

Teaching by *Specialists*

Education, or resident instruction, occupies a central position in the Land Grant College program for Agriculture. At the University of Arizona, courses are taught by specialists who also conduct research in their respective fields. From work in the laboratory and on experimental farms, and from visits to farms and ranches throughout the state, these instructors bring to the classroom a continuous supply of up-to-date information appropriate to the needs of students and the needs of Arizona's agriculture.

The courses offered by the college are especially planned to prepare young men for positions of leadership in farm and ranch operation and in the agricultural

industry of Arizona and the Southwest. In addition to the Bachelor of Science degree, the degrees of Master of Science and Doctor of Philosophy are offered in several fields.

Major Fields of Study

Agricultural Chemistry and Soils	Botany and Range Ecology
Agricultural Economics	Dairy Husbandry
Agricultural Education	Entomology
Agricultural Engineering	Horticulture
Agronomy	Plant Pathology
Animal Husbandry	Poultry Husbandry

Special Curricula

General Agriculture	
Pre-Forestry	Pre-Veterinary



The teaching faculty of the College of Agriculture at the University of Arizona is made up of these trained specialists in the many fields of agriculture.

Students *Learn* . . .

In the classroom, in the laboratory, and on the University farms, students have ample opportunity to learn. In addition to basic scientific studies, crop and livestock production is emphasized. Ranches and farms also are visited during the year to afford additional opportunities to learn more about the practical aspects of crop and livestock production — and Arizona's great agricultural industry.

The U of A College of Agriculture has one student enrolled for each 234 of the State's farm population, and ranks 12th among the 48 Land Grant Colleges in this respect.

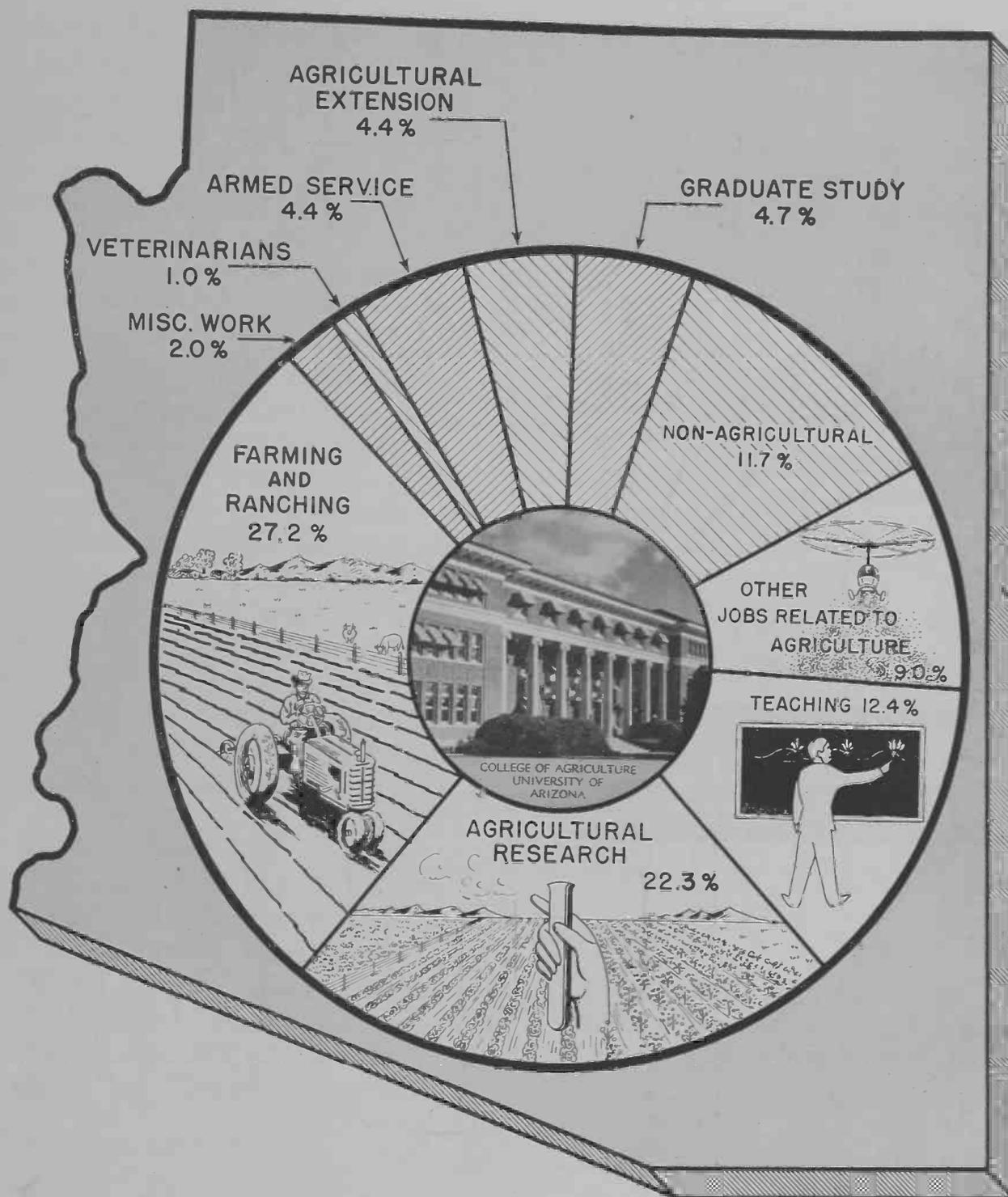


Students learn careful and accurate work in the laboratory. Entomology students here work on insect-identification assignments.



Many "classroom" sessions are held on the University of Arizona farms. Here a group of agronomy students study under "grass-roots" conditions.

Graduates *Serve*



Vocations Followed by Graduates of the College of Agriculture of the University of Arizona. (Through the Class of 1950)

How College of Agriculture graduates from the University of Arizona serve agriculture and related industries is shown on the state outline map above. Note that 9 out of every 10 of these graduates have gone into agricultural work and are serving agriculture in some capacity.

More than one-fourth of the graduates have gone into farming and ranching, taking the results of latest agricultural production methods with them. The national average for graduates of Land Grant col-

leges going back on to the farms and ranches is 12.3 percent. With 27.2 percent of the U of A's College of Agriculture graduates returning to farms, it is clear that more than the usual number of students are learning and practicing practical, modern farming methods.

Another 12 percent of the graduates are teaching the latest in agricultural methods, and 22 percent are working in agricultural research, serving agriculture now and for the years ahead.