

FOOTHILL COLLEGE

Institutional Research and Planning

DATE: January 17, 2017
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RE: 2015-16 General Studies: Science Degree Recipients

Update

This report is an update to the original report, dated January 10, 2017, which was shared at the January 11, 2017 General Science Program Review Meeting. After meeting with program stakeholders, Institutional Research & Planning Office (IR&P) was asked to examine whether any of the 2015-16 General Science graduates enrolled in a Foothill Allied Health and/or De Anza nursing course during the 2016 term. The findings are found in section 4 of this report. All other sections remain unchanged.

Overview

The purpose of this report is to help facilitate program review discussion by providing initial findings of the 24 students who earned a General Science degree in 2016. In particular, the following three questions were provided to IR&P:

1. Of the students who received the General Science degree from Foothill during 2015-16, which courses did they use when applying for the degree?
2. Of the students who received the General Science degree during 2015-16, how many also received another degree or certificate during 2015-16? What were those other degrees or certificates in?
3. Of the students enrolled in any fall 2016 course at Foothill, how many have declared General Science as their major?

I. Ethnicity and Gender

- x Latino/a and White students comprised the majority of the 2016 General Science degree recipients. Degree recipients were more likely to be female (71%) than male (29%).

29% (7) Latino/a

29% (7) White

21% (5) Asian

8% (2) Filipino

8% (2) Other¹

4% (1) African American

¹ Other includes Pacific Islander and decline to state.

II. Courses Used When Applying for Degree

III. Additional Degree/Certificate Earned

- x Of the 24 General Science degree recipients, 8 obtained the degree and/or certificate in 2015-16. Most of the additional awards were for an AA (4) or AS (3) degree.

Table 3: Additional Degree and Certificate Obtained by 2015-16 General Science Degree Recipients

Degree and Program	Headcount
Associate in Arts	
1COS Communication Studies	1
1GSS General Studies: Social Science	1
Subtotal	2
Associate in Arts-Transfer	
1CMT Comm Studies for Transfer	2
1PYT Psychology for Transfer	2
Subtotal	4
Associate in Science	
1BIO Biological Sciences	2
1CHE Chemistry	1
Subtotal	3
Certificate of Achievement 45-89 Qtr	
1IDC CSU General Education-Breadth	2
Subtotal	2
Total	11

IV. Enrolled in a Fall 2016 Course

- x Five of the 24 General Science degree recipients enrolled in a course at Foothill and/or De Anza during fall 2016 term. Based on enrollment, it appears that 2 students are in the Respiratory Therapy program.

Table 4: 2015-16 General Science Degree Recipients Enrolled in a Fall 2016 Course

	Enrollment
Foothill College	
AHS F050A	2
BIOL F012.	1
MATH F010.	1
NCBS F405.	1
NCLA F406A	1
NCLA F406B	1
PSYC F040.	1
RSPT F050A	2
RSPT F051A	2
RSPT F052.	2
RSPT F054.	2
RSPT F055A	2
Subtotal	18
De Anza College	
BIOL D026.	1
Subtotal	1
Total	19

V. Declared General Studies: Science Major

- x Of the students who enrolled during fall 2016 at Foothill, 243 have declared General Studies: Science as their major.

BIOL 41* Microbiology (6 units)
BIOL 45 Introduction to Human Nutrition (4 units)
Course includes a laboratory component.

_____ (5 units)

CHEM 1A General Chemistry (5 units)
CHEM 1B General Chemistry (5 units)
CHEM 1C General Chemistry & Qualitative Analysis (5 units)
CHEM 9 Chemistry of Cooking (5 units)
CHEM 12A Organic Chemistry (6 units)
CHEM 12B Organic Chemistry (6 units)
CHEM 12C Organic Chemistry (6 units)
CHEM 20 I Matter: Introduction to Green Technology & the Environment (5 units)
CHEM 25 Fundamentals of Chemistry (5 units)
CHEM 30A Survey of Inorganic & Organic Chemistry (5 units)
CHEM 30B Survey of Organic & Biochemistry (5 units)

_____ (5 units)

ASTR 10A General Astronomy: Solar System (5 units)
ASTR 10B General Astronomy: Star, Galaxies, Cosmology (5 units)
ASTR 10BH Honors General Astronomy: Stars, Galaxies, Cosmology (5 units)
ASTR 10L Astronomy Laboratory (1 unit)
ASTR 54H Honors Institute Seminar in Astronomy (1 unit)
ASTR 77 Seminar on Exciting Topics in Astronomy (1 unit)
C S 1A Object-Oriented Programming Methodologies in Java (5 units)
C S 1AH Honors Object-Oriented Programming Methodologies in Java (5 units)
C S 1B Intermediate Software Design in Java (5 units)
C S 1C Advanced Data Structures & Algorithms in Java (5 units)
C S 2A Object-Oriented Programming Methodologies in C++ (5 units)
C S 2AH Honors Object-Oriented Programming Methodologies in C++ (5 units)
C S 2B Intermediate Software Design in C++ (5 units)
C S 2C Advanced Data Structures & Algorithms in C++ (5 units)
C S 3A Object-Oriented Programming Methodologies in Python (5 units)
C S 10 Computer Architecture & Organization (5 units)
C S 21B Intermediate Python Programming (5 units)
C S 49 Foundations of Computer Programming (2.5 units)
C S 85A Ruby & Functional Programming (5 units)
ENGR 6 Engineering Graphics (4 units)
ENGR 10 Introduction to Engineering (5 units)
ENGR 11 Programming & Problem Solving in MATLAB (5 units)
ENGR 25 Introduction to Fresh Water (5 units)
ENGR 28 Introduction to Bioengineering (4 units)
BIOL 28 Introduction to Bioengineering (4 units)

