

Qualifying Diagnostic Examinations for Chemistry 2A and 2AH

Exams are administered through the Student Academic Success Center. Show up with the required testing materials according to the scheduled time and location. **YOU DO NOT NEED TO SIGN UP FOR THE EXAM.** For times and locations please see: <http://lsc.ucdavis.edu/placement.html>

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

Students who have not taken the Chemistry Diagnostic exam will also be dropped from Workload Chemistry 41C if they are enrolled.

STUDENTS DO NOT HAVE TO RETAKE THE EXAM IF THEY HAVE PASSED IT IN A PREVIOUS QUARTER.

The required minimum scores for enrollment in Chemistry 2A, 2AH, and Workload Chemistry 41C:

	<u>CHE 2A</u>	<u>CHE 2AH</u>	<u>WLD 41C</u>
Chemistry Diagnostic:	21	30	20 or less
Pre-Calculus Exam:	25	35 w/ Trig score of 3	not applicable

The required scores for the Pre-Calculus Exam to enroll in Chemistry 2A are the required scores for enrollment in Mathematics 12 and 21A, respectively. Chemistry 2A does not have a math prerequisite other than the required score on the Pre-Calculus Exam. Chemistry 2AH requires Mathematics 21A as a prerequisite and may be taken concurrently. Students who plan to major in science or engineering are strongly encouraged to enroll in Chemistry 2AH. (The typical class size of CHE 2AH is 1/10th that of CHE 2A.)

Exclusions

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. 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 Pre-Calculus Qualifying Exam as required for the Chemistry Diagnostic only. If these or certain other situations apply to you (see the table on the following page), please send an email to the Chemistry Department at chem2A@chem.ucdavis.edu so we can confirm that you are exempt from the exam(s).

If you do not pass the Chemistry Diagnostic Exam or the Pre-Calculus Exam

If your score is below 21 on the Chemistry Diagnostic Test you must retake the exam until you pass it or enroll Workload Chemistry 41C and pass this course with a 'P' or 'C' or better. WLD 41C is only offered in the Fall quarter. It would also be a good idea to review notes, exams, and other materials from a high school chemistry course, focusing on those areas that were identified on your test result as being most challenging for you. You still must pass the Pre-Calculus Exam. Passing a workload math course does NOT replace passing the Pre-Calculus Exam for the purposes of enrolling in Chem 2A.

Bottom line: If you have NOT passed either the Chem Diagnostic or the Pre-Calc exam, you will not be allowed in Chem 2A. You must pass either the Chem Diagnostic or Workload Chem 41C, and pass the Pre-Calculus Qualifying Exam.

If you have not taken the Chemistry Diagnostic and have not scored below 21, you will not be allowed to take Workload Chemistry 41C. You will be dropped from the course if you are enrolled and have not taken the Diagnostic Exam.

Reasons For Email

chem2A@chem.ucdavis.edu

ONLY One Email Per Person

<u>Chem Diagnostic Test</u>	<u>Math Pre-calculus Exam</u>
You have taken Workload Chem (WLD 41C) and passed (C or better, or P).	You have taken and passed MAT 012 with a grade of C- or better.
You have taken the AP Chemistry Examination and passed with a 5.	You have taken and passed Calculus at any accredited college or university.
You have taken the IB (International Baccalaureate) Chemistry Exam and scored 5, 6, or 7.	Your SAT Math score is over 700, or you have taken the IB Math Exam and scored 5, 6, or 7.
You have taken a General Chemistry class at another college and you want to take it again to refresh your abilities.	You have taken the AP Mathematics BC Examination and passed with a 3,4, or 5 (4 or 5 on the AP Math AB Exam).

Do Not Email

<u>Chem Diagnostic Test</u>	<u>Math Pre-calculus Exam</u>
If you do not pass the exam.	If you do not pass the exam.
If you would like an exception because you were just a point or so off.	If you would like an exception because you were just a point or so off.

All emails that are about anything other than what is on the “Reasons for Email” table will go unanswered regarding Chemistry 2A and 2AH.