CHEE ADVANCED STANDING FAQ'S

Requirements for Advanced Standing 2021-2022

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

Instructions to Complete Advanced Standing Application

- Video that walks you through the process
    - Not covered in video – Pass/Fail for Spring 2020 only – Input P or F in grade column. Do not add any units.
- Download an Advisement Report (Advising Tab in UAccess)
- Download a Course History (Academic Record Tab in UAccess)
- Complete the following sections of the AS Application
    - Student Information and Student Academic Information
    - AS Effective Term and Date Submitted
    - Deficiency Section (Deficiencies, ENGR 102 and Gen Eds)
    - Catalog you are on and indicate if you would like to change catalogs
    - **Complete these columns for courses taken at UA** – Semester (that course was taken), UA Grade, Units
    - **Complete these columns for transfer courses** – Semester (that course transfer to UA), Transfer Column put T and the letter grade (TA for Transfer course that you made an A in)
- AS GPA auto populates at the bottom of the form
- Email to advisor and set up an appointment before Priority Date set by the college

Cumulative GPA vs. Advanced Standing GPA

The cumulative GPA is your overall GPA at the University of Arizona and counts all classes taken – gen-eds, CHEE courses, non-CHEE courses, electives, etc. The advanced standing GPA only counts freshman and sophomore (lower-division) CHEE curricula (math, science, engineering, and English).

Transfer courses are NOT counted in either GPA. Transfer students must be especially aware of their Advanced Standing GPA because they may not have as many units factored into their GPA. One low grade can have a significant effect on their 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 CHEE 202 and Math 254, the student would take those classes the following semester along with 300-level CHEE courses. ENGR 102 can be a third deficiency if the student did not start in the College of Engineering at UA as a Freshman during the fall semester.

Advanced Standing GPA Below 2.30

Students can retake or GRO courses to increase your GPA. Student should schedule an appointment with their CHEE Advisor to create a plan. Use this GPA Calculator to see what grades are needed meet GPA requirement of a 2.30.

Advanced Standing Revoked

Yes, advanced standing may be revoked if a student's UA GPA or major GPA falls below 2.0. Student may also have advanced standing revoked if their Advanced Standing GPA falls below 2.3 or they do not complete their deficiencies in the first semester they are granted advanced standing.

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:

- ☐ 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 151 or 141/143 or 161/163 General Chemistry I
- ☐ CHEM 152 or 142/144 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 Excel
- ☐ CHEE 202 Elements of Chemical Engineering II
- ☐ CHEE 203 Chemical Engineering Heat Transfer and Fluid Flow
- ☐ ENGR 102 A/B Intro to 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:

- ☐ 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 151 or 141/143 or 161/163 General Chemistry I
- ☐ CHEM 152 or 142/144 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 201 Elements of Chemical and Environmental Engineering I
- ☐ CHEE 205 Intro to Matlab and Excel
- ☐ CHEE 202 Elements of Chemical Engineering II
- ☐ CHEE 270 Intro to Environmental Engineering
- ☐ ENGR 211C Engineering Science Module - Statics
- ☐ ENGR 102 A/B Intro to Engineering

Further Questions

Please reach out to the Chemical and Environmental Advisor for further questions:
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