

January 11, 1967

Science Faculty Wed @ 3:40

W. J. Barken

P. Isaac

W. Weygood

Lubinsky

H. J. Day

T. Dandy

M. E. Davis

M. H. Levin

H. R. Godawan

J. M. Walker

F. Paul Preston

B. R. IRVINE

A. C. Turnock

James Reid

K. W. Armstrong

Henry C. Inlayson

C. M. Wong

R. C. Barber

B. G. Hagg

A. H. Morish

H. E. Welch

R. Hawick

M. J. Oetzli

H. D. Bullock

W. G. Campbell

Shees.

W. E. Alexander

C. E. Dunn

Edward Carlswort

R. Kautz

A. N. Campbell

E. Bock

M. E. Kethun

S. K. Sen

J. Cooke

J. H. Sandfoot

B. J. Monahan

A. D. Robinson

Gerald O. Losey

Nora Losey

M. Mendelsohn

Diane Johnson

R. H. Betts

R. J. Lockhart

Lanna

Sibley

Wednesday

Special Session Science Faculty Council

Jan 11, 1967. Room 206 Buller 3:40 P.M.

The following (46) members attended:

Following acceptance of the minutes of the last meeting (Motion by A. N. Campbell (N. E. R. Campbell))
Dean Connor stated the purpose of the meeting and limited its scope to a discussion of the science entry requirement as adopted ^{at the last meeting}. He noted that the Executives had concurred to the Science Council motion and had asked that two points ① the non-acceptance of Biology 300 ~~(300)~~ as an entrance subject and ② the requirement of English along with Mathematics, Physics and Chemistry as mandatory entry subjects be reconsidered.

Dean W. M. Sibley spoke to these matters:

I Biology

Science Council

(i) The ~~University~~ is on record as agreeing to accept an improved Biology offering. Course 300 is recognizably superior to the old offering, a fact according to University Biology Heads, ~~and should be~~ and since it is sound should be accepted.

(ii) Although the BSCS course is ^{Rapidly being} ~~adopted~~ adopted it will not be universal for some time. This will result in a loss to the Science faculty of good students unless the 300 is accepted.

(iii) The University accepts ^{and elsewhere} ~~300~~ ^{Course 300} Arts, Agriculture and Home Economics, and can hardly be excluded by Science since ~~BSCS is not used as a~~ ^{exclude it in} prerequisite to Biology 125 ~~whereas~~ ^{no} Biology is required in a - -

(iv) The fear ^{had been} ~~was~~ expressed that by accepting 300 ^(see) we might slow the progress of BSCS. (This was not noted in the minutes) This should be stated publicly. ^{Only} a public statement to the effect that this must not take place would be in ^{order}

(v) The BSCS + 300 ^(see) courses fall in line with the A + O concept of courses and perhaps should be considered in that light. although ~~for~~ this Council may not ~~have~~ ^{yet} been ready to discuss A and O level courses because of incomplete information.

(vi) It is known that entry courses are often unpaired ^{and non-uniform} (e.g. Physics (~~two~~ ^{two} courses) and Chemistry (~~two~~ ^{two} courses)).

the teaching and dealt with the retraining program.

(Hogg, Isaac, Waygood, Lees, Armstrong Cook, Herin)

On the motion of A. N. Campbell (Waygood)

for Science entrance

proposing the acceptance of Biology 300 (~~300~~) ~~with~~

~~the B.S.C.'s course for University entrance,~~
the vote was: for - large number.
against - none.

Dean Sibley suggested ^{as} a rider to the motion

that the acceptance of the 300 course be predicated

on the understanding that this not be to the detriment of

the introduction of BSCS biology.

II English.

to the ^{possible} exclusion of other
languages. History, etc.,

Speaking to the decision of the Science faculty to

demand English as an entry Dean Sibley ^{noted} asked

if & once again the Executive had asked for a

reconsideration. In support ~~to~~ he made the following
points.

by the Science Council
The decision to make English mandatory

(i) ~~The mandatory acceptance of English for entry by~~
~~students~~ is a departure from a decision taken in
establishing the Major/minor program, to place English,
French, Latin and History on equal footing.

(ii) If this decision has to do with assuring that all ^{students}
have command of the language, there is just as valid
an argument for supporting Latin ~~for~~ that matter
why exclude history or geography?

(iii) With respect to University entrance there are many
considerations e.g. should a science student have a
reading knowledge of a second language? Perhaps the only
clear approach is to have a prerequisite in certain areas.
We must distinguish between what is advisable ^{and} what
is compulsory. Perhaps such a system as this would
work:

| | |
|-----------|---|
| Group I | mathematics |
| Group II | Physical Sciences - physics & chemistry |
| Group III | languages |
| Group IV | Biology, History etc. |

A general entry to consist of:

One of Group I
One of Group II
One of Group III ^{Group II, III and}
Two options from ~~Group IV~~ ^{Group II, III and} subject to departmental
prerequisites

pointed out that our former language requirements
here based on a situation no longer obtaining,
& asked

(10) Dr. Sibly discussed former language requirements which ~~are now untenable~~ pleading that if a distinction is to be made regarding entrance requirements it should be ~~based on~~ ^{accompanied by a clean nationality} Perhaps it would be best to have a matriculation scheme for the whole University demanding a minimal standing on a list of 5 subjects with each faculty superimposing its own requirements ~~(based on a list of standing)~~

Discussion

^{protracted} The discussion centered ^{on} about the Faculty's desire to have students enter University with ^{& known} the ability to write and to understand good English. Additionally (Campbell) it was noted that perhaps an acceptable language should have a cultural content and a ^{substantial} ~~literary~~ ^{COretski} ~~literary~~ content. ~~Moreover,~~ The fear was expressed that unless English ^{here} ~~was~~ a mandatory subject ~~that~~ its teaching in high school would be down graded. Mention was made ^{of the fact} that the high school ~~does~~ ^{promote} did not promote the ability to ~~use~~ ^{use} English ^{properly} ~~well~~ ^{properly} (Armstrong). Indeed (Noonan) ^{Dunn} in terms of ^{usage} ~~usage~~ ^{usage} and 12 History ^{is} ~~is~~ superior to English.

The Math matter

Additionally (Looney, Mendelssohn) ~~for entry into~~ ~~mathematics~~ ~~the student~~ ~~requirement of~~ physics and chemistry was regarded as unnecessary and restrictive.

Resolution was introduced (Isaac - Lees) " That the science

entry requirement shall be :

Mathematics, chemistry, physics and two of Biology (BSCS 300), English, Second language, history.

Drs Hoy & Mendelsahn expressed the view that the math

^{restrictive}

physics chemistry part of the motion was unsatisfactory and unnecessary

from the standpoint of mathematics and supported the scheme suggested

in Dean Sibley's remarks ^{with} each department to establish its own

prerequisites. Drs Betts & Pandy ^{Rooke} agreed. Dr Lees.

suggested that all sciences other than mathematics would require

the math, physics and chemistry

Dean Connor noted that with the advent of ^{the} SACU admission

^{were likely to}

test all other requirements ~~would~~ be set aside. Meanwhile

noting that math was universally needed he asked for an

opinion on a scheme with four options i.e. Math and four of:
Physics chemistry, English Biology (BSCS 300), languages, history.

This suggestion ~~of~~ was offered as an amendment (Cooke Johnston) and was debated at length. It was noted that a student could enter science with math, English, history, and biology (Betts) which is unsatisfactory. The difficulty of appusing students ~~It was observed, following a discussion of~~ of complex entry variations was mentioned (Lees), a view supported ^{AD} by Campbell who pointed out that high school students didn't know university regulations, let alone Departmental. Dean Sibly suggested that with new high school courses and sequences students would know much earlier where their competence lay. He proposed that we lay down our requirements without too much concern about the students, who will ^{in any case} sort themselves out by grade 12. Dean Connor described the summer school make up as ^{providing assistance} ~~as~~ flexible ~~versatility~~ to a student who had made a bad choice.

On the amendment.

For - 7.

Against - many.

At this time Dr Isaac was asked to clarify his

motion with regard to the acceptability of geography, music,
^{like} art (not included) and with regard to the languages considered
acceptable. These are French, German, Latin, Ukrainian, Russian
and Spanish.

A motion by Cooke (Kettner) to table the matter until a
further meeting was defeated, five supporting.

The motion (Isaac, Lees) was passed with a large
majority (10 opposed).

The meeting was moved adjourned (Isaac-Barker) following
Dean Conna's invitation to the Council to avail themselves of the
new Faculty Conference Room (36 seats) in the @rnes link.

December 16th, 1966.

TO: Science Faculty Council

FROM: R. D. Connor

Re: Science Faculty Council Special Meeting

A special meeting has been called for Wednesday, January 11th, 1967 at 3:40 P.M. in 207 Buller Building.

The business will consist of one item, viz, the matter of Biology as an entrance subject in Science. This has been referred to us for further study and comment by the Executive Committee.

RDC/ek