

### Combination Courses

#### Section III

Refer to Section 31 of the General Report.

Students in the combined courses are essentially graduates of their own departments and the Commerce Department will be responsible for giving service in selected courses to those departments.

One additional year must be taken during which the combination students will be given the fundamental group courses best fitted to orient them in their respective professions. Normally a 15 unit year with a thesis supervised by both departments concerned would comprise the additional requirements.

If a combination student were to graduate from his own department first and then take his commerce work all in one year, he would not properly associate his business training with his technical preparation. Moreover, he would be entitled only to a B. Com., which would mean nothing in comparison to his chief degree.

In the case of combination courses I would recommend that as far as possible an alternative Master's degree be worked out with the student electing before the senior year. Then during his last two years he would take commerce courses in conjunction with the work of the senior and M.A. year in his own department--with a final thesis which must satisfy the M.A. standards of his own department and with an added section dealing with the commercial significance and applications of his technical work.

The feature of such a thesis would be that it would not be in the field of pure science. It would have to deal with a practical problem actually faced by some individual business concern.

There are advantages to this plan. It creates a new type of M.A. work for the department concerned and brings that department closer to the actual problems of individual concerns than is commonly the case. It creates a new cooperation between the commerce department and its sister departments. Above all--from a practical standpoint--it develops a strong type of graduate. Were the commerce department to devote itself entirely to this work it would be rendering a service valuable enough to justify its existence.

It must be understood, of course, that the combined course is only for the mathematician, chemist, engineer etc., who is headed for business and who otherwise would automatically leave the University with his Bachelor Degree.

Details of such courses can only be worked out in consultation with other departments. In some cases, such as agriculture, special commerce courses would probably have to be prepared. As an illustration, however, I would say that an engineering graduate would need commerce work as follows:

Fundamentals of Accounting, Industrial Management, Business Finance Problems, Marketing, Combined Report on an Industrial Problem, Option.