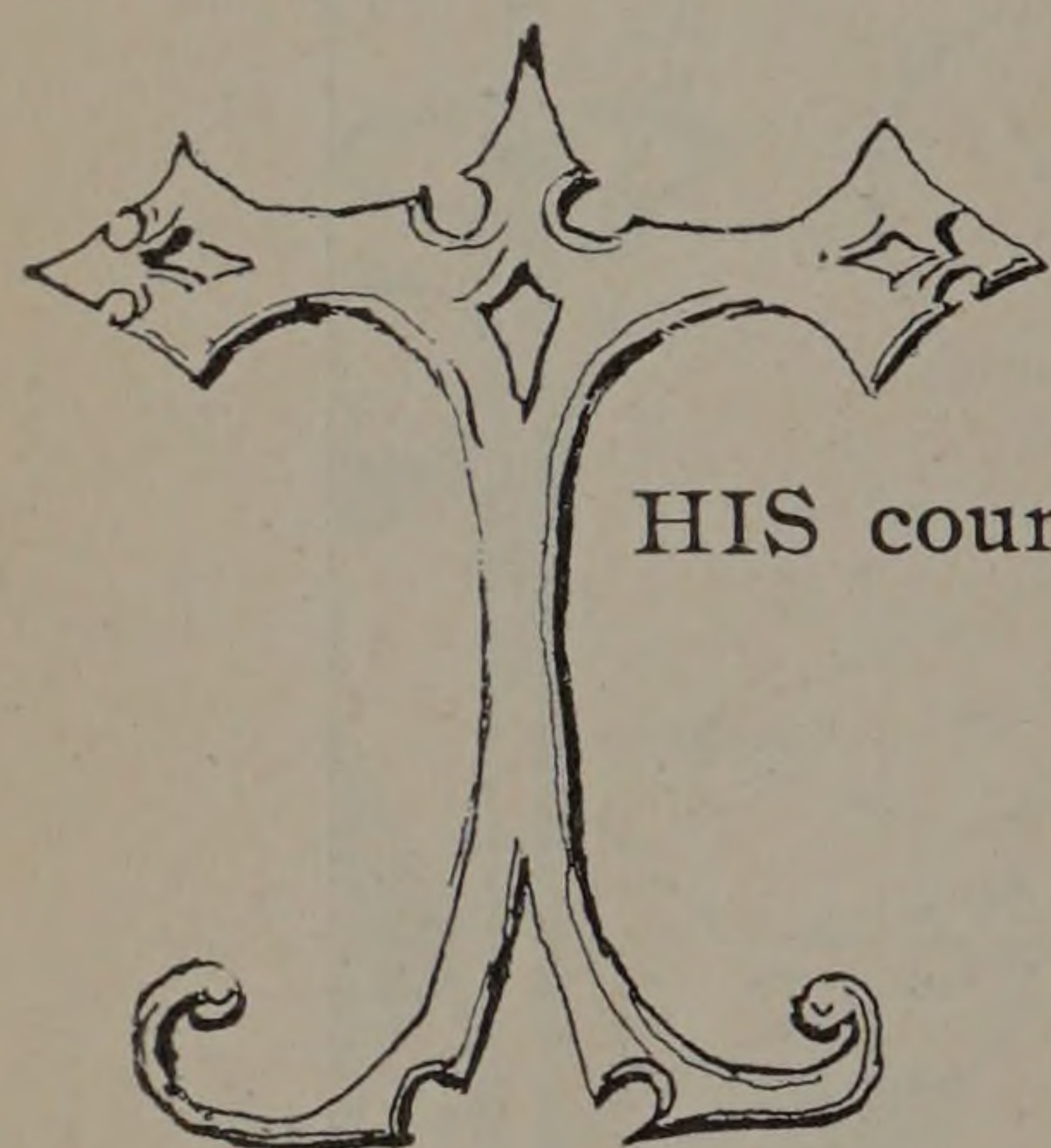
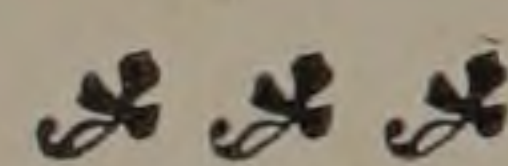


Mathematics and Physics Department



HIS course has been established to meet the wants of persons who, while not caring to take an engineering course, may wish to avail themselves of the training and associations of a technical institution. To such are offered not only thorough instruction in mathematics, physics and chemistry, but also options in topics selected from the technical courses, and a wide range of other subjects, including history, literature, rhetoric, logic, psychology, biology, French, German, political economy and business law.

In particular, the course is designed for students who desire thorough instruction in mathematics and physics as a preparation for post-graduate work or for the purpose of teaching. It is tentative in its nature and a wide range of electives will be allowed. Special electives in instrument-making, glass-blowing, photography and manipulation of lecture apparatus will be offered for students who wish to become teachers of physics, and in the history of, and methods of teaching, mathematics for those who wish to become teachers of mathematics. The regular engineering courses of the Freshmen and Sophomore years will be regarded as an equivalent for the first two years of this course.

The course as planned is unique in character, but it is believed that the library, the laboratories and the shops of the Institute offer special advantages for the proper prosecution of the work. The development of the work along the lines both of Mathematics and Physics will be so co-ordinated that as the student acquires skill in his Mathematics he will find in the Physics an immediate application of it as well as a continued suggestion of the need of the advanced Mathematics.