

ROWAN COLLEGE
CURRICULUM COMMITTEE

©

MINOR CHANGE

RECEIVED
OCT 19 1996

PROPOSAL TITLE: Changing General Education Science Requirements for Comp. Sci. Maj.

UNDERGRADUATE GRADUATE 3 CREDIT HOURS

SPONSOR(S): Jianning Xu

DEPARTMENT & TELEPHONE# Computer Science 256-4805/3884

CHECK ONE:

- CHANGES IN APPROVED MINORS, SPECIALIZATIONS, CONCENTRATIONS
- CATALOGUE DESCRIPTIONS AND/OR PREREQUISITE CHANGES
- SMALL CHANGES IN COURSE CONTENT OF EXISTING COURSES WHICH DO NOT SUBSTANTIALLY VARY THE CURRICULUM
- CHANGES IN HEGIS NUMBER

<p>STEP #1 (DEPARTMENT)</p> <p><input checked="" type="checkbox"/> APPROVED / DATE: <u>10/22/96</u></p> <p><input type="checkbox"/> NOT APPROVED / DATE: _____</p> <p><u>Don C. Stone</u> DEPT. CURRICULUM CHR./ DATE 10/22/96</p>	<p>STEP #2 (SCHOOL)</p> <p>DATE REVIEWED <u>4/6/97</u></p> <p><input checked="" type="checkbox"/> RECOMMEND TO APPROVE</p> <p><input type="checkbox"/> RECOMMEND NOT TO APPROVE</p> <p>COMMENTS: <u>W/changes (attached)</u> ^{new proposal}</p> <p><u>Kenn P. Blaylock</u> <u>Ronald J. Gauthier</u> SCHOOL CURRICULUM CHR.</p>	<p>STEP #3 (ACADEMIC DEAN)</p> <p><input checked="" type="checkbox"/> RECOMMEND <input type="checkbox"/> NOT RECOMMENDED</p> <p>DATE REVIEWED: <u>10/29/96</u></p> <p><u>[Signature]</u> DEAN OF SCHOOL SIGNATURE</p>
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<p>STEP #4 (CURRICULUM COMMITTEE)</p> <p>SCC# <u>96-97-608</u> <u>OCT 96</u></p> <p>DATE RECEIVED: _____</p> <p><input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED</p> <p><u>Ronald J. Gauthier</u> <u>11/13/97</u> CURRICULUM COMMITTEE CHR. SIGNATURE</p>	<p>STEP #5 EXE. VP/PROVOST</p> <p><input type="checkbox"/> APPROVED</p> <p><input type="checkbox"/> NOT APPROVED</p> <p><u>[Signature]</u> SIGNATURE/DATE</p>
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REGISTRAR'S SIGNATURE/DATE [Signature] 17/12/97

**Rowan College of New Jersey
Department of Computer Science**

**Minor Curricular Change
Changing General Education Science Requirements for Computer Science Majors**

1. Details

a. Change requested: Change General Education Science requirements from:

Science and Mathematics - 14 s.h.

A lab. science course is required

Pre-Calculus may be used

Calculus I is required

No other Math. or Computer Science courses may be used

to:

Science and Mathematics - 16 s.h.

Calculus I (4 s.h.) is required.

A two-semester sequence (8 s.h.) plus an additional course from the following list are required:

0401.100-101 Biology I, II (4 s.h. each)

1902.200-201 Physics with Calculus I, II (4 s.h. each)

1906.100-101 Chemistry I, II (4 s.h. each)

b. Sponsor: Jianning Xu, Assistant Professor, Computer Science

2. Rationale

a. Statement of "need" for such a change:

The Computer Science Department has decided to start the efforts to seek accreditation from the Computer Science Accreditation Board (CSAB) for our program. As a part of the efforts, certain curricular changes are needed. The accreditation criteria require that at least 12 s.h. of science, which must include a two-semester sequence in a lab. science, be included in the program. The proposed change will bring our program in compliance with the accreditation criteria.

b. Statement of curricular effect:

Pre-Calculus will be used as a free elective if needed. The total requirements for the Computer Science majors will become 122 semester hours.

3. Results of Consultation

Letters of consultation have been sent to the following departments: Mathematics, Biological Sciences, Chemistry and Physics.