



CHEE ADVANCED STANDING TUTORIAL & FAQ

Requirements for Advanced Standing 2023-2024

Advanced standing allows College of Engineering students to take 300- and 400 level engineering classes. Without advanced standing, students can only take freshman and sophomore level College of Engineering classes. Students must meet with their CHEE Advisor to complete the application.

Requirements for Advanced standing:

- Must be a declared CHEE major
- Complete most (see deficiencies below) of the freshman and sophomore CHEE curricula
- Advanced Standing GPA of 2.3
- Major GPA of 2.0 (all sophomore level CHEE Courses)

What is Advanced Standing and How Do I Apply?

Use the video links below to learn how to understand the process and complete the application

- Advanced Standing: [What is Advanced Standing and How Do I Get It](#)
- Advanced Standing: [What is the Advanced Standing Application Process Like](#)
- Advanced Standing: [How to Access Your Advisement Report](#)
- Advanced Standing: [How Do I Fill Out the Advanced Standing Application](#)

Simple Steps to Follow to Complete Application

- Download an **Academic Advisement Report**: [Tutorial](#)
- Choose **Application**: [Chemical Advanced Standing Application](#) or [Environmental Advanced Standing Application](#)
- Complete **the following sections** of the application
 - [Student Information](#) and [Student Academic Information](#)
 - [AS Effective Term](#) and [Date Submitted](#)
 - [Deficiency Section](#): List Deficiencies along with when and where you plan to take them
 - [ENGR 102 Substitution](#): Have you taken ENGR 102? If not, you will complete a substitution course before you graduate.
 - [General Education Remaining](#): List all the Gen Eds that you have remaining to take
 - [Mid-Career Writing Assessment](#): Must score a B or higher in ENGL 102, ENGL 108, or ENGL 109H
 - [Catalog](#): What catalog year are you on? Look at the top of your AAR. The semester listed indicates your catalog. Example: Fall 2021 or Spring 2022 = 21-22 Catalog
 - Complete the following columns for courses taken at University of Arizona
 - [Semester](#) (when course was taken) and [UA Grade](#) and [Units](#) (how many units?)
 - **Complete the following columns for transfer courses**
 - [Semester](#): when the course *transferred* to UA, NOT the semester you took the course
 - [Transfer Column](#): Transfer Course - input T (transfer) and A (letter grade) and AP Courses - input a T

UNIVERSITY OF ARIZONA
CHEMICAL AND ENVIRONMENTAL ENGINEERING

- **Look for your AS GPA:** auto populates at the bottom and top of the form

Email your application to the CHEE advisor email and **set up an appointment** before Priority Date set by the college. Remember, you will not be able to enroll in 300 level engineering courses until you have been awarded advanced standing by the college. Please plan ahead, complete this important process early!

Types of GPA

The **cumulative GPA** is your overall GPA at the University of Arizona and includes all classes taken – gen-eds, CHEE courses, non-CHEE courses, electives, etc. The **advanced standing GPA** includes freshman and sophomore (lower division) CHEE curricula (math, science, engineering, and English). The **major GPA** includes all core CHEE courses (sophomore, junior and senior core courses); all electives; all other required courses in junior and senior years.

Transfer courses are NOT counted in any GPA. Transfer students must be especially aware of their Advanced Standing GPA. Because transfer units are not counted in any GPA's, transfer students will not have as many units factored into their GPA's. One low grade can have a significant effect on a transfer student's GPA.

Deficiencies

CHEE allows **TWO deficiencies**, meaning two courses you can take the first semester you are granted advanced standing. For example, if a student hasn't yet completed PHYS 241 and Math 254, the student would take those classes the following semester along with 300-level CHEE courses. **ENGR 102 is not considered a deficiency.** A ENGR 102 substitution should be taken before graduation. The one exception to this is that all CHEE sophomore level courses must be completed to apply for advanced standing. For Chemical students, **CHEE 201, 205, 202, and 203** must be completed. For Environmental students **CHEE 270, 205, 202 and 300** must be completed.

Advanced Standing GPA Below 2.30

Students can retake or GRO courses to increase your AS GPA. Student should schedule an appointment with their CHEE Advisor to plan for when to GRO a course. If you retake a course at a different institution, you will keep the grade you made at UA as a part of your GPA's. You cannot use a GRO for a course that is taken at another institution. Make sure you understand the [GRO Policy](#). Make sure you know [how to apply for a GRO](#). Make sure you know when you can apply for GRO by checking [dates and deadlines](#).

Advanced Standing Revoked

Yes, advanced standing can be revoked. Your advanced standing status can be revoked for the following reasons: you do not complete your deficiencies in the timeline outlined on your application, your AS GPA falls below a 2.3 at the end of the semester that you apply for advanced standing, or your AS GPA falls below a 2.3 while you have remaining deficiencies.

UNIVERSITY OF ARIZONA
CHEMICAL AND ENVIRONMENTAL ENGINEERING

When is Advanced Standing Complete?

At the end of the semester that you complete all your advanced standing courses including any deficiencies with a 2.3 AS GPA. Once your Advanced Standing is complete, the only GPA's that you will be concerned with will be CGPA and MGPA. To graduate with an undergraduate degree in chemical or environmental engineering your CGPA and your MGPA must be a 2.0 or above.

Chemical Engineering Advanced Standing

The following courses are counted toward the advanced standing GPA. To apply for advanced standing, students must have all but two of these courses complete to apply for advanced standing.

English Composition: (must have a B or higher in ENGL 102, 108 or 109H to complete mid-career writing assessment requirement)

- ENGL 101 OR ENGL 107
- ENGL 102 OR ENGL 108
- Or ENGL 109H

Math:

- MATH 122A Calculus I with Applications
- MATH 129 Calculus II
- MATH 223 Vector Calculus
- MATH 254 Differential Equations

Chemistry:

- CHEM 181 or 151 or 161/163 General Chemistry I
- CHEM 182 or 152 or 162/164 or MSE 110 General Chemistry II
- CHEM 241A or 242A or 246A Lectures in Organic Chemistry
- CHEM 243A or 247A Organic Chemistry Lab
- CHEM 241B Lectures in Organic Chemistry

Physics:

- PHYS 141 or 161H Introductory Mechanics
- PHYS 241 or 261H Introductory Electricity and Magnetism

CHEE/ENGR courses:

- CHEE 201 Elements of Chemical and Environmental Engineering I
- CHEE 205 Intro to MatLab and Python
- CHEE 202 Elements of Chemical Engineering II
- CHEE 203 Chemical Engineering Heat Transfer and Fluid Flow
- ENGR 102 A/B Intro to Engineering

UNIVERSITY OF ARIZONA
CHEMICAL AND ENVIRONMENTAL ENGINEERING

Environmental Engineering Advanced Standing

The following courses are counted toward the advanced standing GPA. To apply for advanced standing, students must have all but two of these courses complete to apply for advanced standing.

English Composition: (must have a B or higher in ENGL 102, 108 or 109H to complete mid-career writing assessment requirement)

- ENGL 101 OR ENGL 107
- ENGL 102 OR ENGL 108
- Or ENGL 109H

Math:

- MATH 122A Calculus I with Applications
- MATH 129 Calculus II
- MATH 223 Vector Calculus
- MATH 254 Differential Equations

Chemistry:

- CHEM 181 or 151 or 161/163 General Chemistry I
- CHEM 182 or 152 or 162/164 or MSE 110 General Chemistry II
- CHEM 241A or 242A or 246A Lectures in Organic Chemistry
- CHEM 243A or 247A Organic Chemistry Lab

Physics:

- PHYS 141 or 161H Introductory Mechanics
- PHYS 241 or 261H Introductory Electricity and Magnetism

CHEE/ENGR courses:

- CHEE 205 Intro to MatLab and Python
- CHEE 270 Intro to Environmental Engineering
- CHEE 202 Elements of Chemical Engineering II
- CHEE 300 Water Chemistry
- ENGR 102 A/B Intro to Engineering

Further Questions

Please reach out to a Chemical and Environmental Advisor for further questions: advising@chee.arizona.edu

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