

COURSES OF STUDY.General Notes - Courses offered.

Degrees are granted in the major divisions of Engineering:- chemical, civil, electrical, mechanical, mining and metallurgical,- the course extending over four years in each case. In recent years, many colleges have granted degrees in other divisions such as agricultural, illuminating, industrial, ceramic, marine, radio, textile, etc. No doubt this represents an effort to satisfy vocational aim, but the best opinion is opposed to over-specialization along such lines. The advantage of highly specialized teaching is doubtful, inasmuch as a student rarely knows definitely what his work will be after graduation. It may be an advantage financially at the outset of a graduate's career, but in the long run it is much less valuable than a more thorough training in one of the broader general divisions. Even if such specialization were desirable, there would still remain the financial burden imposed by the necessity of providing a teaching staff properly qualified to handle such diversified work. Such a burden would be especially heavy in engineering schools in which the number of students is relatively small, resulting in a small number of students per teacher.