

AGRICULTURE - GENERAL (AGRI)

AGRI 450G Rural Health and Safety 3 Hours

Students will explore a variety of health and safety issues unique to rural populations. The interdisciplinary team concept will be used throughout the course to foster collaboration that facilitates sharing of the expertise of students and faculty.

Recent Term(s) Offered: None

AGRI 491G Data Analysis and Interpretation 3 Hours

Statistical models and use of samples, variation, statistical measures, distributions, tests of significance, analysis of variance, regression, correlation and chi-square as related to interpretation and use of scientific data.

Recent Term(s) Offered: summer 2017; fall 2017; fall 2018

AGRI 493G Sustainable Agriculture 3 Hours

Effect of diminishing resources, environmental pollution, and short-term economics on the sustainability of productive agriculture. Emphasis on managing crops, livestock, and other farm resources in providing an ecological-economical balance in agricultural production. Note: Upper division standing, minimum of 18 hours in agriculture or related areas required.

Prerequisite(s): permission of instructor

Recent Term(s) Offered: fall 2017

AGRI 528 Population Genetics 3 Hours

Application of genetic and statistical concepts to populations of plants and domestic animals.

Prerequisite(s): BIOL 327 and (AGRI 491 or equivalent)

Recent Term(s) Offered: spring 2017; spring 2018

AGRI 590 Experimental Design 3 Hours

Statistical consideration in experimental design; covariance, multiple regression, factorial design, and incomplete block designs.

Prerequisite(s): AGRI 491 or permission of instructor

Equivalent(s): GEOS 590

Recent Term(s) Offered: summer 2016; fall 2016; spring 2018; summer 2018

AGRI 597 Independent Special Problems/Agriculture 1-3 Hours

(repeatable max of 9 hrs)

Supervised individual study in agriculture.

Prerequisite(s): permission of instructor

Recent Term(s) Offered: spring 2016; summer 2016; fall 2016; summer 2017; fall 2017; spring 2018; summer 2018; fall 2018

AGRI 598 Seminar 1 Hour (repeatable max of 3 hrs)

Problems and research in agriculture. Required of all graduate students.

Recent Term(s) Offered: spring 2016; fall 2016; spring 2017; fall 2017; spring 2018; fall 2018

AGRI 599 Thesis Research/Writing 1-6 Hours (repeatable max of 6 hrs)

Thesis research and writing directed by faculty committee.

Recent Term(s) Offered: spring 2016; fall 2016; spring 2017; fall 2017; spring 2018; summer 2018; fall 2018

AGRI 600 Maintaining Matriculation 1-6 Hours (repeatable max of 6 hrs)

Continued enrollment for thesis completion.

Recent Term(s) Offered: fall 2016; spring 2017; fall 2017; spring 2018; summer 2018; fall 2018

AGRI 675 Advanced Topics/Agriculture 1-3 Hours (repeatable max of 10 hrs)

Issues and scientific developments of current interest.

Prerequisite(s): permission of instructor

Recent Term(s) Offered: spring 2016; spring 2017; spring 2018