

**Appendix B: Learning Outcomes for the First Year Experience (FYE)
Agriculture & Life Sciences (ALS) Course**

The CALS librarians meet with the FYE ALS course three times in a semester. Students are required to complete one online module prior to each 50 minute session.

Lesson 1: Pre-class module, Evaluating Sources

Learning Outcomes

- Explain the importance of evaluating research resources before selecting sources to use in a project
- List the five evaluation criteria
- Identify the indications of reliability in different types of research resources
- Demonstrate comprehension of the material through an online quiz

Lesson 1: In-class session, Finding Credible News Sources on a Topic

Learning Outcomes

- Discuss why credible and authoritative sources are required for college-level work
- Demonstrate the ability to evaluate news sources using the evaluation criteria

Lesson 2: Pre-class module, Plagiarism

Learning Outcomes

- Explain specific tactics to employ in order to avoid plagiarism
- Discuss the importance of citing sources
- Demonstrate comprehension of the material through an online quiz

Lesson 2: In-class session, Citing Sources

Learning Outcomes

- Analyze the components that make up a citation
- Demonstrate how to properly cite sources using APA format

Lesson 3: Pre-class module, Searching for Sources

Learning Outcomes

- Identify appropriate keywords for your research topic and create searches with them
- Explain the importance of, access, and explore our Summon service
- Select and begin to use disciplinary databases relevant to your topic

Lesson 3: In-class session, Incorporating Information Sources into Course Project

Learning Outcomes

- Select one source to be used in the course project
- Justify the credibility and authority of the source
- Describe how the source relates to the research area
- Explain how to incorporate and attribute the source into the course project