

October 10, 1979

The Minutes of the 58th meeting of the Executive Committee of Science Faculty Council held on Wednesday, October 10 at 2:40 p.m. in room 250 Allen Building.

Present: Prof. C. C. Bigelow, Chairman; Profs. P. K. Isaac, B. D. Macpherson, P. Loewen, K. W. Stewart, D. Punter, J. Charlton, R. G. Woods, J. M. Stewart, N. Losey, K. Mount; Mr. H. Christianson; S. Catt, Secretary.

Visitors: Mrs. D. Derenchuk, Mr. V. Taylor.

1. The Minutes of the 57th meeting were adopted on a motion by K. Stewart (Loewen).

2. Matters arising therefrom:

(i) Status of the concern over the narrowness of the Computer Science Honours Program.

It was reported by Prof. Macpherson that the Dean's Office made a study on recent graduates which showed that within the Honours Program there was an increasing tendency to elect Computer Science courses only. At a recent meeting with the Head, Dr. Stanton expressed surprise at the figures and said he would advise students when selecting programs they should choose options from outside the Department and perhaps outside the Faculty. The prescription is not more restrictive, it is the students' choices that make it seem so. Figures were available for this year and last year showing breakdowns by year in Honours Program. A member asked how the figures compared with Engineering and Law for example and was advised that Engineering requires its students to take many courses outside the faculty. Law students are required to have at least two years of university level study prior to being admitted.

A member asked if Honours regulations should require students to take a prescribed number of courses outside the Department. Prof. Macpherson responded that the 4-year Major specifies the number of courses that can be taken within a department. Mr. Christianson thought the feeling among computer science students was that they elected computer science courses because those were the courses they wanted - computer science graduates have no difficulty finding employment.

Dr. Punter asked if the question as to restrictiveness had come from Senate to the Executive Committee, Prof. Macpherson replied that it had been directed to the Dean, and there was no requirement for a reply

to Senate from the Executive Committee. The Dean had been keeping the Executive informed. There was some discussion of whether the Honours regulations should be changed. Dr. Charlton felt the Department should be given the opportunity to look into the matter itself before such a step was taken.

It was moved, K. Stewart (Charlton) that

"Executive ask Computer Science to review their requirements for the Honours program in order to determine the feasibility of including required courses from outside the Computer Science Department in their Honours curriculum".

Dr. Woods enquired if Computer Science had been asked to do this before, Prof. Macpherson said they had, but by the Dean, not the Executive or Faculty Council. Dr. Woods felt Computer Science should be given a time limit to reply and Dean Bigelow suggested November 15th. This was agreed to. The motion was CARRIED.

Dr. Woods noted the high mathematical content of certain Computer Science courses and moved (K. Stewart) that

"Computer Science be asked about the high mathematical content of 74.239 and 210, and whether it would be possible to substitute mathematics or applied mathematics courses for all or part of these courses".

K. Stewart asked if specific mathematics or applied mathematics courses could be flagged, which had significant overlap. These were identified as

74.210 - 13.239/249

74.239 - 6.224

Prof. Charlton felt the need was to introduce breadth and not merely to transfer course numbers to other departments. He suggested Dr. Stanton be invited to meet with the Executive.

The motion was called and was

DEFEATED
3 for
5 against

(ii) Seventy-fifth Anniversary Activities - Report

Prof. Isaac referred to a recent letter to all faculty outlining events.

(iii) Report of the ad hoc committee on Affiliation

The report had originally been made to Faculty Council who returned it to the Executive committee. An enlarged ad hoc committee had looked at the report and found it was in agreement with the original. They felt counselling of first year students was a separate matter from affiliation. There was therefore nothing new to report.

3. Communications

There were no communications.

4. Faculty Course Changes

Prof. Macpherson took members through course change proposals by department beginning with CHEMISTRY.

Chemistry's proposals were approved subject to clarification of the pre-requisite comment for 2.2XY.

PHYSICS proposals were approved.

EARTH SCIENCES. Dr. Woods asked what were the implications for medals and scholarships of the proposed "Pass/Fail" grading for a field course, and was advised this was being looked into administratively. Earth Sciences proposals were approved.

BIOLOGY TEACHING UNIT proposals were approved.

MICROBIOLOGY proposals were approved.

MICROBIOLOGY-CHEMISTRY JOINT 4-YEAR MAJOR proposal was approved.

ZOOLOGY proposals were approved

BOTANY proposals were approved.

BOTANY-ZOOLOGY JOINT ECOLOGY PROGRAM The proposed Honours and 4-year Major proposals were approved.

APPLIED MATHEMATICS proposals were approved.

COMPUTER SCIENCE proposals were approved.

MATHEMATICS & ASTRONOMY proposals were approved.

ST. BONIFACE COLLEGE proposed course changes were essentially an updating to bring them in line with Science courses offered, and were approved.

COURSES FROM OTHER FACULTIES AND SCHOOLS ACCEPTABLE FOR CREDIT IN THE FACULTY OF SCIENCE. Two courses from Administrative Studies were added to the approved list, however Prof. Macpherson made the point that there was no assurance that

Admin. Studies would permit Science students into the courses as they are popular and heavily enrolled. Five new courses were added from the School of Music.

5. (i) Prof. Losey distributed a proposal for first year packages which she wished to be put on a future agenda. The Chairman agreed to do this.
- (ii) Prof. R. G. Woods was nominated to be Executive Spokesperson at Faculty Council and as there were no other nominations was elected by acclamation.
- (iii) Science Advisory Committee: The Senior Stick felt this committee is not necessary any more and proposed it be deleted from the bylaws. The Dean's Office will look into whether or not we are required by Senate to maintain this committee.
- (iv) Second Degree Regulations: Prof. Macpherson presented draft proposal ~~for~~ B. Sc. General following a B.A. from the University of Manitoba. With the deletion of the word "second" from line one and changing throughout of "courses" to "credit hours" the proposal was APPROVED.

Proposal for a B.Sc. Major following a B.A. from the University of ~~Manitoba~~. Line 6 amended to read "...may be accepted by the Faculty and applied...". With this change the proposal was APPROVED.

There being no further business the meeting adjourned at 5:51 p.m.