

## Qualifying Examinations for Chemistry 2A and 2AH

All students who wish to enroll in Chemistry 2A or 2AH must pass both the Chemistry Diagnostic Test and the Precalculus Qualifying Examination with satisfactory scores. Both exams are administered during Summer Advising, and during orientation week and/or the first week of instruction of any quarter that Chemistry 2A is offered. Students are allowed to take each exam twice in any given quarter, with Summer Advising counting towards the Fall quarter. Students who have not passed satisfactorily both exams will be administratively dropped from Chemistry 2A or 2AH if they are enrolled.

The required minimum scores on these tests for enrollment in Chemistry 2A and 2AH are:

	<u>CHE 2A</u>	<u>CHE 2AH</u>
Chemistry Test	21	30
Precalculus Exam	25	35

The scores for the Precalculus Exam for Chemistry 2A and 2AH are the required scores for enrollment in Mathematics 12 and 21A, respectively. Chemistry 2A does not have any math prerequisite other than the required score on the Precalculus Exam. Chemistry 2AH requires Mathematics 21A as a prerequisite which may be taken concurrently. Students who qualify and plan to major in a science or engineering are encouraged to enroll in Chemistry 2AH.

Students who have scored 5 on the College Board Advanced Placement (AP) Exam in Chemistry as recorded in their application file are not required to take the Chemistry Diagnostic Test. Students who have scored (i) 4 or 5 on the AP Mathematics AB exam or (ii) 3,4, or 5 on the AP Mathematics BC exam or (iii) 700 or above on the SAT Math as recorded in their application file are not required to take the Precalculus Qualifying Exam.

If your score on the Chemistry Test is less than 21, and you wish to take Chemistry 2A, there are several ways that you can increase your knowledge in order to score higher and pass the test. The recommended approach involves review and self-study, focusing on those areas that were identified on your test results sheet as presenting the most difficulty to you. A review and study of notes, exams and other materials from your high school chemistry course should suffice. You can also examine the appropriate chapters of the text currently used for Chemistry 2A. You also may improve your chemistry knowledge by enrolling in Sacramento City College Chemistry 110, which is given at UCD during the Fall Quarter as WLD 41C. This course carries no UCD graduation credit but it does carry 3 units of workload credit. Students with an A, B, C, or P in WLD 41C do not need to take the Chemistry Diagnostic Test, but do still need to pass the Precalculus Qualifying Exam. Passing workload math does NOT qualify a student for 2A, and you must still take the Precalculus Exam.

If you passed only the Chemistry Test or the Precalculus Exam, but not both, after taking the exam(s) two times during the quarter and feel that there are strong extenuating circumstances why you should be allowed to take Chemistry 2A, you may petition to have the requirement of a passing score on one of these tests waived. In addition, if you have satisfied the requirement of the Chemistry Test and/or the Precalculus Exam through the alternative means detailed in the previous two paragraphs, you need to fill out the petition in order to communicate that information to the Chemistry Department. The attached form should be completed and returned to the Chemistry Academic Office in Room 108 Chemistry. You will be notified of the result of your petition by electronic mail or phone as soon as possible, normally within one week.

## Petition to Enroll in Chemistry 2A

Name: _____	Student ID: _____
E-mail: _____	Phone: _____
Year (circle): FR SO JR SR GR	
Currently enrolled in Chem 2A (Yes/No): _____	Instructor: _____

Diagnostic Scores (two highest scores for each exam):

1. Chemistry Test _____	Precalculus Exam _____
2. Chemistry Test _____	Precalculus Exam _____

College Courses (if any) in Physical Science and Math, Grades, Calendar Year Taken:

Circumstances to Justify Exception:

**Complete fully and return to Room 108 Chemistry.**