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In Graduate Study They Choose What They Do

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GRADUATE work results not only in a master's degree for the student but in valuable contributions in research to her field. When a student begins her graduate work, she submits to a graduate committee for approval a title for her thesis, an outline of the material it will cover and the names of her advisors. Then she works with her advisors on her chosen research.

The graduate student must complete with a B average 45 credits of graduate work including the writing of a thesis. Upon her advisors' consent, she submits her thesis to a selected committee of the graduate faculty, which conducts an oral examination over her study.

Leona Stringfellow has chosen "Programs of Iowa Radio Stations as Sources of Homemaking Information" as the title of her thesis. This research includes all radio programs broadcast in Iowa and directed to women. She has received recordings of many of these programs and has classified them according to subject. A jury of qualified judges in each field will evaluate these programs as sources of homemaking information.

Food Service

"Qualifications, Responsibilities, and Personnel Policies of the Food Service Staffs in Accredited Iowa Hospitals" is the title of the thesis written by Jennie Bang, who is doing her master's work in institution manage-ment. She sent questionnaires to 150 college hospitals and asked for information which was used in her thesis, published in November.

Dr. Francis Carlin, of the Department of Foods and Nutrition, completed her doctor's degree this summer with a major in foods and minors in chemistry and microscopic anatomy. Her thesis was on the effect of freezing on tenderness and on ice crystal formation in poultry frozen after various periods of aging.

Some graduate foods students are doing research on frozen foods, dried eggs and milk. Graduate nutrition students are conducting studies on riboflavin in the menus of college students.

Guinea Pigs

However, many of the experiments to improve our nutrition or determine the effects of a poor diet are conducted using rats and guinea pigs as subjects. Their shorter life cycle makes it possible to determine the effects in a shorter time.

Miss Dorothy Briles, of the Department of Textiles and Clothing, is doing a study on the ability of freshman women to apply the principles of color in costume design. From this research on methods of testing these abilities she will write her thesis. She is also carrying a full-time teaching schedule and can therefore take only five credits of graduate work each quarter.