

rectified in the near future with advantage to the department.

The Requirements of the Department of Physics.

As has already been pointed out, the Macdonald Physics Laboratory was designed for about 250 students. With the large increase in number of students and consequent increase in staff, together with the development of a graduate school, the building is greatly overcrowded.

N.B. A good many of these very elementary students should have had this work at school. Indeed it was done not long ago in Quebec schools. C.W.S.

Prematriculation training.

This department believes that the standard of prematriculation training in the Province of Quebec as far as physics is concerned should be raised to include elementary electricity, magnetism and light. More extensive mathematical training is also desired in the case of all students intending to specialize in science at the University. More drill in Arithmetic and Algebra should be given in the schools. Memory methods are too prevalent.

Matriculation Standard.

This department considers that an honours matriculation should be instituted and that in time it should replace the senior matriculation for all students intending to take honours. The honour matriculants would take four full years. The standard of the ordinary matriculation should also be raised but not until the schools are in a position to meet a further demand of this kind. Attention is called to the fact that time can be gained in the lower school rather than in the high school.

Honours in First Year.

In physics it is essential that advanced classes in mathematics and physics should be attended by all students intending to take the honour course. Exemption of the student from one subject in order that more mathematics may be done by prospective physics honour students is recommended.