

SIMON FRASER UNIVERSITY

MEMORANDUM

To: Senate

From: Allan MacKinnon, Chair
Senate Committee on Undergraduate Studies

Subject: Curriculum Revisions
Faculty of Science
(SCUS Reference 01 — 26)

Date: December 12, 2001



For Information

Acting under delegated authority, at the November 27, 2001 meeting, SCUS approved the following curriculum revisions in the Faculty of Science:

- 1) **Biological Sciences**
 - a) Change of Streams
 - b) New course: BISC 403 - Current Topics in Cell Biology
 - c) Change of course description for BISC 404 - Plant Ecology
 - d) Change of prerequisite:
 - BISC 490 - Research Design
 - BISC 491 - Research Technique
 - BISC 492 - Research Reporting

- 2) **Chemistry**
 - a) New courses: CHEM 440 - Solid State Materials Chemistry
CHEM 442 - Polymeric Materials Chemistry
CHEM 444 - Organic Materials Chemistry
CHEM 452 - Bio-organic Chemistry
CHEM 465 - Electrochemistry
 - b) Change of course title for CHEM 360, 432, 468, 469
 - c) Change of course title and number for CHEM 415

- 3) **Earth Sciences**
 - a) New courses: EASC 419 - Forest Harvesting Technology
EASC 418 - Terrain Stability: Assessment and Mitigation
 - b) Change of prerequisite for EASC 417 and EASC 304

- 4) **Environmental Science Program**
 - a) Addition of Physical Geography to the Honors Program

- 5) **Mathematics**
 - a) Change in requirements for the Majors and Honors Program
 - b) Change of prerequisite for MATH 419
 - c) Change of credit hour and vector for MATH 198
 - d) Waiver of the two-semester time lag for changes to MATH 198 - Selected Topic in Mathematics to permit offering in the Spring semester 2002

- 6) **Physics**
 - a) Change of prerequisite for PHYS 385
 - b) Change in requirements for the Minor Program

- 7) **Statistics & Actuarial Science**
 - a) New course: STAT 100 - Chance and Data Analysis
 - b) Change in requirements for the Actuarial Science Honors Program
 - c) Addition to the requirements for the Actuarial Science Major Program
 - d) Change to the Minor Program requirement for Statistics
 - e) Change to the upper division requirements for the Statistics Major
 - f) Change of prerequisite for ACMA 445, STAT 101, STAT 203

Any Senator wishing to consult the full report of curriculum revisions should contact Bobbie Grant, Senate Assistant at 291-3168 or email bgrant@sfu.ca