

SCIENCE FACULTY MEETING

A meeting of the Faculty of Science will be held in the Science Library at 4:00 p.m. on Thursday, April 18, 1968.

AGENDA

- (1) Minutes of Meeting of March 28, 1968.
- (2) Long-Term Planning for Science Facilities.
- (3) Curriculum Revision - Proposal (enclosed)
- (4) Research    a) Council Awards  
                  b) Submissions
- (5) New Business



*Peter Brook*  
Secretary

R66-211/5631

PB.

SCIENCE FACULTY MEETING

J.S. (A) p.3.  
Secco (B) p.3.

A meeting of the Faculty of Science, attended by thirty members, was held in the Science Library at 4:00 p. m., on Thursday, April 18, 1968.

Dr. J.J. MacDonald, Dean, took the chair.



1. Minutes.

On motion of Dr. Berry, seconded by Dr. Reid, the minutes of the meeting held on March 28, 1968 were confirmed as distributed subject to the words "Evening Session" being substituted for the words "Summer School" in the second line of paragraph (c) of page three.

2. Long Term Planning (buildings).

With reference to minute No. 6 of the last meeting, the Chairman invited members to give their views on long term planning for Science Facilities whereupon several comments were made indicating that the facilities which it was thought were to be discussed were those of equipment rather than buildings. The Chairman expressed regret if the wording of the agenda had been misleading and produced an Architects' plan showing, in four phases, campus development during the next fifteen years.

In reply to a question from Mr. Wilkie, he confirmed that current long term planning provided for the construction of a swimming pool before 1976.

Dr. Secco said that decisions about equipment facilities and related curriculum advances and extensions were more important, or deserved higher priority, than those dealing with new, but empty buildings and Dr. Shaw expressed the need to co-relate planning under three headings: -

- (a) Building facilities
- (b) Equipment facilities
- (c) Curriculum development

After further discussion, the Chairman said that he sensed the meeting was of the opinion that there was a lack of teaching instruction equipment, and Dr. Secco reiterated his opinion that for every million dollars spent on buildings there was the need for at least a quarter of a million for initial equipment.

Answering a question, the Chairman said that under current university policy initial equipment was capitalized when a building was erected, but the cost of subsequent equipment was met from departmental budgets. As examples he cited the Oland Center and the new Academic Center. Present student enrollment was 2,000 and for 1977-78 a projection of 2,600 had been given. He thought that there would be very few science students in 30% increase.

At the end of further inconclusive discussion the Chairman said that the Architects' plan for future campus development would be available for study by any member of the Faculty wanting to give the matter further thought, and discuss it at a later meeting.

### 3. Curriculum Revision.

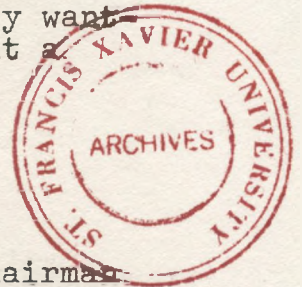
Referring to Minute No. 3 of the last meeting, the Chairman drew attention to suggested revisions in the B.Sc. general curriculum which had been circulated with the agenda, and also distributed copies of suggestions for amending the requirements for professional programs. In inviting discussion on them, he stressed that both were working papers only, and in no way reflected his views or proposals.

Dr. Lynch suggested that a Dalhousie Science Degree could be obtained in three years without taking subjects in the humanities as was required during the four years needed to obtain a similar Degree at St. F. X.

Referring to the working papers, Mrs. Pink asked why history was considered so important and Dr. Foley thought that in a bilingual country with Canada's political background, a first year French course should be specified as a requirement for any Degree. Dr. Pink said that making French compulsory surely would irritate the very situation Dr. Foley wanted to avoid.

Replying, the Chairman said that the official view of the Department of Education was that the French language should not be obligatory, and he went on to say that at Dalhousie University a student presently could take an Arts Degree without mathematics as a requirement, and a Science Degree without a modern language.

Dr. Chiasson reiterated the view he expressed at the last meeting to the effect that there should be an overall University policy on the question of required courses. Dr. Arsenault said that the fact that students entered the Arts curriculum from grade XI and Science students from grade XII meant that there was bound to be a basic difference between the two curricula.



After Dr. Ginivan had suggested that perhaps the changes in the Arts curriculum were being made for the sake of change, or to forestall pressure from the student body, the Chairman said that if they were approved at the forth coming meeting of the General Faculty, the Science Faculty would have to consider then what changes, if any, it should make in its requirements. It was not necessary to decide immediately but if science student enrolment was to grow the basis of the Science Faculty must be broadened.

(A) After further discussion, to test the thinking of the Faculty, and for that purpose, assuming the adoption by the General Faculty of the curriculum changes recommended by the Faculty of Arts, Dr. Berry moved "that the Science Faculty go on record as wanting to modify its requirements program analogous to the Arts Faculty modifications, and that details be worked out by the Faculty's Committee on Studies and be the subject of a report to the Faculty at its next meeting."

The motion, seconded by Mr. MacKay, was discussed and when put to the meeting, AGREED TO by twenty votes to five.

#### 4. Research Council Awards

The Chairman said that copies of a list of awards by the University Research Council had been tabled; the Council was meeting on Monday, April 22, 1968 to consider five further applications, and he went on to express doubt that funds would be available in 1968-69 to the extent that they had been for 1967-68.

#### 5. New Business

(B) The Chairman indicated at its next meeting the Faculty might want to give consideration to a suggested lack of funds for instructional equipment.

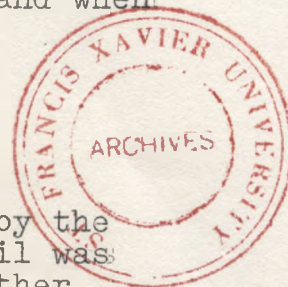
#### 6. ADJOURNMENT

At 6:15 p. m., the Faculty adjourned without determining a date for its next meeting.

*Peter Brooker*  
Secretary

Confirmed this                      day of                      1968

Chairman



Curriculum of the B.Sc. General Degree

Present Program

<u>Science</u>	<u>Humanities</u>	<u>Electives</u>
A - 4	Theology - 2	4
B - 2	Philosophy - 1	+
C - 1	English - 2	
Math - 2	Modern Language - 2	Speech & 2 credits
<u>9</u>	History - 1	in Music or Art
	<u>8</u>	

Total 21 courses + 4 credits or 130 credits.

Proposal 1 Maintain the "status quo" but drop the 4 required credits in Speech & Music or Art. These courses to be part of the chosen electives.

Proposal 11

<u>Science</u>	<u>Humanities</u>	<u>Electives</u>
A - 4	History - <del>10</del>	8 <sup>7</sup>
B - 2	English - <del>12</del>	a) 5 <sup>4</sup> of which must
C - 1	Theology - 1	be in Humanities or
Math - 2	Philosophy - 1	Social Science
<u>9</u>	Modern Language - 1*	b) 5 <sup>4</sup> of which must
	<u>4<sup>5</sup></u>	be at the 2 <sup>nd</sup> level
		or above

\* This course must be at the 2nd year level.

*Ink changes indicate the final recs. of Attee. on Studies.*

RG 621/15635

B  
M

FACULTY OF SCIENCE

Proposed Changes in Humanities and Social Science Requirements  
for Professional Programs

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PRESENT PROGRAM

PROPOSED PROGRAM

I Engineering Diploma

Theology  
English  
Elective

English  
Theology or Philosophy  
Elective (Economics?)

II B.Sc. with Engineering Diploma

Philosophy  
English  
Electives - 2

Electives - 4

Premedical and Predental

English  
Elective - 5 with at least 2 in one subject.

No change

B.Sc. with Premed or Predent

Identical with Proposal for General Science.  
(Theology - Philosophy 42 required)

B.Sc. in Physical Education

English - 2  
Theology  
History  
Arts or Science Electives - 6

English  
Theology - Philosophy  
History  
Arts or Science  
Electives - 7

B.Sc. in Home Economics

Theology - 2  
English - 2  
Modern Language

Theology or Philosophy  
English  
Modern Language  
(2nd Level)

Psychology  
Philosophy  
Social Science

Psychology

Elective - 4

B.Sc. in Nursing (4 Year)

Theology - 2  
English

Theology-Philosophy 42  
English

Theology  
English  
Elective

English  
Theology or Philosophy  
Elective (Economics?)

II B.Sc. with Engineering Diploma

Philosophy  
English  
Electives - 2

Electives - 4

Premedical and Predental

English  
Elective - 5 with at least 2 in one subject.

No change

B.Sc. with Premed or Predent

Identical with Proposal for General Science.  
(Theology - Philosophy 42 required)

B.Sc. in Physical Education

English - 2  
Theology  
History  
Arts or Science Electives - 6

English  
Theology - Philosophy  
History  
Arts or Science  
Electives - 7

B.Sc. in Home Economics

Theology - 2  
English - 2  
Modern Language

Theology or Philosophy  
English  
Modern Language  
(2nd Level)

Psychology  
Philosophy  
Social Science

Psychology  
Elective - 4

B.Sc. in Nursing (4 Year)

Theology - 2  
English  
Psychology - Sociology - 5  
Education  
Elective - 1

Theology-Philosophy 42  
English  
Psychology-Sociology-5  
Elective - 3

B.Sc. in Nursing (R. N.)

Theology - Philosophy (42)  
English  
Psychology - Sociology - 4  
Elective - 1

No change