# AGRICULTURE (AGRI)

See Course Description Symbols and Terms (https://catalog.csuchico.edu/academic-standards-policies/course-description-symbols-terms/) for an explanation of course description terminology and symbols, the course numbering system, and course credit units.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Typically Offered</th>
<th>Prerequisite</th>
<th>Course Attributes</th>
<th>Grade Basis</th>
<th>Repeatability</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 180</td>
<td>The University Experience</td>
<td>1 Unit</td>
<td>Fall and spring</td>
<td></td>
<td>Lower Division</td>
<td>Credit/No Credit</td>
<td>You may take this course for a maximum of 1 unit</td>
<td>A college success course for agricultural majors new to California State University, Chico. The course will explore the academic and social opportunities and resources available to promote successful completion of the student's educational goals. 1 hour discussion. (000198)</td>
</tr>
<tr>
<td>AGRI 181</td>
<td>Coordinating Group Agricultural Activities</td>
<td>1-2 Units</td>
<td>Fall and spring</td>
<td>ANSC 101 or PSSC 101; CHEM 107 or CHEM 111.</td>
<td>Lower Division</td>
<td>Credit/No Credit</td>
<td>You may take this course for a maximum of 6 units</td>
<td>This course is offered for 1.0 to 2.0 units. An individualized class designed to develop and refine the student's ability to organize and coordinate Agriculture field days and other related group activities. Maximum of four semesters and/or 4 units toward BS degree. 0 hours independent study. (000190)</td>
</tr>
<tr>
<td>AGRI 198</td>
<td>Special Topics</td>
<td>1-3 Units</td>
<td>Fall and spring</td>
<td>Completion of lower-division core or faculty permission.</td>
<td>Upper Division</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>This course is for special topics offered for 1.0-3.0 units. Typically the topic is offered on a one-time-only basis and may vary from semester to semester and be different for different sections. See the Class Schedule for the specific topic being offered. 1 hour seminar. (000202)</td>
</tr>
<tr>
<td>AGRI 298</td>
<td>Agriculture Ambassadors</td>
<td>1 Unit</td>
<td>Fall and spring</td>
<td>Instructor permission</td>
<td>Lower Division</td>
<td>Credit/No Credit</td>
<td>You may take this course for a maximum of 4 units</td>
<td>This course is designed to train, develop, and support students that serve in the Agriculture Ambassador role in the College of Agriculture (COA). In this course students learn about the COA and discover their own leadership and communications styles. Students work in teams to organize events and manage COA outreach. Students learn how to effectively represent the COA to numerous constituents, mostly prospective students. Outside of the class meeting time, they give tours, presentations, and conduct meetings. Students participate in leadership development, team building, information gathering, and service skill development activities. 2 hours activity. (021407)</td>
</tr>
<tr>
<td>AGRI 299</td>
<td>Special Problems</td>
<td>1-3 Units</td>
<td>Fall and spring</td>
<td>Faculty permission.</td>
<td>Lower Division</td>
<td>Graded</td>
<td>You may take this course for a maximum of 6 units</td>
<td>This course is an independent study of a topic or problem and is offered for 1.0-3.0 units. Students must register with a supervising faculty member. A maximum of 6 units of special problems may be applied toward a bachelor's degree in agriculture. 9 hours supervision. (020958)</td>
</tr>
<tr>
<td>AGRI 301</td>
<td>California Agriculture Seminar</td>
<td>3 Units</td>
<td>Spring only</td>
<td>Survey of the production, processing, and distribution of major agricultural commodities. The history, economics, scope, geographical location, general cultural practices, and marketing opportunities of major commodities are discussed. In addition, major issues confronting California agriculture systems are explored. A multiday field trip is required in the course. 3 hours seminar. (021777)</td>
<td>Lower Division</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Survey of the production, processing, and distribution of major agricultural commodities. The history, economics, scope, geographical location, general cultural practices, and marketing opportunities of major commodities are discussed. In addition, major issues confronting California agriculture systems are explored. A multiday field trip is required in the course. 3 hours seminar. (021777)</td>
</tr>
<tr>
<td>AGRI 305</td>
<td>Agricultural Genetics</td>
<td>3 Units</td>
<td>Fall and spring</td>
<td>ANSC 101 or PSSC 101; CHEM 107 or CHEM 111.</td>
<td>Upper Division</td>
<td>Graded</td>
<td>This course is offered for 1.0-3.0 units. Typically the topic is offered on a one-time-only basis and may vary from semester to semester and be different for different sections. See the Class Schedule for the specific topic being offered. 1 hour seminar. (000211)</td>
<td>Mendelian inheritance, gene structure and action, sex-related inheritance, linkage and mapping, aseuploidy, polyploidy, population and quantitative inheritance, inbreeding and heterosis. 3 hours lecture. (000211)</td>
</tr>
<tr>
<td>AGRI 331</td>
<td>Agricultural Ecology</td>
<td>3 Units</td>
<td>Fall and spring</td>
<td>Completion of lower-division core or faculty permission.</td>
<td>Upper Division</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>This interdisciplinary treatment of physical and biological environments used for agriculture. Historical and ecological nature of agriculture and its impact on the landscape and society. Comparison of sustainable and non-sustainable agricultural practices. 3 hours laboratory, 2 hours lecture. (000206)</td>
</tr>
</tbody>
</table>
AGRI 380A Agricultural Leadership 3 Units
Typically Offered: Fall only
An investigation of leadership from an individual perspective. Study of introduction to the principles and practices of positive interpersonal relationships for leadership development in the Agricultural Industry. 3 hours seminar. (000216)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

AGRI 380B Leadership in the Workplace 3 Units
Prerequisite: AGRI 380A or permission of the instructor.
Typically Offered: Spring only
An exploration of real world leadership. Development of leadership and interpersonal skills valued in the Agricultural sector. Topics include job search skills, professional resumes, cover letters, and interviewing as well as the skills needed in the workplace. 3 hours seminar. (000217)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

AGRI 389 Internship in Agriculture 1-12 Units
Prerequisite: Prior approval of academic goals by the Internship Coordinator.
Typically Offered: Spring, summer, fall
This course is an internship offered for 1.0-12.0 units. You must register directly with a supervising faculty member. Work experience with selected agricultural enterprises is supervised by faculty and staff of a cooperating enterprise. 0 hours independent study. (000215)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 15 units
Course Attributes: Upper Division

AGRI 398 Special Topics 1-3 Units
Typically Offered: Inquire at department
This course is for special topics offered for 1.0 - 3.0 units. Typically the topic is offered on a one-time-only basis and may vary from semester to semester and be different for different sections. See the class schedule for the specific topic being offered. 3 hours seminar. (000218)
Grade Basis: Graded
Repeatability: You may take this course more than once
Course Attributes: Upper Division

AGRI 399 Special Problems 1-3 Units
Prerequisite: Upper-division standing, faculty permission.
Typically Offered: Fall and spring
This course is an independent study of a topic or problem and is offered for 1.0-3.0 units. Students must register with a supervising faculty member. Study/research in agriculture under direct supervision of a faculty member. A maximum of 6 units may be applied toward a bachelor's degree in agriculture. 0 hours independent study. (000219)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Upper Division

AGRI 432 Holistic Management 3 Units
Prerequisite: AGRI 331 or faculty permission.
Typically Offered: Spring only
A study of sustainable management practices in the context of agricultural land stewardship. The development of practical skills and understanding paramount to leadership and management of personal and professional activities. The focus is on identifying available resources, clarifying goals, developing action plans, and promoting communication, savvy monitoring, and decision making that expedite progress toward a thriving enterprise and contribute to a sustainable community. Case studies, community activities, and discussion explore the impact of management decisions on progress toward desired goals. 3 hours lecture. (000225)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course

AGRI 482W Agricultural Issues (W) 3 Units W, GW
Prerequisite: GE Written Communication (A2) requirement, senior standing or instructor permission.
Typically Offered: Fall and spring
An examination of major issues confronting agriculture emphasizing critical thinking, research, and balancing complex, and often opposing views of the role of agriculture in society. The course uses group work and presentations to enhance written and oral communication skills. This is the capstone course for AGRI, ANSC, and ABUS majors. 3 hours lecture. (000229)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Writing Course; Graduation Writing Assessment

AGRI 489 Internship in Agriculture 1-3 Units
Typically Offered: Fall and spring
3 hours lecture. (000227)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 15 units
Course Attributes: Upper Division

AGRI 490W Agricultural Experimental Research (W) 4 Units W
Typically Offered: Fall and spring
Students design and execute applied agriculture research projects that seek to improve the management of agricultural enterprises. Students learn the most common experimental designs for agricultural research, utilize computer programs to analyze and interpret experimental data and further develop scientific writing skills. 1 hour discussion, 3 hours lecture. (000223)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 4 units
Course Attributes: Upper Division; Writing Course

AGRI 498 Special Topics 1-3 Units
Typically Offered: Fall and spring
This course is for special topics offered for 1.0-3.0 units. Typically the topic is offered on a one-time-only basis and may vary from term to term and be different for different sections. See the Class Schedule for the specific topic being offered. 3 hours supervision. (000231)
Grade Basis: Graded
Repeatability: You may take this course more than once
Course Attributes: Upper Division
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Typically Offered</th>
<th>Grade Basis</th>
<th>Repeatability</th>
<th>Course Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 499</td>
<td>Special Problems</td>
<td>1-3 Units</td>
<td>Faculty permission</td>
<td>Fall and spring</td>
<td>Credit/No Credit</td>
<td>You may take this course for a maximum of 6 units</td>
<td>Upper Division</td>
</tr>
<tr>
<td>AGRI 499H</td>
<td>Honors Research in Agriculture</td>
<td>6 Units</td>
<td></td>
<td>Fall and spring</td>
<td>Graded</td>
<td>You may take this course for a maximum of 6 units</td>
<td>Upper Division</td>
</tr>
<tr>
<td>AGRI 697</td>
<td>Independent Study</td>
<td>1-4 Units</td>
<td></td>
<td>Fall and spring</td>
<td>Report in Progress: Graded</td>
<td>You may take this course for a maximum of 6 units</td>
<td>Graduate Division</td>
</tr>
</tbody>
</table>