

October 5, 1981

The Minutes of the 68th Meeting of the Executive Committee of Science Faculty Council held on Monday, October 5, 1981 at 3:30 p.m. in Room 250 Allen Building.

Members Present: C.C. Bigelow, Chairman; Professors P.K. Isaac, N.E. Losey, D. McKinnon, N. Hunter, K. Stewart, K. Kocherlakota, T. Berry, R.G. Woods; Mr. H. Christianson; S. Catt, Secretary, R. Chabluk, Recording Secretary.

Regrets: N. Arnason

Visitors: C. Prosk, D. Derenchuk

1) The minutes of the 67th meeting were approved on a motion by D. McKinnon (K. Stewart).

2) Matters Arising

a) The discussion centered around English writing skills; there are courses available e.g. 4.091 and 4.200 but these are optional for Science students. Engineering has a technical writing course. Prof. Losey mentioned a suggestion she had heard of which would designate some sections of courses in first year as being useful for English essay writing. Students would be required to take such sections. This would, however, necessitate a rearrangement of first year programs. A member asked about an entrance exam in English writing and Prof. Losey responded that this is still being considered by a Senate Committee. The Chairman felt we should wait for the Committee's report and consider whether Science has some interest in an entrance exam.

b) Gold Medals

The Chairman explained that gold medals are awarded for each individual degree granted, for example Engineering awards gold medals, one for each department. Science has gold medals in Honours, 4 Year Major and General degrees.

The Chairman referred to a list (appended) of other awards and prizes to graduating students, noting that all departments except Botany and the Mathematical area had such awards.

Prof. McKinnon asked whether consideration had been given to awarding silver rather than gold medals in General and 4 Year Major; he felt they did not compare to an honours degree.

Dean Bigelow pointed out that one department now has 60% of Honours students in the faculty; this department would likely get most of the gold medals. He suggested that the awarding of prizes by individual departments could be looked into and it was agreed he should canvass them.

Dean Bigelow also reported that Dr. Henry said the cost of the gold medals reduced the scholarship and prize money available, so prizes may be preferable to medals.

3) Disbandment of Advisory Committee on Co-operative Programs

Prof. Losey summarized the work of the Committee and said while there is some ongoing work to be done, this could be co-ordinated by the Dean's office. She moved (Hunter) that

"the Committee be disbanded".

CARRIED.

4) Four Year Major Regulations

This breaks down to two changes:

- a) That students be allowed to enter the program with 24 hours of credit on the recommendation of the Department. The Student Standing Committee has always agreed to such, but would not wish to have the 4 Year Major declarable without the Department's recommendation.

Prof. Losey moved (K. Stewart) that:

"A student can have a six credit hour deficiency  
but still declare a major on recommendation by  
the Department."

CARRIED.

It was agreed the General Calendar should contain a notation to that effect.

- b) The Student Standing Committee has had all cases involving failed courses referred to it for continuation in the 4 Year Major. There is no need for it to take any action unless there are more than 18

hours of failed credit. The Dean's Office monitors this as required. Prof. Losey moved (K. Stewart) that:

"the sentence 'All cases involving failed courses shall be referred to the Committee on Student Standing' be deleted from the General Calendar entry on 'Continuation in the four-year Major'."

CARRIED.

5) Proposed Course Changes

Dean Bigelow turned this item on Course Changes over to Dean Losey, who was to take the Committee through the course changes department by department. A replacement section was handed out for the Physics Department.

Botany - Moved by Dean Losey (Hunter), CARRIED.

Biology - Moved by Dean Losey (K. Stewart), CARRIED.

Chemistry - Dean Losey pointed out a typographical error, page 2 of the Chemistry Dept. course changes: under 2.220, 4th line of course description, "interconnections" should read "interconversions".

Moved by Dean Losey (McKinnon), CARRIED.

Computer Science - Following some discussion with concerns being expressed about co- and pre-requisites and waiving of these, the proposals were approved on a motion by Dean Losey (Christianson). CARRIED.

Earth Sciences - Moved by Dean Losey (Hunter), CARRIED.

Mathematics - Moved by Dean Losey (Christianson), CARRIED, with amendment (Woods) to prerequisites to Math 234, 235 and 237: "Credit in Math 139, Applied Math 143 and Math 149 with at least a B in 149." *NOT CARRIED*

Microbiology - Moved by Dean Losey (K. Stewart), CARRIED.

Physics - Moved by Dean Losey (Hunter), CARRIED.

Statistics - Moved by Dean Losey (Kocherlakota), CARRIED.

Zoology - Moved by Dean Losey (K. Stewart), CARRIED.

Honours Genetics Program - Moved by Dean Losey (K. Stewart), CARRIED.

Courses Offered in Other Faculties and Schools Acceptable for Credit in the Faculty of Science:

Fac. of Administrative Studies, Dept. of Actuarial and Business

Mathematics - course 10.343 - Moved by Dean Losey (Berry), CARRIED.

Courses which form the Administrative Studies Minor Program -

Moved by Dean Losey, CARRIED.

School of Physical Education - course 57.140 - Moved by Dean Losey

(K. Stewart): 1 in favour

3 opposed DEFEATED

6) Other Business

Dr. Woods raised the question of whether it would be possible to provide a scholarship in the form of a fee waiver for high school students who were winners of various contests sponsored by departments in Science, e.g. Maths, Physics, Chemistry, etc. Since these bright students receive only a \$150 rebate on tuition here, we lose them to other universities which provide full scholarships. Dean Bigelow promised to investigate this question and report at the next meeting.

Dean Losey presented for information the fact that Senate Admissions has approved Computer Science 305 as fulfilling one of the 300-level entrance requirements.

Dean Bigelow informed the members present that the Department of Transport (Canada-wide) has asked Continuing Education to offer a service similar to that provided for members of the military who are obtaining science degrees. The DOT would like to use the University of Manitoba as a centre or home university for their people from all over the country because of its central location. This would be advantageous to us in that we would establish good connections with people involved in research with the DOT and that we would increase numbers of students.

Carol Prosk, who has replaced Vic Taylor, was introduced to the members present.

Dr. Wood requested enrollment figures. Dean Bigelow responded that it was up by 20 to 24%; and that the Faculty of Science had provided about \$350,000 more in tuition fees, of which we had got back just under \$100,000. An attempt would be made to obtain more. Dean Bigelow had asked heads to tell him as quickly as possible about hardships created by underfunding. (The central administration is trying to use the funds generated to clear up what they say was a deficit budget prepared last spring.)

Dr. McKinnon suggested faculty members might try to find ways to publicize the "emergency" need for more money by involving students in demonstrations, etc.

Dr. Bigelow said that he would mention our need for more funding at the next Faculty Council meeting.

The meeting adjourned at 5:10 p.m.

*binder*

THE UNIVERSITY OF MANITOBA

## Inter-Departmental Correspondence

DATE Sept. 17, 1981

TO Members of the Executive Committee of Science Faculty Council

FROM Sheila Catt, Secretary to the Committee AC

SUBJECT:

The 68th meeting of the Executive Committee of Science Faculty Council will be held on Monday, October 5th at 3:30 p.m. in room 250 Allen Bldg.

### AGENDA

- 1) Approval of the Minutes of the 67th meeting (June 10, 1981).
- 2) Matters Arising:
  - a) Requirement for students in first year to take courses in at least four subject areas (attached report on English and Humanities Requirements in Science Degree Programs at Canadian Universities.)
  - b) Number of Gold Medals awarded in the Faculty of Science (attached table of Awards for Graduating Students in Science and letter of June 19, 1981 from C.E. Henry).
- 3) Disbandment of Advisory Committee on Co-operative Programs.
- 4) 4-Year Major Regulations: deletion of "All cases involving failed courses shall be referred to Student Standing" from "Continuation in the 4-Year Major" page 229 of Calendar (excerpt from Minutes of Student Standing Committee August 21, 1981 attached).
- 5) Proposed Course Changes; material attached..
- 6) Other Business.

SC/rmc  
attachments