UW CHEMICAL ENGINEERING FACULTY ADVISING GUIDE

FALL QUARTER ADVISING FOR WINTER QUARTER

JUNIORS

Required courses for Winter Quarter
CHEME 326 (4)
CHEME 340 (4)

NOTES

- ENGR 231 or equivalent needs to be completed by the end of Winter Quarter
- Unit Operations study abroad* deadline is early Winter Q (Jan 31) - UO study abroad: students complete 6 weeks of 436/437 equivalent course work in Denmark. For highly schedule constrained students, this is a good option!
- REU deadlines are February - March in Winter Q

WHERE YOUR INPUT IS NEEDED

- Winter Q junior year is a good quarter for electives, or completion of A&H (arts & humanities), DIV, or SSc (Social Sciences) credits; students want to hear from you about elective recommendations or types of courses that might be relevant to an area of interest they have
- Discuss applying for internships, coops, or starting undergrad research if they haven't already and are interested

SENIORS

Required courses for Winter Quarter
CHEME 437 (3)
CHEME 480 (4)
CHEME 485 (4)

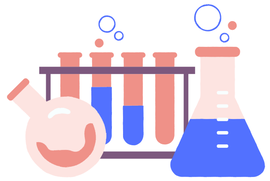
NOTES

- There are several design or capstone options:
  - (1) CHEME 497 - must take both Wi & Sp to receive 5 equivalent credits to CHEME 486
  - (2) CHEME 486 - take in Spring (5 credits)
  - (3) For students who took ME 414 (3) in Fall quarter, they must take ME 494 (3) and ME 495 (3) in Wi & Sp quarters to receive 5 equivalent credits to CHEME 486
- Projects for (1) and (2) are presented in October/early November

WHERE YOUR INPUT IS NEEDED

- Students not taking CHEME 497 or ME 494 will need additional elective credits this quarter to be full time. They want to hear from you about elective options!
- Discuss graduate school applications, job applications, and getting quality rec letters

WINTER QUARTER ADVISING FOR SPRING QUARTER



JUNIORS

Required courses for Spring Quarter
CHEME 457 (3)
CHEME 455 (3) or CHEME 460* (3) or
CHEME 436 (3)

NOTES

- CHEME 455 is offered Sp and Fall
- CHEME 460 is offered only in Sp
- CHEME 436 is offered Sp/Fa (class is split 50:50) and must be completed by end of Fall Q senior year
- Students cannot take CHEME 455 and CHEME 436 OR CHEME 460 and CHEME 436 in the same quarter
- Students cannot take both CHEME 455 and CHEME 460

WHERE YOUR INPUT IS NEEDED

- Spring quarter junior year is a great quarter for engineering elective credit: students want input on courses to take that might align with their post-graduation interests
- *Students want help understanding the difference between polymers lab (460) and colloids lab (455) from your point of view

SENIORS

Required courses for Spring Quarter
CHEME 486 (5) or CHEME 497 (4)* or ME 495 (3)**
CHEME 457 (3) (if not previously completed)
CHEME 455 or 460 (3) (if not previously completed)

NOTES

- Students should be completing graduation paperwork
- *Students can only take CHEME 497 if they took CHEME 497 in Winter Quarter
- **Students can only take ME 495 if they took CHEME 494 in Winter Quarter
- Students should complete any remaining engineering elective credits

WHERE YOUR INPUT IS NEEDED

- Check-in on post-graduation plans
- Spring quarter senior year is a great quarter to take elective courses - many students need to be at 12 credits to be full-time, so it can be useful to share your input on how to leverage their last quarter of their undergraduate tenure

SPRING QUARTER ADVISING FOR FALL QUARTER

SOPHOMORES

Required courses for Fall Quarter
CHEME 325 (4)
CHEME 330 (5)
CHEME 456 (3) or CHEM 455 (3)*

NOTES

- Students are strongly encouraged to complete MATH 209/INDE 315/MATH 224/STAT 390 by the end of Winter quarter of junior year

WHERE YOUR INPUT IS NEEDED

- Students want your input on the differences between quantum mechanics taught by ChemEs (CHEME 456) and physical chemistry taught by chemists (CHEM 455)
- Help set expectations by talking with students about the importance and relevance of the core courses they are taking in junior year
- Encourage students who are struggling with classes or imposter syndrome to seek out support from Dave, Nicole, and campus resources!

JUNIORS

Required courses for Fall Quarter
CHEME 435 (4)
CHEME 465 (4)
CHEME 436 (3)*

NOTES

- *Students who did not complete the UO study abroad and did not take CHEME 436 in Spring quarter need to take CHEME 436 in Fall Quarter
- Students cannot take CHEME 455 and 436 in the same quarter
- Students considering EIH in the fall and who cannot do study abroad should take CHEME 436 in the spring quarter to reduce the fall quarter course load

WHERE YOUR INPUT IS NEEDED

- Start to talk about capstone and design options. Students interested in Engineering Innovations in Health (EIH) capstones will need to take ME 414 (3) in fall quarter
- Check-in on summer plans
- Help set expectations for the intensity of senior year and provide your perspective on the structure of the core courses in senior year (how they build on earlier courses)

Useful Links: Plan of Study ChemE Time Schedule ChemE Careers

Concern about a student? Email Dave (rdd@uw.edu) or Nicole (nminkoff@uw.edu)!

Questions about advising strategy? Email Elizabeth (eanance@uw.edu)!