

Copy

Memorandum

Changes caused by the separation
of the chairs of Mathematics and
Natural Philosophy.

1. All the lectures in Natural Philosophy
are necessarily transferred to the
Professor of Physics, unless specified
to the contrary (as has been
done in the case of Astronomy)

Hence three lectures in the
Donalda Department have been
necessarily transferred to Professor
Cox

These lectures are paid for out
of the Donalda Endowment Fund.

2.

The establishment of a separate
chair of Mathematics (to which, however,
Astronomy is attached) has rendered
possible an increase in the number
of lectures which has been urged
publicly and privately for many
years.

The latest occasion was in a mem-
-orandum given to Principal Sir Wm
Dawson, March 10th 1890 (it may
probably be obtained from him, if asked
for) in which it is set forth, that if
the chair of Math.^s and Nat. Phil.^s were
divided the minimum number of
Honour lectures ought, in the Mathematics
of the first two years, to be three in each
year. This number would put us
on a level with Toronto and Queen's Coll. Kingston.

I submit herewith a calendar of Queen's College which shows, on p. 45 that as far back as 1886-7 this number was given there

The words are, under Honours, -
First Year - "This class meets three times a week" - and again under Second Year "This class meets three times a week". This gives 6 lectures for both years.

By the separation effected in September last it was possible to raise the number to five for both years in McGill College.

This was an increase of 3 lectures weekly for the men, which as has been indicated, it was a matter of duty to give when the opportunity offered.

It would not have been right to withhold it from the men, even if the women could not have the same advantage.

For, of course, the question of offering an equal increase to the women came next.

Here one of three courses might have been followed: -

1^o. That the women should take the same classes as the men, with no increase of cost. This was forbidden by the conditions of the Donald A. Gordon - ment which allow no mixed classes of any kind with the first two years

2^o. Not to offer the increase to the women

The same examination as for the men would be open to them, but they would then have less than half the preparatory teaching given to the men.

3. To put them on the same level as the men exactly, by offering them three lectures weekly in separate classes. — The payment for these lectures would of course come from the Donaldson endowment

I submit herewith a copy of the "Notes" on the first rough draft of the resolution for the division of the Chair which I gave in writing to the Senior Governor (Mr Molson) on September 20th

It will be noticed that I spoke of the transference of lectures as causing a reduction of my salary unless the new Donaldson lectures were authorized.

Mr Molson said when he saw me afterwards that there was no intention to reduce my salary.

The wording of the resolution actually passed was in accordance with this — I would have preferred to have had it more definite, but verbal criticism would hardly have been becoming under the circumstances and seemed unnecessary in a case where the need for the lectures was so clear.

The lectures have been given
The matter now rests entirely
with the Government if they desire
any change.

In connection with the Dean's
salary necessarily arises the
consideration of the Dean's duties
and amount of work. Therefore
I beg leave respectfully to draw
attention to a fact which seriously
concerns the interests of the Faculty
of Arts.

It is simply the excessive
amount of clerical work, correspondence,
and book-keeping imposed on
the Dean by the increase in the
number of students few years.

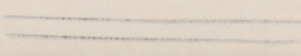
I wrote a letter on this subject
to Sir Wm Lawson in April 1892

Provision is made in other
Faculties against over-pressure due
to this cause.

The Deans of Law and Applied
Science have each got Secretaries
to aid them, while the Dean of Arts
has none.

Yet the number of students (in which
the work depends) is, considering the
men only, greater in Arts, than in
Applied Science, being 236 against
183, and much greater still
than in Law.

The lecture has been given
The matter was not of high
with the program of the
any change.



In connection with the
delay necessarily arising
character of the lecture
and amount of work, I
I do not perfectly
attention to a fact which
concerns the interests of the
of art.



It is simply the
amount of cleared work, I
and not the keeping
the level of the river in
number of students for
I write a letter on this
to the Mr. L... in April 1872

Division to meet in
lecture against the
to this course.
The level of law and
course has not yet been
to out them, while the
has been.

Let the number of students
the work (perhaps) in
more only, given in
Applied Science, being 235
183, and much
has in

I may add that the work
has more than doubled since
the salary was first arranged

The excess of work of this character
necessarily makes a heavy reduction
in the time and energy that
can be devoted to that essential
part of a Professor's life — private
study.

The whole respectfully submitted

Alexander Johnson M. I. T.

Dean
Frc. of Arb

May 19th 1844

Copy

[of Notes given to Mr H R Molsen on
Wednesday September 20th 1892]

Notes on draft of Resolution to be proposed
at meeting of Governors September 22 1893

1. The proposed change would diminish
X my salary by \$300 a year, by transferring
to another Professor the payment for
three lectures in Physics which I at
present give in the Donalda Department.

2. As however, on the separation of the two
X chairs I now hold I should propose at
once to increase the number of Honour
lectures to men in the first two years;
the above objection would be met if
I were authorized to increase the
number of Honour lectures in the first
two years in the Donalda Department
by the same number as that transferred
in Physics.

3. The above is on the supposition that the
assistance in Mathematics, which I have at
present, will be continued. If not, I cannot
make the above improvement in Mathematics
(which is only a restoration of the standard of 20
years ago), and my work may even be
heavier than at present.

4. The custom of Universities is to have a chair
of "Mathematics" not "Pure Mathematics". The two
have the same meaning in practice, but there may
be advantages in the former at some future time.
It would be more appropriate also at the present
(when Astronomy is to be part of my work)