

MEMORANDUM

To: Senate

From: A. MacKinnon, Chair
Senate Committee on Undergraduate Studies

Subject: Curriculum Revisions
Faculty of Science
(SCUS Reference 02-28)

Date: October 30, 2002



FOR INFORMATION

Acting under delegated authority, at the October 29, 2002 meeting, SCUS approved curriculum revisions in the following departments/schools/programs:

- a) Biological Sciences
- b) Chemistry
- c) Earth Sciences
- d) Environmental Science
- e) Geography
- f) Mathematics
- g) Molecular Biology and Biochemistry
- h) Physics
- i) Statistics & Actuarial Science

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

FOR INFORMATION

- a) Biological Sciences
 - i) BISC 326 – Change of title
 - ii) BISC 329 – Change of prerequisite
 - iii) BISC 410 – Change of title and description
 - iv) BISC 490, 491, 492 – Change of description and prerequisite
 - v) MASC 440, 445, 446 – Change of credit hour and vector
 - vi) Deletion of Post-Baccalaureate Diploma in Environmental Toxicology
 - vii) Change in Honors Program Entry Description

- b) Chemistry
 - i) Change in Major Program description
 - ii) Change in Honor Program description
 - iii) Chemistry Course Description Insert

- c) Earth Sciences
 - EASC 208 – Change of description

- d) Environmental Science
 - i) Change to Physical Geography Stream
 - ii) EVSC 491 – Change of prerequisite and change to role of course
 - iii) Pollutant Transport Stream – Change to electives
 - iv) Pollutant Transport Stream – Change to the Honors Program in Calendar entry

- e) Geography
 - i) Change in Major program for Physical Geography
 - ii) Change in Minor program for Physical Geography
 - iii) Deletion of Minor in Quaternary Studies
 - iv) Course deletions: QUAT 400, 401, 403

- f) Mathematics
 - i) MATH 190 – Change of description
 - ii) MATH 251 – Change of prerequisite
 - iii) MATH 361 – Change of course number and prerequisite
 - iv) MATH 416 – Change of course title and prerequisite
 - v) Change to Mathematics Major, Honors and Minor Programs
 - vi) Change to Mathematical Physics Program
 - vii) Change to the Applied Mathematics Major Program
 - viii) Change to the Applied Mathematics Honors Program
 - ix) MATH 232, 310, 467 – Change of prerequisite
 - x) MATH 495 – Change of credit hour, title and vector
 - xi) Change to lower division requirements for the Mathematics Major and Honors Program
 - xii) Change to lower division requirements for the Applied Mathematics Major and Honors Program

- g) Molecular Biology and Biochemistry
 - i) New courses: MBB 438 – Human Molecular Genetics
MBB 441 – Bioinformatics
MBB 442 – Proteomics
MBB 443 – Protein Biogenesis and Degradation
 - ii) BISC 331 – Change of course number and description
 - iii) BISC 402 – Change of course number and prerequisite
 - iv) Change to MBB Major Program

- h) Physics
 - i) New course: PHYS 380 – Introduction to Subatomic Physics
 - ii) NUSC 485 – Change of prerequisite

- i) Humanities
 - i) New course: HUM 332 – Mythology in Context

- i) Statistics & Actuarial Science
 - i) New courses: STAT 336 – Job Practicum I
STAT 337 – Job Practicum II
STAT 436 – Job Practicum III
STAT 437 – Job Practicum IV
STAT 438 – Job Practicum V
STAT 285 – Intermediate Probability and Statistics
 - ii) STAT 330 – Change of title, description and prerequisite
 - iii) STAT 380 – Change of description and prerequisite
 - iv) STAT 270, 302, 350, 400, 403, 410, 450, 460 – Change of prerequisite
 - v) Deletion of STAT 340 – Statistical Quality Control
 - vi) Change to Certificate in Actuarial Mathematics