

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Date: \_\_\_\_\_

Advisor Contact: \_\_\_\_\_

**Major Requirements: 39-45 units**

**A grade of "C" or better is required in the following courses**

<b>CERTIFICATE OF ACHIEVEMENT (F.6320.CA)</b>	<b>C-ID</b>	<b>Units</b>	<b>Completed</b>	<b>In Progress</b>	<b>Planned</b>
CHEM 1A, General Chemistry		5			
CHEM 1B, General Chemistry and Qualitative Analysis		5			
CHEM 8A, Elementary Organic Chemistry <b>OR</b>		3			
CHEM 28A, Organic Chemistry I		2			
CHEM 18L, Elementary Organic Chemistry Lab		2			
CHEM 100I, Chemical Laboratory Internship		2-6			
CHEM 20, Practical Quantitative Analysis		5			
ENGL 1A, Reading and Composition		4			
MATH 11, Elementary Statistics		4			
<b>Electives: Select a minimum of 3 courses</b>					
BA 5, Workplace Communication <b>OR</b>		3			
BA 33, Human Relations in the Workplace		3			
BA 18, Business and the legal Environment		4			
BIOL 6, Principles of Botany		5			
BIOL 7, Field Biology <b>OR</b>		5			
BIOL 46, Elementary Horticulture		3.5			
BT 6, Records Management		3			
BT 23, Job Search and Workplace Skills		3			
COMM 1, Introduction to Public Speaking <b>OR</b>		3			
COMM 8, Group Communication <b>OR</b>		3			
COMM 12, Fundamentals of Oral Interpretation		3			
COMM 2, Interpersonal Communication		3			
CRIM 3, Legal Aspects of Evidence		3			
GEOL 4, Geology of California		3			

**Notes:**

1. Chemistry is often called the "central science" since it draws from mathematics and physics and forms a necessary background for quality control programs in industry and agriculture, and criminal evidence analysis in forensics.

2. The *Certificate of Achievement* in Chemistry requires completion of a minimum of 39 required semester units of program required classes.
3. Students must maintain a minimum 2.0 GPA, including grades of B or higher in General Chemistry and a C or higher in the other courses taken to fulfill the certificate. **This is not a transfer degree program.**