direct, ACS Journal Package, SciFinder Scholar, numerous text, references, series

D. List key periodicals available in the library to support this course/program.

ACS Journal Package, Science Direct.

E. Librarian comments and recommendations: I recommend continuation of good liaison relations with the science librarian.

Name: LIBRARIAN / LIAISON Bill Garrabrant Librarian Signature: William A. Garrabrant

ROWAN UNIVERSITY SENATE  
CURRICULUM COMMITTEE OPEN HEARING  
WORKSHEET

Date: 03-04-807

PROPOSAL SCC# BS Biochem degree course grade requirements

TITLE: 03-04-807

Sponsors in Attendance: Charles Schultz

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- Pass with NO CHANGES
- Passed – Return to Sponsor for MINOR CHANGES
- Tabled w/SUGGESTED MINOR CHANGES
- NOT APPROVED

HEARING SUMMARY:

waiting for consultation support

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**PROCESS A** NON-GENERAL EDUCATION - CURRICULUM PROPOSAL

800-810-1144

Deadlines

October 3, 2003 to be implemented Fall 2004 - February 18, 2004 to be implemented Spring 2004

PROPOSAL TITLE: 333 Social Learning - experiential learning & requirements  
 SECTION: 333 Social Learning 333 Social Learning 333 Social Learning  
 DEPARTMENT: Department of Psychology & Applied Behavior Analysis  
 COLLEGE: ALPS

If Liberal Arts & Sciences D-E Check:  History/Humanities  Math/Sciences  Social/Behavioral Sciences  
 UNDERGRADUATE  GRADUATE

THE ATTACHED NON-GEN-ED PROPOSAL IS BEST DESCRIBED BY THE TOWNS CHECKED

New non-gen-ed course  Minor curricular changes (fewer than three to)  
 Short-term non-gen-ed course  Existing non-gen-ed course  
 Non-gen-ed degree requirements  Major  
 Minor degree program independent of major certificate program

THE FOLLOWING SIGNATURES REPRESENT APPROVAL

Department Chair: [Signature] Date: 10/3/03  
 Department Curriculum Chair: [Signature] Date: 10/3/03  
 Provost Chair: [Signature] Date: 10/3/03

COLLEGE CURRICULUM COMMITTEE

OPEN HEARING Date: \_\_\_\_\_ Approved: \_\_\_\_\_ Not Approved: \_\_\_\_\_  
 COLLEGE CURRICULUM CHAIR \_\_\_\_\_  
 Senate Curriculum Chair Signature: \_\_\_\_\_ Date Senate Announcement: \_\_\_\_\_  
 Comments: \_\_\_\_\_

EXECUTIVE VICE PRESIDENT PROVOST Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Approved  Not Approved

REGISTRAR

Title: \_\_\_\_\_ Areas Designated Reserved & Approved - Reg. Technology & Course # \_\_\_\_\_  
 Registrar Signature: \_\_\_\_\_

NOTIFICATION FORWARD

Provost  Academic Chair  Department Chair  Registrar  R. Student Affairs  Other

## Minor Curriculum Change Proposal

### BS Biochemistry degree course grade requirements

#### Details

##### a. Change requested

From = No grade requirements at the University of Central Florida

To = Grade of C or better required in each of the following courses

Chemistry I & II (1906, 1001, 809, 1021) or Advanced Chemistry I & II (1006, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012), Cell, Tissue & Organ Physiology (1003, 1002), Cell, Tissue & Organ Physiology (1003, 1002), Statistics I, (1702, 2600), Organic Chemistry I & II (3071, 3072, 3073), Physics (1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013)

##### b. Supporters

Robert Newland, Catherine Yang, Charles Schultz, Yun-Hwan Chu, Richard Finzer, George Leder, K. Ramalingarath

#### Rationale

##### a. Need for change

The Department of Chemistry at the University of Central Florida wishes to make this change to ensure the core courses in the biochemistry major are completed with a performance level that will help ensure future success in the major. The Department also wishes to make the degree requirements match those of the BS in Chemistry. This will permit students to transfer more easily from the degree program to BS in

##### b. Anticipated effect

Students will benefit from a more appropriate level of requirements for the degree.

#### Conclusion

The Department of Chemistry at the University of Central Florida wishes to make this change to ensure the core courses in the biochemistry major are completed with a performance level that will help ensure future success in the major. The Department also wishes to make the degree requirements match those of the BS in Chemistry. This will permit students to transfer more easily from the degree program to BS in