**LBHC Associate of Science Degree in Agriculture** (includes rangeland ecology and management and livestock management and industry options)

Program Learning Outcomes Curriculum Map and Plan[[1]](#footnote-1)

Updated 07.02.2024

| Program learning outcomes: *Graduates should be able to…* | AG 100 | AG 132/133 | AG 230 | AG 210 | AG 242/243 | SC 201 | AG 233 | AG 234 | AG 235 | SC 122/123 | BU 221 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Knowledge: Apply agricultural terminology that is needed for a foundation for understanding of the processes found in the agricultural setting
 | I | A2 (2024-25) | A2 (2025-26) | R | R | R | R | R | R | R | I |
| 1. Critical Analysis: Analyze and formulate possible solutions to complex problems found in agricultural studies and research.
 | I | I | R |  R | A3 (2025-26) | R | R | R | R | R | I |
| 1. Communication: Access, comprehend, and communicate knowledge to and from the many audiences required by a practitioner in agricultural settings and agriculturally based fields of study.
 | I | I | A4(2024-25) | R | R | R | R | R | R | R | I |
| 1. Technical skills: Gather and analyze information in agricultural practices and research.
 | I | I | R | R | A5(2023-24) | R | I | I | I | R | I |
| 1. Human and Cultural Perspectives: Apply social, economic, political, and legal aspects of agricultural practices and research both on and off traditional Crow land
 | I | I | A6 (2025-26) | R | R | R | R | I | I | R | I |

1. Only courses that are a part of the main program of study requirements should be listed on the first row. Courses that are not required for only this program are excluded from the list of courses (e.g., exclude general education core requirements). I, R, and A indicate the main program of study requirements – courses in which each program learning outcome is introduced (I), reinforced (R), and formally assessed (A). There should only be one formal assessment (A) in each row and the year of assessment should be noted. Not every cell in every row needs to be filled in; however, each listed course should have at least one letter – either an I, R, or A in its column. This document was created and reviewed by Sara.

2 Program learning outcome 1 is assessed in AG 132/133 (natural resource conservation/range lab) and AG 230 (livestock range management) in terminology quizzes and tests.

3 Program learning outcome 2 is assessed in AG 242/243 (natural resource ecology) in the final project.

4 Program learning outcome 3 is assessed in AG 230 (livestock range management) in module assignments.

5 Program learning outcome 4 is assessed in AG 242/243 (natural resource ecology) in the final research project/lab.

 Program learning outcome 5 is assessed in AG 230 (livestock range management) in module assignments. [↑](#footnote-ref-1)