

**GEOLOGY 9. MAP READING AND INTERPRETATION.** Two hours credit. Both semesters. A study of figures shown by different types of maps and interpretations or their application to military objectives. Schoewe.

**MATHEMATICS 3a. PLANE AND SPHERICAL TRIGONOMETRY.** Three hours credit. The usual work in plane trigonometry and in addition the elements of spherical trigonometry. Prerequisites, one year of plane geometry and either Math. 2a or 2b. (Students who have had a course in plane trigonometry and wish to take spherical trigonometry are advised to enroll in Astronomy 40, Navigation). Storer.

**MECHANICAL ENGINEERING 56. TIME AND MOTION STUDY.** One and one-half hours of credit. First semester. A study of machine tool and manual operations and the setting of standard times. Fee, \$1.50. Sluss.

**MILITARY LAW.** Three hours credit. Open to seniors. This is designed to be a general course in military law and will be taught by Professor J. B. Smith of the School of Law.

**PHYSICS 154. VACUUM TUBE ELECTRONICS.** Three hours credit. Second semester. A combination class and laboratory course designed to acquaint the student with the present-day use of the vacuum tube in a variety of experimental problems. A study of the characteristics of typical vacuum tubes and the use of these tubes as rectifiers, detectors, amplifiers, oscillators, relays, regulators, counting and timing devices, oscillographs, electron microscopes, etc. Prerequisite, a year's work in general physics. Fee, \$2. Stranathan.

All of these courses may be taken for credit by students in the College of Liberal Arts and Sciences, and most of them by students in other schools. If you are in doubt whether a course will count toward your degree, see the dean of the division in which you are enrolled.



## **TRAINING OF PARTICULAR INTEREST TO WOMEN**

Although women students are barred from none of the work discussed in this pamphlet, except that in military