

**Foothill College**  
**Credit Program Narrative**  
**Certificate of Achievement in Bio-Health Diversity & Inclusion Leadership**

**Item 1. Program Goals and Objectives**

*“The first question I always ask is, ‘What do you know about racial health disparities and how do you hope to address them as a physician?’ That question, perhaps more than any other, often determines who gets accepted.” --Medical School Admissions Interviewer*

The quote above from a recent conversation with someone that conducts interviews for medical school applicants demonstrates the increasing importance of experiences in equity and inclusion for Foothill’s biology and healthcare students. Medical schools, hospitals, and biological research entities, among others, specifically seek out candidates with an understanding of how issues of diversity impact their work. These organizations and employers understand that attending to diversity is critical for patient health and positive research outcomes.

However, very few opportunities exist for students to gain formal experience in diversity, equity, and inclusion within the specific contexts of their biology and healthcare fields. Foothill is unique in offering multiple service learning opportunities focused on those topics. This program will formalize the pathway for biology and health science majors to gain certification in diversity/inclusion in their fields, which make our alumni more competitive for transfer and employment.

Program Learning Outcomes:

- Students will be able to...
  - Articulate the importance of college and community service in the contexts of their biology and health fields
  - Articulate the importance of diversity and representation in the realms of biology and healthcare
  - Demonstrate inclusive practices in biology and healthcare

**Item 2. Catalog Description**

Medical schools, healthcare employers, and biological research organizations specifically seek out candidates with an understanding of how issues of diversity impact their work. These organizations and employers understand that attending to diversity is critical for patient health and for excellence in research. This program provides a pathway for biology and health science students to gain certification in diversity, equity, inclusion, and service in their fields, such that students are more competitive for transfer and job applications. In earning this certificate, students will complete their major biology courses for their field alongside at least one service learning course focusing on service in bio/health fields.

**Item 3. Program Requirements**

<b>Requirements</b>	<b>Course #</b>	<b>Title</b>	<b>Units</b>	<b>Sequence</b>
Core Courses (17-22 units)	BIOL 1A	Principles of Cell Biology	6	Y1 Fall
	BIOL 1B	Form & Function in Plants & Animals	6	Y1 Winter
	BIOL 1C	Evolution, Systematics & Ecology	6	Y1 Spring
	<i>OR</i>			
	BIOL 40A	Human Anatomy & Physiology I	5	Y1 Fall
	BIOL 40B	Human Anatomy & Physiology II	5	Y1 Winter
	BIOL 40C	Human Anatomy & Physiology III	5	Y1 Spring
<i>AND</i>				
	BIOL 81	Learners Engaged in Advocating for Diversity in Science	4	Y1 Winter
	<i>OR</i>			
	AHS 55	Community Health Promotion	2	Y1 Summer
Restricted Electives (0 units)	NA	NA	NA	NA

**TOTAL UNITS: 17-22 units**

**Proposed Sequence:**

Year 1, Fall = 5-6 units

Year 1, Winter = 9-10 units

Year 1, Spring = 5-6 units

**TOTAL UNITS: 19-22 units**

**Alternate Proposed Sequence:**

Year 1, Fall = 5-6 units

Year 1, Winter = 5-6 units

Year 1, Spring = 5-6 units

Year 2, Summer = 2 units

**TOTAL UNITS: 17-20 units**

**Item 4. Master Planning**

This certificate aligns closely with Foothill’s mission to work toward equity and to support “students to achieve their goals as members of the workforce, as future students, and as global citizens.” It similarly aligns with the equity and service learning-focused components of Foothill’s educational master plan.

### **Item 5. Enrollment and Completer Projections**

We estimate 15-20 certificates per year. Bio 81 and AHS 55 are the limiting factors that will determine the total number of anticipated certificates per year. BIOL 81 is a new class with an enrollment cap of 32. AHS 55 is currently associated with participation in an international medical/dental brigade, which limits class size to 25. There is more than enough enrollment in the BIOL 1 and BIOL 40 series to safely anticipate BIOL 81 and/or AHS 55 will run each year. Given this assumption, and assuming most students taking BIOL 81 or AHS 55 would want to receive this certificate, we estimate 15-20 certificates per year.

		2018-2019		2017-2018	
Course #	Course Title	Annual Sections	Annual Enrollment	Annual Sections	Annual Enrollment
BIOL 1A	Principles of Cell Biology	8	193	9	238
BIOL 1B	Form & Function in Plants & Animals	5	156	6	160
BIOL 1C	Evolution, Systematics & Ecology	4	106	5	135
BIOL 40A	Human Anatomy & Physiology I	21	587	22	653
BIOL 40B	Human Anatomy & Physiology II	15	438	20	550
BIOL 40C	Human Anatomy & Physiology III	14	413	19	494
BIOL 81	Learners Engaged in Advocating for Diversity in Science	NA	New Course (caps at 32)	NA	New Course (caps at 32)
AHS 55	Community Health Promotion	1	15	1	20

### **Item 6. Place of Program in Curriculum/Similar Programs**

No programs exist at Foothill that are similar to this new certificate. However, this certificate nicely complements existing tracks for allied health, nursing, and biology major students.

### **Item 7. Similar Programs at Other Colleges in Service Area**

To our knowledge, no other colleges are offering a certificate of this sort. Given the value of this experience for transfer and job applications, we anticipate students will be attracted to Foothill for this unique opportunity.

### **Additional Information Required for State Submission:**

**TOP Code:** 4902.00

**Annual Completers:** 15-20 based on enrollment projections for BIOL 81 and/or AHS 55

**Faculty Workload:** 0.6-0.8

**New Faculty Positions:** Zero

**New Equipment:** Zero

**New/Remodeled Facilities:** Zero

**Library Acquisitions:** Zero

**Gainful Employment:** No

**Program Review Date:** 2022-2023

**Distance Education:** 1-49%

*Please note that significant lead time (one month or longer) may be necessary to obtain the following document(s). Please work with the AVP of Instruction during the beginning stages of program creation to submit your request(s) for the following:*

**ATTACH AT LEAST ONE PIECE OF ADDITIONAL DOCUMENTATION, FOR EXAMPLE:**

**ASSIST documentation** verifying that a majority (51% or greater) of required courses in the program are articulated for the major (AAM) at the single baccalaureate institutions to which the program's students are likely to transfer

*We are attaching ASSIST documentation*