

April 12, 1966

Minutes of Meeting of Science Faculty Council held in Room 306,  
Buller Building on April 12th, 1966 at 3:40 P.M.

Present were Associate Dean Connor (Chair), Dean Funt, Professors  
Lees, Welch, Hogg, Mendelsohn, Morrish, Kelly, Standing, Gesser,  
Noonan, Robinson, Halvorson, Hawirko, Oretzki, G. Losey, N. Losey,  
Lockhart, Isaac, Barker, Irvine, Roulston, Ralston, Standil, Kettner,  
Johnson, Vail, Sen.

- Business
1. Nominations to Senate,  
Dr. Hawirko was proposed and seconded (Roulston, Lees).  
Nominations were moved closed (Robinson, Lees)  
Dr. Hawirko was elected by acclamation.
  2. Nominations to the Executive of the Faculty of Graduate  
Studies,  
Dr. Welch was proposed and seconded (Lees, Isaac)  
Dr. G. Losey was proposed and seconded (Armstrong, Vail)  
Nominations were moved closed (Barker, Lockhart)  
By acclamation it was agreed that the nominations of  
Dr.'s Welch and Losey be carried to the Faculty Council  
of Graduate Studies at which one would be elected to  
represent the professors in Science, to replace Dr. Isaac  
(retiring).
  3. Dr. Connor reported on the decision of the Senate  
regarding University Matriculation. The proposal was  
that the new revised courses in Grades X, XI, XII be  
designated A level courses and the General courses be  
designated B or O level courses according to this numbering  
scheme for each subject.

	Grade X	XI	XII
A Level	100	200	300
B or O Level	101	201	301

For University entrance a student must present a minimum  
of 3 A level courses and 2 B level courses, these A and  
B level courses to be drawn from an A list and a B list of  
courses yet to be approved. While these courses had yet  
to be approved, it was reasonable to assume that the A list  
and B list would contain subjects - English, the "foreign"  
languages, History, Geography, Mathematics, Physics and  
Chemistry among others.

At present, only a Physical Science 101, 201, 301 course was being offered in the General High School course. Were this scheme to be adopted it would require new B level courses in Physics and Chemistry. These would be set up by the University Entrance Committees in these subjects.

It was stressed that 3 A's and 2 B's constituted a minimum. The successful student in Grade IX should enter Grade X with 5 A's and it was not the idea that the student chose 3 A's. Rather, he would maintain as many A level courses as he could show competence in, being diverted to the B level on the advice of his school counsellors in subjects in which he was unlikely to succeed or in which he had already shown a lack of proficiency.

The Senate had now referred this matter to Committees of Instruction in order to determine what courses and at what level are necessary for entry into the first course of that subject at the University.

It would clearly be desirable to try to obtain a Faculty requirement if possible and approval was requested for the setting up of a committee to coordinate and consolidate the various requirements.

On the motion of Dr. Standil, (seconded Isaac) it was proposed that Department Heads nominate each a member to such a committee.

Discussion. Dr. Hogg suggested that such a committee existed in the executive. Dr. Armstrong asked if the content of the new courses would be available to this committee and to the committees of instruction who would also need to be advised on the content of the General course.

Dr. Kettner asked about the liaison between this committee and the Department of Education and other Faculties. The liaison between the University and the Department of Education was described in terms of the Articulation Committee and the Subject Committees of the University Entrance Seminar.

Dr. Hogg suggested that the Council discuss entrance requirements now and ~~vote~~ vote on them. He expressed the view that these requirements should be kept flexible so that a student would not be barred from advanced work on the basis of an unfortunate selection of A and B courses at High School.

Dr. Connor reminded council that this matter had been referred by Senate to Committees of Instruction and that it would be improper to ~~vote~~ vote at this time without more mature reflection. He also pointed out some of the consequences were the Science area to require the 3 A's to be Maths, Physics and Chemistry.

The motion was then called for and approved unanimously.

Dr. Connor then indicated that it had been his intention to review building plans but following new suggestions from the Departments of Chemistry, Physics, Zoology and Psychology these plans had been changed with the President's approval within the hour. Whereas the lecture theatre complex remained unchanged, he asked to be excused from a definitive statement until the Heads of Departments could be advised and Board approval sought for the changes.

New Business Dr. Kelly raised the matter of debarring students, recalling the "Duly performed" ideas of earlier meetings. Dr. Connor replied that with the advent of the new grading system the debarral procedure would be changed more in keeping with these earlier views. This had not been lost sight of.

Dr. Noonan asked about the fate of the University Entrance Course Seminar held three years previously. He asked about representation on committees approving the B level courses. Dr. Connor said it was his private opinion that the Department of Education felt while each A course was in itself excellent, the impact of 5 of them would be overwhelming on the student. The Minister had not yet accepted the Seminar report as far as he was aware. If the University accepted the A and B proposals then there would be representation on the B curriculum committees.

The meeting adjourned at 4:45 P.M.

April 19th, 1966.

November 7, 1966

Minutes of the Meeting of the Science Faculty Council  
Room 207, Buller Building, 7 November 1966 at 3:40 P.M.

There were 49 persons present, viz:

H. Lees	M. J. Oretzki
P. K. Issac	E. Bock
J. Reid	E. H. Charlesworth
E. R. Waygood	G. Dunn
R. G. Stanton	A. N. Campbell
H. E. Welch	E. M. Kartzmark
M. G. Day	A. Queen
T. Dandy	B. Hird
C. C. Lindsey	B. Hogg
K. W. Stewart	S. K. Sen
T. J. Ward	K. I. Roulston
I. Suzuki	D. G. Douglas
B. LeJohn	A. D. Robinson
R. Hawirko	R. H. Betts
H. Gesser	K. W. Armstrong
D. W. McBride	N. S. Mendelsohn
T. Schaefer	R. J. Lockhart
F. M. Kelly	N. Losey
J. M. Vail	G. O. Losey
M. E. Kettner	B. R. Irvine
N. E. R. Campbell	H. E. Duckworth
I. Cooke	M. H. Levin
S. Standil	W. G. Barker
K. E. Standing	Dean Connor
A. H. Morrish	

Business

I. The Minutes of the meeting of April 12th, 1966 were approved as circulated on motion of Dr. N. E. R. Campbell (Sen).

II. Dr. Lees was invited to address the Council concerning a change, requested by the Division of Biological Sciences, in the regulations governing the admission of students into Science. He noted that the old, notably bad, Biology course has been replaced by either (a) the excellent BSCS (Yellow Version) (A level?) course or (b) the less intensive but still adequate Biology 301 (O level?) course. The BSCS course, in particular, is regarded as excellent both by the Division of Biological Sciences and also by the Manitoba Department of Education. Stating that the new Biology was every bit as good a background for science, or

perhaps better, than the present requirements (English and one of French, German, Latin. He moved (Lees, Waygood);

That the Science entry requirement be changed to require Mathematics, Physics, Chemistry and two of English, one of the core languages, History, or Biology (Preferably BSCS although 301 would be acceptable).

Dr. Waygood indicated that this recommendation was supported by the Department of Botany in general indicating that five grade 12 subjects should be passed including 3 at the A level and strongly recommending that Biology students should have the BSCS course. Further, Math, Physics and Chemistry should be three of the five.

Dr. Welch expressed the support of the Zoology Department and noted that (a) Biology was losing students under the present regulations to Agriculture and (b) was subsequently faced with the task of giving service courses to these same students - a situation also true in Botany and Microbiology. He noted that BSCS training was rapidly advancing and that now 1860 were enrolled in Grade 11, 1200 in Grade 12. Further 62 Grade 11 classes in 34 schools and 38 Grade 12 classes in 26 schools were teaching BSCS in the province, including all Winnipeg High Schools.

Dr. Connor supported the motion, contending that

1. Science would now permit a less rigid entry. He stated that History offered reasonable training for a scientist but its acceptance is not vital to the introduction of Biology.
2. Our requirement would now be similar to that of the Faculty of Agriculture who required English, Chemistry, Mathematics and any two of History, Biology, Physics or one of the core languages for entry.

Dr. Cooke asked if it were necessary to amend the motion to accept not more than one core language.

Following a wide ranging discussion on:

1. The difficulties of embracing students with and without Biology and dealing with them in first year. (Gesser, Connor, Cook, Dandy, Lees).
2. The impossibility of requiring Math, Physics, Chemistry, Biology and one other. Connor, Kettner, Losey (Mrs.).
3. A lack of satisfaction with Biology 301 as an entry (Hogg, Connor, Lees)
4. The place of English in our University (Kelly, Campbell, Vail, Hogg)

(a) Dr. Lees agreed to drop Biology 301 from his motion.

(b) Dr. Kelly (Campbell) amended the motion to read  
That the Science entry requirement be  
English, Mathematics, Physics, Chemistry  
and one of BSCS Biology, a core language  
subject or History.

Dr. Dunn spoke against the inclusion of English because of the nature of the Grade 12 course which neither trains people to write nor to comprehend.

<u>Voting</u>	Amendment	For	24	
		Against	16	Carried
	Proposal as amended	For	31	
		Against	7	Carried

III. Nominations were then called to elect their representatives of any rank to the Executive. These were:

Isaac nominated by Waygood (Lees)

Cooke, nominated by Oretzki (Campbell)

G. Losey nominated by Mendelsohn (Sen)

They were elected by acclamation when Roulston (Hogg) moved that nominations close

#### IV. Matters of Report

(a) Sabbatical Regulations. The Board has agreed that after 6 years and on recommendation by the department head and approval of Dean, a faculty member may go on leave for one year at half pay or one half year (1 term) at full pay.



(b) Building

- (i) The faculty office is now finished and is in the link opposite the Armes Building.
- (ii) The conference room will soon be available (bookable through the Dean's Secretary) for meetings on a first come first served basis. Eighteen can be accommodated around the table with a further 18 around the walls.
- (iii) The Zoology Psychology building will be ready for tenders within the month.
- (iv) The lecture theatre block will likely be delayed by one year.

(c) State of A and O admission proposals.

High School classes would be at two levels of achievement, A the greater, O the lesser. Minimal University requirements would be performance at the level of 3A and 20 level courses. This is presently under active consideration by all Departments.

Dr. Stanton was invited to outline the Ontario position on admissions.

Dr. Stanton, visiting Professor (Math) noted that the Ontario Universities require 4 grade 13 subjects for University admission with a credit requirement of 7. Entry was possible into Science with

- Math, Physics, Chemistry, English
- or Math, Physics, Chemistry, French,
- or Math, Physics, Chemistry, Biology
- or Math, Physics, Chemistry, History

The O and A level concept will likely vanish.

Dr. Connor: Ontario students may enter Manitoba if they satisfy the University of Toronto entrance requirements. He noted additionally the pending (1970) SACU tests which would be nation-wide, would measure aptitude and achievement and would dictate University entrance. It was very likely that following American experience, 3 achievement tests would be

required, this was one reason why 3 A's were being suggested for an entrance pending the introduction of the SACU tests. It would serve as advance notice to the High Schools.

(d) Grade Point System (including debanal procedures) will be before us within a short time.

Essentially	A+A	BC+C	D (near miss)	F (Failure)
Numerical Weight	4.54	32.52	I	0

Degree Requirement (General) 30 grade points in no more than 23 exams and no less than 15 exams.

New Business

Dr. Isaac stated an intention to discuss the statue known as (Connor) he Silence at the next meeting. He considers it offensive. Dr. Kelly (Oretski) moved that a protective fence be constructed around it since, in view of the slippery plaza, it presents a hazard.

For 24

Against 0

On the motion of Dr. Sen (Irvin) the meeting was adjourned at 5:15.

November 1st, 1966.

Dear Colleague,

Re: Meeting of Science Council  
Monday, 7th November at 3:40 P.M.

The first meeting of the Science Council will be held in Room 207, Buller Building on Monday, 7th November at 3:40 P.M.

Agenda

1. Minutes of last meeting.
2. Matters arising out of the minutes.
3. B.S.C.S. as an entry subject - Dr. Lees.
4. Elections to the executive\*.
5. Enquiries.
6. Adjournment.

\* Executive members continuing for one more year, Dr.'s Standil, Barker and Armstrong. Retiring members, Dr.'s Schaefer, Isaac and Dunn.

Yours sincerely,

*R D Connor*

R. D. Connor,  
Associate Dean.

RDC/ek