

### Foothill Annual Program Review 2023

Annual Program Review Template 2023

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1. Number of full-time faculty in the program.

2

2. Number of part-time faculty in the program.

3

3. Number of staff in the program.

0

4. Do the above numbers reflect any staffing changes?

In the 2019-20 Comprehensive Program Review the Geography Department identified three areas for improvement: (1) Work with ETS and the Garden to provide on-campus computer access; (2) Increase certificates and degrees awarded by collaborating with counseling to remove barriers to students applying for earned awards; and (3) Build in projects and curriculum to emphasize GIS as a tool of social justice and highlight diverse GIST professionals.

In the time since the last Comprehensive Program Review the college has undergone a tectonic shift in course offering modalities and resources due to the Covid 19 pandemic. The GIST program has increased enrollment by 15% from 2018-19 with a 0% increase in the number of sections offered. In addition, GIST has increased WSCH by 32% and productivity by 7%. There has been a slight increase in success to 75%.

5. Refer to the most recent Comprehensive Program Review, what were the identified actions for improvement? Identify any current and/or new Strategic Goals.

The actions for improvement identified in the most recent Annual Program Review include: (1) Work with ETS and the Garden to provide on-campus computer access; (2) Increase certificates and degrees awarded by collaborating with counseling to remove barriers to students applying for earned awards; and (3) Build in projects and curriculum to emphasize GIS as a tool of social justice and highlight diverse GIST professionals. In addition, in the Annual Program Review the Dean's summary noted that the program is working to close the success gaps between introductory level and higher level classes.

6. What actions identified in the Comprehensive Program Review (or most recent Annual Program Review if no Comprehensive Program Review) have you completed this year?

The GIST department continues to collaborate with ETS and the Garden, and in 2022-23 successfully installed computer workstations for GIS students in the Garden and the Library. The program also secured CTE funds for the purchase of five high end laptop computers to check out to students who do not have robust enough internet access to run the VM virtual computers from their homes. The lending program began in spring 2023 and thus far we have served seven students with these computers across two quarters.

The department has reached out to Counseling to determine best pathways to remove barriers to students applying for and receiving degrees and certificate where they have completed course work but have not successfully navigated the counseling application process. The department held several meetings with Counseling and learned more about the certificate application process and how to better support and inform students about how to work with counseling and admissions and records to transfer in prior coursework and make the necessary appointments to complete the application process. As of the writing of this program review the most recent data on degrees and certificates awarded for this program was for 2021-22, so we are unable to determine whether the additional support and guidance has achieved desired results.

The third goal for the department is to build in projects and curriculum to emphasize GIS as a tool of social justice and to highlight diverse GIST professionals. The program faculty continue to build in class projects that have students engage with hands on data and learn about case studies where GIS is used as tool for equity and social justice. Of note the GIST program as a whole has high success rates (73% success for BIPOC students, 75% success overall).

Finally, in the 2021-2022 annual program review the Dean's summary noted that the program is engaging in curriculum revisions to address success gaps in the introductory level courses. The program is pleased to note significant increases in success rates (56% success in GIST 11, 80% success in GIST 12). The program will continue to work to improve success rates and student support across all classes in the program.

7. Explain your implementation timeline and if there have been any changes or updates.

There have been no significant changes

8. Explain the evidence the program used to evaluate progress and provide an update on progress.

The GIST program used Program Review data and Disproportionate Impact data provided by college Institutional Research to evaluate progress toward our goals. Department faculty continue to work closely with the campus tutorial centers and outreach groups to provide timely, targeted support to students. We have worked to train tutors to help our students. They provide a full tutoring schedule that includes in-person and online tutoring plus tutoring after hours.

9. Click the link and follow the instructions to the Disproportionate Impact dataset, then respond to the prompt below.

[https://foothilldeanza-my.sharepoint.com/:b:/g/personal/20078222\\_fhda\\_edu/EctjgGNEurtMlb1n6ZQ5k3kBNTEjiE9G\\_kGSHMhfM1tsrA?e=yDcC7c](https://foothilldeanza-my.sharepoint.com/:b:/g/personal/20078222_fhda_edu/EctjgGNEurtMlb1n6ZQ5k3kBNTEjiE9G_kGSHMhfM1tsrA?e=yDcC7c)

Identify the groups that are experiencing a disproportionate impact in the most recent year (highlighted in orange). In the text box below, provide the percentage point gap and the number of additional successes needed to erase the percentage point gap for each group.

The Institutional Research data for 2022-23 on disproportionate impact by student group shows that there is not a statistically significant disproportionate impact on any group.

10. Use this opportunity to reflect on your responses in this document. Include your closing thoughts.

Thank you for the opportunity to reflect on the GIST program.

# Rubric Annual Program Review

## Criteria

The program's responses...

- align with the program's goals
- align with data
- are informed by data
- are within the control of the program
- have measurable outcomes

Meets Expectations

Needs Improvement

## Feedback

The department is making progress on its goals from its Comprehensive Program Review and should be commended on its disproportionate impact numbers.

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This form is completed and ready for acceptance.