

Northwest Arkansas Community College
(Science and Mathematics Division)

Discipline Code

AFLS

Course Number

2921

Course Title

Agricultural Undergraduate Research I

Catalog Description

Students participate in a faculty led research project in a laboratory science area of interest not served by a traditional course. One hour of agricultural lab science credit.

Prerequisites

One lab science class and/or instructor consent

Credit Hours

1 credit hour

Contact hours

22 lab contact hours

Load hours

1 load hour

Semesters Offered

Fall, Spring

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

Students completing this course will have played an active role in the discovery of knowledge and/or application of knowledge, and will be able to perform one or more of the following:

- Organize and synthesize information to answer a scientific question.
- Gather relevant information involving scientific literature research.
- Document scientific procedures to ensure repeatability.
- Develop practical lab skills.
- Analyze data collected
- Interpret the impacts of the research on the scientific knowledge base.
- Disseminate scientific results.

General Education Outcomes Supported

None

Standard Practices

Topics list

- Scientific methodology
- Scientific reasoning
- Safety protocols
- Basic and advanced scientific protocols
- Data collection and interpretation

Learning activities

- Courses must, at a minimum, cover the core learning outcomes.

Assessments

- Research findings will be presented in a written or oral manner.

Grading guidelines

- A minimum of 70% of the grade must be proctored, supervised, or otherwise verified.

Revision Date November 4, 2022