

May 1, 1967



SCIENCE FACULTY COUNCIL MEETING

Monday, 1st May 1967

2:00 p.m.

Room 207, Buller Building

The following (41) members attended: Professor P. K. Isaac (Chairman); Professors W. G. Barker; H. E. Welch; M. L. Levin; J. L. Gee; E. Leith; H. D. Gesser; R. H. Betts; R. D. Connor; L. Funt; R. B. Ferguson; A. D. Robinson; I. Queen; D. M. McKinnon; F. Paul Rolston; H. R. Godavari; I Suzuki; A. H. Morrish; B. G. Hogg; S. K. Sen; J. M. Walker; A. C. Turnock; J. Reid; K. W. Stewart; C. C. Lindsey; F. J. Ward; N.E.R. Campbell; D. W. McBride; E. Bock; J. B. Westmore; J. H. Loudfoot; D. G. Douglas; E. Kartzmark; A. N. Campbell; B. Noonan; Nora Losey; G. Losey; E. R. Waygood; M. E. Kettner; K. I. Roulston; K. Armstrong.

It was moved by S. K. Sen (Hogg) that the minutes of the previous meeting be adopted. Since no business arose from the minutes elections were held as follows:

R. H. Betts was nominated by H. E. Welch (Barker) and was unanimously elected to represent council on the Senate when nominations were moved closed by A. N. Campbell (Leith).

Drs. Noonan (Losey, Losey) and Hogg (Standil, Sen) were elected to the Executive, Faculty of Graduate Studies. W. G. Barker (Waygood, Levin) was defeated on the written ballot after the nominations closed (Betts, Bock).

Dean Isaac spoke to the matter which had given rise to the meeting; a referral back to Council of the Science University entrance requirements.

He noted that the Senate operated three series of Committees and that the Arts and Science Studies had considered our recommendation, as embodied in previous minutes, and had requested a reconsideration since:

- a) The mail vote acceptance of Geography had made it possible for a student to enter Science with essentially five Science subjects and no Arts courses.
- b) The system of measuring university entry (S.A.C.U.) across Canada appeared to be much closer than previously considered (two years). Presumably it will require a five subject entry, three subjects for content, two papers in expression, one quantitative (Mathematics), one qualitative (Language). We should perhaps attempt to approach this.
- c) It was suggested that we should have a general principle to govern the entry to Arts and Science based upon the S.A.C.U. pattern:

Math	}	Two of (Reflecting S.A.C.U.)
English		
Other language		
Arts		One other Arts subject plus two additional.
Science		One other Science subject plus two additional.

With respect to Science entry, if departments superimpose requirements in isolation it would be reflected in restrictions upon:

- a) Students who want courses in several departments;
- b) Students who wish to change departments.

To avoid this it was suggested that the following be regarded as the collective Science requirement - based upon the summary of the seven Science departmental wishes:

Math
 Physics
 Chemistry*
 Language (English, French, etc.)
 Other (Biology, History, Geography, etc.)

*for those students intending to restrict their studies in Science entirely to Mathematics, Statistics and Physics, Chemistry is an optional subject.

A. N. Campbell argued against the footnote, regarding it as a restriction against students who might wish to take Science (Chemistry, Biology) in University.

Dean Funt inquired as to the fate of the present footnote equating Mathematics and Latin but agreed that the principle would eliminate this so long as Mathematics was a requirement of Faculty.

K. Armstrong pointed out that students in Mathematics could enter University and not know until passing their final set of exams whether they would earn a B. Sc. or a B. A.

B.G. Hogg questioned the need for a language.

Dean Connor defended the Arts and Science studies position as outlined by Dean Isaac and further indicated an appreciation of Mathematics "hybrid" position. He reiterated that the asterisk reflected a real appreciation of the expressed desires of the Physics and Math Departments.

Drs. Betts, Hogg, Waygood, Gesser, Campbell, Cooke, Losey (G), Kettner (Losey, Armstrong, Bock, contributed to the discussion about the needs of the Mathematics Department as related to the Science Faculty.

A. N. Campbell (Gesser) moved that the footnote be removed and that the Science entry requirement be: Math, Physics, Chemistry, Language, Other.

Dean Connor opposed this viewpoint and wanted the Mathematics Department to make a firm statement as to their need for the footnote.

Drs. Armstrong, Losey, and Standil stated that the Physics and Math Departments would be most anxious to remove Chemistry for certain students from the entrance requirements to their respective departments.

G. Losey (Losey) moved that the Campbell (Gesser) motion be amended in that an asterisk be placed after Chemistry and that the footnote (detailed above) be incorporated in the Science requirements.

Dean Connor supported the Losey amendment, noting that such students as enter in this manner must declare in advance their intention to stick to the Maths-Physics Area.

E. R. Waygood noted that many chemistry staff members had had to leave the meeting. He queried the nicity of voting in their absence.

On the vote for the amendment (Losey, Losey):

For	16	
Against	11	2 abstentions
<u>Carried.</u>		

For the amended motion Campbell (Gesser)	23
Against	5
Abstentions	1

It was further proposed that a note be made that the principle (as detailed in Dean Isaac's preamble) be supported by this body.

The meeting was adjourned (Welch, Levin).

April 25, 1967

Dear Colleague,

Re: Meeting of Science Council
Monday, 1st May at 2:00 P.M.

There will be a meeting of the Science Faculty Council on Monday, 1st May at 2:00 P.M. in Room 207, Buller Building.

Agenda

1. Minutes.
2. Matters arising out of the minutes.
3. Election of Senate Representatives *
4. University entrance requirements.
5. Enquiries and new business.
6. Adjournment.

* We have to forward two names from which one will be elected to senate by the Faculty of Graduate Studies to replace Prof. B.G. Hogg. (Prof. H.E. Welch continues.)

Also, we have to elect one representative to Arts and Science on senate to replace Prof. N.S. Mendelsohn. (Prof. R.Z. Hawirko continues.)

Please remember to obtain the agreement of nominees prior to the meeting.

Yours sincerely,



A/ P.K. Isaac.
Associate Dean.

RDC/mad