



CERTIFICATE APPROVED PROGRAM

Submission Process Notes:

1. CAP forms are due by December 15 for Fall or June 15 for Spring or August 15 for summer award of certificate. Late submission will cause a delay of award of certificate or you may be considered for the next term.
2. Paper certificate will be mailed to your mailing address on record. For instructions to update your mailing address, please visit <https://cms.sfsu.edu/content/student-center>
3. Pay for the CAP form fee (\$7.00) through the Gateway- Student Center. Instructions to pay online can be found here: <https://grad.sfsu.edu/content/pay-graduate-fees-online>

Date: _____ Student ID No. _____

Name: _____
Last First Middle

Email Address: _____

Phone Number: _____

Official Certificate Title from <i>Bulletin</i>: Data Science for Biology and Chemistry
Department offering certificate: Biology
Graduate <input type="checkbox"/>

All requirements must be completed within 7 years from the start of the term of the earliest course listed below

Dept. and Course No	Course Title	Units Required	Units Completed	Term Registered	Institution (if transfer)	Grade
Core Courses: (9 units)						
BIOL 806	Exploratory Data Science for Scientists	4	4			
BIOL 807	Coding Community for Data Science	1	1			
BIOL 808	Professional Prospects for Quantitative Biologists	1	1			
BIOL 897 Or CHEM 897	Research	3	3			
Elective: (3-4 units)						
Total for entire program		12-13				

TOTAL UNITS REQUIRED FOR CERTIFICATE: _____

The student has demonstrated, in accordance with university policy, an appropriate level of writing competency in the following manner (required):

- Written examination prepared by program area
 Other, specify: _____

Other requirements (specify): _____

Admin Analyst: Giovanna Tuccori

Certificate Advisor (if appropriate): _____
Type/Print Last Name Signature Date

Program/Department Chair (required): Diana S Chu
Type/Print Last Name Signature Date

Division of Graduate Studies:

 Signature Date

**Please attach a proof
For payment of fee**