APR Instructional Forestry 2022-23 Latest Version

Annual program review for Forestry, reviewing the 2022-23 Academic Year

APR Instructional

Annual Course Student Learning Outcome Data : Version by **Deeds, Brad** on **01/29/2024 19:06**

CSLOs	Expected/Benchmark Performance	Actual Performance (Aggregate of All Terms)
FOR110 - Introduction to Forestry		
1. Communicate scientific principles and processes effectively. (Active from Fall 2022)	70.00%	96.67%
2. Apply scientific principles and critical thinking skills to identify issues, understand relationships, and solve problems. (Active from Fall 2022)	70.00%	100.00%
3. Evaluate course concepts and the role of science in local and global contexts. (Active from Fall 2022)	70.00%	100.00%
FOR111 - Forest Resources and Society		
1. Evaluate social, cultural, economic, and environmental issues in local and global contexts. (Active from Summer 2022)	70.00%	100.00%
2. Demonstrate and communicate awareness of the complex interconnectivity between course concepts. (Active from Summer 2022)	70.00%	100.00%
3. Apply course concepts and critical thinking skills to identify issues, understand relationships, and solve problems. (Active from Summer 2022)	70.00%	100.00%
FOR112 - Current Issues in Forestry and Natural Resources		
1. Evaluate social, cultural, economic, and environmental issues in local and global contexts. (Active from Summer 2022)	70.00%	100.00%
2. Demonstrate and communicate awareness of the complex interconnectivity between course concepts. (Active from Summer 2022)	70.00%	100.00%
3. Apply course concepts and critical thinking skills to identify issues, understand relationships, and solve problems. (Active from Summer 2022)	70.00%	100.00%
FOR110L - Introduction to Forestry (Lab)		
1. Apply scientific principles and critical thinking skills to identify issues, understand relationships, and solve problems. (Active from Fall 2022)	70.00%	100.00%

APR Questions Tableau : Version by **Deeds, Brad** on **01/31/2024 23:01**

Using the Data Provided (https://10az.online.tableau.com/#/site/ltcc/views/ProgramReview/LTCCProgramReviewSummary?:iid=1) please provide the number of students (headcount) that are served by the discipline.
178

Using the Data Provided (https://10az.online.tableau.com/#/site/ltcc/views/ProgramReview/Demographics?:iid=1), identify the populations served by the discipline. Are there any inconsistencies? Does the Population served reflect the population of the college? If not, why, and how can the discipline serve a population more reflective of our community?
The Forestry program is achieving the goals of the grant and program by serving 46% Hispanic/Latinx and 32% female students, helping to diversify the industry.

Using student success data (https://10az.online.tableau.com/#/site/ltcc/views/ProgramReview/SuccessRatesOverall?:iid=1), identify any trends in successful completion of courses.

Are there particular courses (https://10az.online.tableau.com/#/site/ltcc/views/ProgramReview/SuccessRatesbyCourse?:iid=1) students are struggling in?

Are there any demographics that are less likely to complete certain courses in the discipline?

What steps need to be taken to support students and the department in meeting its equity obligations?

The department is currently exceeding its equity obligations and goals by partnering with the California Conservation Corps and serving a diverse cohort of students. However, work remains to ensure future cohorts maintain similar demographics and outcomes data.

Are there any courses lacking Title V Updates?

If so, how many and why?

(Please check your courses in eLumen for the most recent list of courses that require updates.)

No, all courses are newly created and in compliance.

Describe the approach to scheduling in terms of offering a balance of Face to Face (F2F) and Online opportunities for students.

Scheduling is done in partnership with industry partners to ensure a balance of f2f and hybrid courses. For example, the winter quarter course is hybrid (one day a week) as per input from the CCC after a heavy snow winter last year and recognizing potential commuting challenges.

Are there any insights specific to this discipline regarding scheduling modality in terms of success rates, student retention, or course cancellations?

It is the second year of programming in FOR but thus far student success rates are fairly consistent regardless of modality.

Are the full-time faculty teaching the courses with the most face to face students? Why/why not?

There are no full time faculty in Forestry.

Are staffing levels adequate to fulfill the purpose of the program?

Staffing levels are adequate to cover the current f2f and hybrid options in Forestry, however, the College is actively recruiting for more adjunct faculty to expand the program to RSP locations.

What professional development opportunities have faculty in this discipline taken advantage of? Are there any unmet professional development needs?

The current FOR adjunct faculty is enrolled in the Cultural Fluency Teaching program and instructors are invited to various Forestry conferences and meetings.

Where applicable, outline and explain any budget shortfalls for this discipline.

Currently the Forestry program is adequately funded from various grants and state funding sources. The department is currently seeking additional funds in support of the construction of the Tahoe Basin Public Safety Training Center.

If additional financial resources are needed, please describe how they will increase student success, retention, or completion.

With a Tahoe Basin Public Safety Training Center, Forestry students will be able to conduct labs onsite and deepen their content knowledge without having to travel 45 - 90 minutes to access training locations as is currently required.

Using the SLO Data above, are there any SLOs for any particular courses that students are not successfully understanding? How do you plan to address this?

Currently the SLOs appear to be correctly aligned to instruction and students appear to be performing at the expected level.

What are the major strengths of your department?

Industry partnerships, faculty that are currently employed in the field, diverse student groups, access to real-world experience and training, career pathways, and significant resources and funding.

In what ways could your department improve to better meet the needs of the College and support student success?

The department could offer more face to face local field work opportunities and continue to recruit diverse industry professionals to act as instructors and expand sections to RSP to help current and formerly-justice-involved individuals to access career pathways in the Forestry field. Also potentially consider a Forestry-related Bachelor's degree in the future.

What are the biggest challenges your department may face in making these improvements?

Lack of facilities and instructor availability/capacity

Identify any other questions, comments, suggestions, or concerns you may have.

No Value

Dean Review : Version by **Deeds, Brad** on **01/31/2024 23:01**

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