

Abilene Undergraduate Academic Council
February 7, 2024
3:30 p.m. – 5:00 p.m.
Adams Center Classroom

Present: K. Witemeyer, T. Baggs, T. Sensing, D. Mayhall, J. Drachenberg, R. Brown, R. Slaymaker, J.D. Wallace, T. Womble, R. Jessup

Absent: None

Ex-officios: J. Smith, B. Reeves (E. Gumm, C. Riley, and J. Wiser were absent)

Guests: D. Hewitt, C. Miertschin, A. Sutherlin, S. Jones, M. Long, D. Kennamer, S. Hamm

The meeting began at 3:31 p.m.

1. Call to order by T. Baggs.
2. Prayer by D. Kennamer.
3. Approval of the minutes from 1.17.24

With no corrections mentioned, minutes are considered approved.

Information Items

4. CHEM 113 – Revise Prerequisites
5. CSD 225 – Revise Prerequisites
6. CSD 225 – Revise Description
7. CSD 330 – Revise Prerequisites
8. CSD 330 – Revise Course Terms
9. CSD 353 – Revise Prerequisites
10. CSD 494 – Revise Course Terms
11. ENGR 322 – Revise Prerequisites
12. MATH 109 – Revise Prerequisites
13. MATH 237 – Revise Prerequisites
14. MATW 109 – Revise Prerequisites

15. MATW 120 – Revise Prerequisites
16. NUTR 421 – Revise Title
17. HIST 329 – Add ENGL 112 Prerequisite

Action Items

18. KINE-KGEN – Revise Course Selections in Degree Plan

M. Long - We noticed that we are doing many substitutions, especially with students changing tracks. We would like to expand the options to reduce the number of subs. J. Wallace - So functionally, you are already putting these changes into practice. M. Long - Yes.

Motion to approve by D. Mayhall; seconded by R. Jessup; all in favor; motion passes.

19. KINE-KSRM – Revise PEAC Requirements

M. Long - As our student population has changed with more transfer students, the number of high adventure courses is difficult for students to complete. These courses cause students to miss class and there are extra fees. Instead of 3 high adventure courses, we want to have 1 high adventure with 2 other PEAC courses. T. Womble - So they still have to take one of the high adventure courses? Doesn't that still cause a problem? M. Long - We will offer them every semester, including summer, so athletes will have plenty of opportunities to find a course that fits with their schedule.

Motion to approve by R. Brown; seconded by T. Womble; all in favor; motion passes.

20. CHEM – Revise General Degree to Align with New Tracks

A Sutherlin - The American Chemical Society (ACS) has changed some of their requirements, so that gives us some flexibility to revise our program. Our main chemistry degree plan will not be changing any degree requirements, but the courses have been rearranged to allow for the addition of tracks. J. Wallace - All of these are covered by accreditation? A. Sutherlin - Yes. We will leave this as the parent degree without naming the track as "general."

21. CHEM-CHMM – New Medicinal Chemistry Track

A Sutherlin - We recently approved a new Medicinal Chemistry course. Students are interested in pre-health professions, research, and pharmaceutical drug design. In an effort to recruit students, we are offering this new track. It incorporates more biology courses. It allows them to specialize a bit depending on their area of interest. It does still meet the ACS requirements. D. Mayhall - I was surprised that no other universities are

doing this. A Sutherlin - Yes, I think we have beaten people to the punch. There are grad programs in this area. T. Womble - No new classes? A. Sutherlin - Not beyond the medicinal chemistry course.

22. CHEM-CHMR – New Research Track

A Sutherlin - This is part of our EDLP. We are requiring students to take our research course. What if we have more students than research placements? I don't think that will be a problem. We have capacity for about 30 research students in any given semester. The type of math you need varies on what type of research you are focused on.

Motion to approve items 20-22 by D. Mayhall; seconded by J. Wallace; all in favor; motion passes.

23. PHYSN – Replace ENGR 211 with ENGR 222 & Expand Selections

J. Drachenberg - We are updating our engineering offerings so we need to bring our engineering physics track in line with those changes. ENGR 211 will no longer be offered. It was a 4 hour course and ENGR 222 is a 3 hour course that will replace it, so there will be an extra hour added back into the electives.

Motion to approve by J. Wallace; seconded by J. Drachenberg; all in favor; motion passes.

24. BSE to BS for General Engineering Degree

D. Hewitt - We have approved 3 new engineering degrees. We have had a general engineering degree that was a BSE. The BSE has created a challenge for students wanting to double major, forcing them to do a double degree. Changing the BSE to the BS will remove that hurdle. It will not change the content of the degree. We will remove the tracks as well since we have those specified programs now. There are some courses enforced because they contain content that is included on tests for professional licensure. There is an engineering core. This will be common across all of our engineering degrees. This will help with consistency throughout our degrees. No "general" will be used in the title. It will just be a BS in Engineering. T. Sensing - The licensure exam also covers chemistry and other content, is that covered in your curriculum? D. Hewitt - Yes.

Motion to approve by J. Drachenberg; seconded by D. Mayhall; all in favor; motion passes.

25. CIVE 362 – New Course – Construction Engineering

D. Hewitt - All of these new courses will be part of the Civil Engineering degree. Up to this point, we've had one engineering program accredited by ABET. Now we will have three new programs that have extra requirements for their specialty. Civil engineering

has many requirements. They are pretty rigid. We are required to have a number of places where design is addressed in different areas of civil engineering. These courses will address those accreditation requirements. Tim Kennedy is our civil engineer and he has looked over these for us. T. Womble - Tim is listed as the professor for all of them and they are all listed as being taught every year or every other? How does that fit in his load? D. Hewitt - We have approval to hire two new faculty for civil engineering. T. Womble - Can any civil engineer teach any of these courses? They seem rather specific. D. Hewitt - We will need faculty with the breadth of experience to cover all these topics. J. Wallace - If you aren't able to hire someone? D. Hewitt - I'm not overly concerned about it. We will be able to cover these classes with the faculty we hire. Any civil engineer with an advanced degree could teach any of these courses.

J. Smith - Several of these courses were listed as ENGR in the original plan. Did you want to keep the CIVE subject code? D. Hewitt - Yes, this is what we want to have moving forward.

26. CIVE 371 – New Course – Civil Engineering Materials Lab

See above.

27. CIVE 432 – New Course – Water and Wastewater Design

See above.

28. CIVE 452 – New Course – Engineering Hydrology

See above.

29. CIVE 472 – New Course – Reinforced Concrete Design

See above.

30. CIVE 474 – New Course – Structural Steel Design

See above.

Motion to approve items 25-30 by D. Mayhall; seconded by J. Drachenberg; all in favor; motion passes.

Meeting ended at 4:12 p.m.