

February 6th, 1968.

15th February 1968.

Dear Colleague,

Attached to the minutes of the Science Council, you will find the course outline of Geography 228. This is the course, "Elements of Weather and Climate" which has been accepted for sometime as satisfying Science requirements for students in Arts.

The details of this course are sent to you for your information and examination.

Yours sincerely,



R. D. Connor,
Associate Dean.

RDC/blb
Att.

Minutes of a meeting of the Science Faculty Council, Tuesday, 6th February 1968, at 3:40 p.m. in Room 207, Buller Building.

The following (30) members attended: Chairman, Dr. R. D. Connor; Professors: W. G. Barker, P. K. Isaac, M. H. Levin, J. M. Walker, F. W. J. Davis, J. Reid, H. R. Godaravi, E. R. Waygood, H. Halvorson, C. C. Lindsey, H. E. Welch, F. J. Ward, K. W. Armstrong, B. D. Macpherson, R. Hawirko, W. E. Alexander, M. M. Evans, J. H. Gee, H. Gesser, D. H. Hall, A. C. Turnock, B. Noonan, N. S. Mendelsohn, Nora Losey, R. J. Lockhart, N. E. R. Campbell, R. H. Betts, B. R. Irvine, and W. M. Sibley.

It was moved by R. H. Betts (P. K. Isaac) that the minutes be accepted as circulated. No business arose from the minutes.

ITEM I. The Chairman introduced a letter from the Curriculum Branch, Manitoba Department of Education soliciting a submission from the Faculty on the teaching of Mathematics from Kindergarten to Grade XII.

A motion by E. R. Waygood (N.E.R. Campbell) that the Science Faculty strike a committee to submit a brief to the Curriculum Branch, Manitoba Department of Education, was carried unanimously without discussion.

ITEM II. The Chairman indicated the principal business was to consider a suggestion from the executive following our motion deleting the words "and Science" from the Grade XI recommendation which had been passed by the Faculty Council of Arts and Science and which had survived all the way to Senate. The Executive proposed that a Grade XI programme of English, second language, Mathematics, one Science and two options, might be acceptable to both Arts and Science. The Arts Council had not concurred.

The Chairman directed our attention to the motion of the Arts Faculty (appendix 1) asking that we reconsider our position on Grade XI entrance requirements. Since Manitoba has made Canadian History a mandatory Grade XI subject, the University's present requirements are fixed at (A) negating the Executive's compromise(B).

	(A)	(B)
Humanities	English Second Language	English Second language
Science	Science Mathematics	Science Mathematics
Other	one option Canadian History	one option one option

Dean Sibley suggested that our present position (minutes 29 November 1967) displays an apparent lack of concern about Grade XI. In the face of many pressure groups perhaps Science should take a stance on Grade XI subjects at least to make a claim for a proper sequence. Arts had made their stand in the interests of sound general education.

E. R. Waygood suggested English or French but not necessarily both.

P. K. Isaac and A. C. Turnock suggested that Biology was of greater merit from the standpoint of general education than Canadian History, since we are men before we are Canadians.

N. Losey suggested that we approve the Executive's compromise proposal since this is what we can live with despite the "frozen" position of History.

I. Cooke and B. Noonan made the point that it was the desire of the Science Faculty to leave Grade XI with the maximum of flexibility. If necessary we should interfere earlier than Grade XI to achieve this since Grade XI may be too late.

P. K. Isaac - We should concern ourselves only with entry and let the Department of Education solve the problem of getting properly-trained students to satisfy our Grade XII entry requirements.

W. M. Sibley suggested that we express dissatisfaction but move to go along with the present situation for the moment. The whole matter will be reviewed shortly by an upcoming Seminar.

F. W. Davis and W. G. Barker objected to any approval of the "status quo". It makes us appear to support something that we do not want.

B. Noonan - motion - While we understand that this (English, a second language, Mathematics, a science, Canadian History, and an option) is the existing Grade XI situation, we find it unsatisfactory. We urge the immediate formation of a Seminar to consider the whole High School program (K. W. Armstrong). Carried with one opposing vote.

W. M. Sibley - In this connection the wheels are in motion to commence such a Seminar, the working party meets next week to begin its organization. It will, however, be a slow procedure.

P. I. Isaac - I do not think that the way we are proceeding is the correct approach. It is for us to say which people qualify to enter our university. I am in a quandry. My inclination is to re-iterate our original motion but this has shortcomings that have become apparent. For example, I should like greater flexibility. We are excluding good people - some, for instance, who simply cannot fathom French. I should like to build in a possibility of merit entry regardless of subjects covered and include entry with one failure under some circumstances. Also, I feel that our motion (November 29, 1967) cannot succeed in the bodies that must consider it before it gets to Senate. It will be outvoted. I should like consideration of a scheme such as this - which illustrates such an approach (Appendix 2).

P. K. Isaac - However, I will move that we reaffirm our motion of November 29th in these terms: We reiterate the original Grade XII entry statement and wish to remove the words "and Science" in the Grade XI statement as approved by Faculty Council in May, 1967, while the question is under review by the Seminar on the grounds that in the opinion of the Science Council there should be maximum flexibility at Grade XI. (P. K. Isaac (E. R. Waygood) Passed without dissent.

H. E. Welch inquired as to whether this bound all of the Science Departments and presented his view that Zoology would like the possibility of entry with Biology in lieu of Physics.

R. D. Connor - Perhaps this is the subject for internal discussion - perhaps within the Division.

J. M. Walker - I should like to propose that we ask the Associate Dean of Science to strike a committee to look at entry into Science. J. M. Walker (W. G. Barker) Approved without dissent.

On motion W. M. Sibley (E. R. Irvine) the meeting was adjourned.