

Program Research & Recommendation New Program Proposal Form

New Program Title:	A.S. Regenerative Agriculture
Initiator:	Jennifer Charles-Tollerup
First Semester Intended to Offer:	Fall 2026

Type of Program

Use AS for any Science, Technology, Engineering, or Mathematics (STEM) field and for all CTE programs. Use AA for all others.

- AA-T/AS-T
- AA/AS (18 units minimum w/o GE)
 - Vocational programs must be approved by NFN*
- CA-Certificate of Achievement (16 units minimum)
 - Vocational programs must be approved by NFN*
 - Non-vocational programs are not eligible for Financial Aid and will not be shown in CCC Apply, CAP tool, or Degree Planner*
- CA-Certificate of Achievement (8 units minimum)
 - Only needed if required on a student's official transcript; All others use Certificate*
 - Vocational programs must be approved by NFN*
 - Non-vocational programs are not eligible for Financial Aid and will not be shown in CCC Apply, CAP tool, or Degree Planner*
- Certificate – Certificate in... (15.5 units maximum)
 - Not chaptered, not FA eligible, will not be shown in CCC Apply or student's official transcript*
 - Non-vocational programs will not show in CAP tool or Degree Planner*
- Noncredit Certificate of Completion (*Leads to job; minimum 2 courses*)
- Noncredit Certificate of Competency (*Bridges to credit coursework; minimum 2 courses*)

Program Codes

TOP Code:	0103.00 Plant Science
CIP Code:	010304
What COI will this program be in?:	Industrial Technologies and Agriculture

Program Description

This program is meant to align with the CSU, Chico major in Regenerative Agriculture as of the 2025-26 articulation agreement published on assist.org. Chico State offers options within their Plant and Soil Science major which are Crops and Horticulture plus Regenerative Agriculture. This degree is transfer only as Butte would need to offer multiple additional courses to make it applicable as a career and technical education degree.

Regenerative Agriculture connects plant biology and soil science to crop production practices such as fertility, irrigation, and pest management in agroecosystems. Courses cover areas of scientific principles, economic marketplaces, societal food systems, and ecological crop production to equip you with the skills to grow healthy crops, steward resources, and apply regenerative practices. Challenges facing agriculture are opportunities for you to dig in, get dirty, and solve problems. Come and explore how regenerative practices create thriving, sustainable communities.

Program Courses

Course No.	Title	Units
AB 22	Agriculture Economics	3
AGS 10	World Food and Hunger	3
AET 30 or AET 34	Tractors and Crawlers or Farm Machinery	3
STAT 1100 or STAT 1100E	Introduction to Statistics or Introduction to Statistics with Supp	4
AGS20	Plant Science	3
AGS50	General Soils	4
AGS 40 or AGS 45	Introduction to Animal Science or Feeds and Feeding	3
CHEM 1 OR 51	General Chemistry I OR Elementary Inorganic Chemistry	5 or 5
Select 6 units	AB 25; EH 38; EH 60; EH 66; AGS99	6-8

How does the program align with the College Mission Statement, District Educational Plan, and Strategic Plan?

This program fits with the Mission Statement of the college by providing a transfer pathway that allows students to earn both an associate's degree and eventually a bachelor's degree. It fits with the Strategic Plan under initiative #1 Enhancing a Culture of Completion and Goal Achievement by allowing students to complete a program at Butte prior to transfer. It specifically fits under objective 1.2 that we will "Ensure students understand their options for educational goals and that the college provides a clear pathway for reaching their chosen goal."

Explain how the program is appropriate to the Community College mission of providing the first two years of a baccalaureate degree?

This program articulates with the first and second year curriculum at Chico State for the Regenerative Agriculture option of the Plant and Soil Science major. The core courses align with all major options of the Chico State Plant and Soil Science degree: Crops and Horticulture plus Regenerative Agriculture.

How does the proposal demonstrate need for the program?

Butte College currently offers the AS-T in Plant Science but this does not transfer to the Chico State Plant and Soil Science degrees as Chico State has deemed the Transfer Model Curriculum not comparable. Chico State's curriculum does not align to the ADT as it contains additional requirements not in the ADT. Students who obtain this ADT prior to transfer may be accruing excess general units and/or insufficient major units to truly transfer to Chico State as a third year. Since Chico State is our students' #1 transfer destination, it is important that we provide pathways such as the Regenerative Agriculture degree that mirror the curriculum required by their programs. Our goal is to facilitate our students' education and transfer to baccalaureate institutions in the most seamless fashion. We can achieve this by offering named degrees such as Regenerative Agriculture that match Chico State degrees to message our current and potential students of the direct pathway from Butte College to Chico State. Additionally, this degree program would require more new courses and equipment procurement to justify its value as a career and technical education degree and as such, is being proposed as a transfer degree.

Annual Completers: How many students do you anticipate completing this program each year?

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What are the impacts on existing programs (enrollment, staffing, section offerings)?

Students are currently enrolling in all the courses in the proposed Regenerative Agriculture program required for the AS and BS as the courses align with all the Plant and Soil Science major options at Chico State. The only exception is the new Principles of Regenerative Agriculture course required for this degree both at Butte and Chico State. This AS degree provides a straightforward curricular path to follow to the Regenerative Agriculture BS at Chico State ensuring students access to all possible undergraduate preparation that we offer towards that goal. We would expect this pathway to attract students from around the state as many of our agriculture programs already do; students already see the direct path from Butte Ag to Chico State Ag. This will be the only Regenerative Agriculture AS in California and therefore we anticipate some increase in enrollment and the need for an additional course section in the Principles of Regenerative Agriculture offered once per academic year. Our current faculty can cover this class as overload.

Enter the number of new faculty positions, both part- and full-time. If existing faculty are sufficient, enter zero (0) Yes, the program courses are currently offered and staffed.

Is there sufficiency of institutional resources to support the long-term vitality of the program?

Yes, the program courses are currently offered and staffed. The new Principles of Regenerative Agriculture class can be taught with current faculty overload.

New Equipment needed (include cost)

Crimper-roller farm implement \$6000

New/Remodeled Facilities (include cost)

None

Library Acquisitions (include cost)

None

Is the program compliant with all applicable laws, regulations, and curriculum standards?

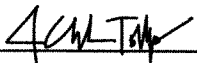
Yes

Will the program be eligible for Financial Aid (CA's with vocational TOP and degrees)?

Yes

Distance Education - Indicate the extent to which the courses associated with the degree are conducted via distance education _____0%, 1-49%, _____50-99%, _____100%

For Career Education Programs: Provide labor market information (LMI) and other employers demand documentation demonstrating that there are jobs and careers available for program graduates

Signature: 

Date: 8 Sep 2025

Contact Information: charles-tollerupje@butte.edu

Return Form to Scheduling Center for processing: Centersh@butte.edu