

Biological and Agricultural Engineering Advising Notes Preregistration for Summer/Fall 2020

Everyone	<ul style="list-style-type: none"> • The student-advising period will be March 23-April 3. Students need to schedule an appointment to see their faculty advisors during this time. Many faculty will post sign-up sheets for advising appointments outside their office door. Some faculty may not be available these exact dates. • Student files will be sent to faculty advisors prior to advising appointments. Students do NOT need to see Ashlea to pick up their folders. • BAEN 320 WILL BE offered Summer 2020 ONLINE during the 10-week session. • BAEN courses (except BAEN 320) are offered only once per year. Students need to take all required BAEN courses offered in the fall for which they have completed the prerequisites but have not yet taken. • No substitutions will be allowed (no exceptions) for BAEN 479 or BAEN 480. Students will need to plan to take these classes during the fall/spring (20-21) if they plan to graduate in May, August, or December 2021. BAEN 340 cannot be taken at the same time as BAEN 479 (check degree plan for other prerequisites). • No substitutions for BAEN 300 level classes will be allowed without prior approval from the Director of the BAEN undergraduate program (Dr. Patti Smith).
Blocks	<ul style="list-style-type: none"> • All students: There is a registration hold placed on your account until you have seen your advisor. • If you are below a 2.0 GPR at mid-semester, you will be allowed to pre-register; however, your registration may be cancelled if final grades are not sufficient to warrant continuation. Being allowed to pre-register does NOT imply automatic continuation for the next semester.
Advising and registration procedures	<ul style="list-style-type: none"> • Schedule a time to meet with your advisor during the two-week advising period. • Make sure you bring a copy of your degree plan from the degree planner tool in Howdy showing the courses you will take each semester up to graduation. • Be familiar with your degree plan and have a preliminary schedule for the summer and/or fall worked out before the advising meeting. Trial Schedule (template) • Check your degree audit on Howdy (MyRecord tab, degree evaluation). All courses taken at TAMU or other institutions should be shown. Some courses may be listed in the “Work not applied” area if we have not submitted an adjustment form. If a course you took at another institution is not showing anywhere on the audit, then TAMU has not received a transcript for it. You will need to have the other institution send a transcript to Texas A&M. • During your assigned registration time, register for the courses recorded on the advising form during the advising meeting. If you need to change these courses, contact Ashlea. • If you plan to take BAEN 485 Special Problems or BAEN 491 Research, you MUST fill out the departmental form, which can be obtained from Ashlea (email aschroeder@tamu.edu), get the required signatures and return to Ashlea.

<p style="text-align: center;">ENGR [x] – HIP Requirements</p>	<ul style="list-style-type: none"> • Students in catalog 2017 and newer (mostly the juniors and sophomores) are required to have a High Impact Experience in order to graduate. • The BAEN website lists options to fulfil this requirement: https://baen.tamu.edu/high-impact-practices/ (some options listed below) <ul style="list-style-type: none"> ○ Study Abroad ○ Mexico Exchange (traveling there - with BAEN; 0 credits) ○ Research (3-4 hours) ○ Student Club Leadership (0 credits) ○ Aggie Pullers (traveling with the team to competition; 0 credits) ○ Internships (0 credits) ○ Honors Program (research required)
<p style="text-align: center;">Fast Track</p>	<ul style="list-style-type: none"> • NEW beginning Spring 2020 – Fast Track applications will be accepted and considered for students with a 3.3 GPA or higher who intend to pursue graduate work in the BAEN Department. • Students must be enrolled in/have completed BAEN 365 and planning to enroll in BAEN 479/480 during the 2020-2021 school year. • Students need to schedule an appointment with Ashlea before submitting an application on the BAEN website. • Students will take 2 graduate classes during the senior year, and will receive credit by exam for their undergraduate degree if they make a B or better in that class.
<p style="text-align: center;">Grade requirements</p>	<ul style="list-style-type: none"> • You are required to make a grade of “C” or better in <u>ENGL 104 and all engineering, math, and science courses</u> for them to count toward your degree. Any of these courses in which you make a D, F, or Q must be retaken as soon as possible and must be completed successfully before proceeding to any course for which it is a prerequisite. • If you make a D or F this spring, you likely will have to change your fall schedule before classes start. • University policy states that a course may be repeated no more than two times. • BAEN policy states that courses not passed on the 3rd attempt calls for immediate dismissal from the BAEN major. • University policy states that in addition to a 2.0 overall GPR, you must also have a 2.0 in your major to graduate. For BAEN students, the courses in the major are all BAEN courses taken.
<p style="text-align: center;">Prerequisites</p>	<ul style="list-style-type: none"> • Prerequisite courses are required to ensure students have the necessary background material on which the follow-on course builds. Without the prerequisite material, you will be behind in a course. • Prerequisites are required for all of our upper level departmental courses. Failure to complete prerequisite courses in a timely manner may lead to postponement of graduation. In exceptional circumstances, a prerequisite may be waived with the consent of the instructor and Dr. Smith. If you wish to take a departmental course without having the prerequisites, you MUST fill out the departmental petition, which you can get from Ashlea, obtain the indicated permissions, and return to Ashlea. • If you Q-drop a prerequisite for a departmental course, you will not be allowed to take the departmental course concurrently with, or prior to, that prerequisite.

Lower Level & Transfer Students	<ul style="list-style-type: none"> • BAEN 320 WILL BE offered Summer 2020 during the 10-week session - online. • If you have not taken BAEN 201, you MUST take that class this fall. • If you have completed the freshmen and sophomore level courses, BIOL 111/113 and CHEM 222 or plan to co-register in CHEM 222 this fall, you should take BAEN 302 this fall. • You MUST HAVE MEEN 221 completed with a C or better before Fall in order to enroll in BAEN 340 (no exceptions). • You need to complete CVEN 305 this spring or summer if you plan to take BAEN 375 in the fall; MEEN 221 is a prerequisite for CVEN 305.
Upper Level Students	<ul style="list-style-type: none"> • Departmental elective courses offered this fall include BAEN 414 (renewable energy), 422 (unit operations), 460 (hydrology), 464 (irrigation and drainage), 471 (bioreactor engineering), and 477 (air pollution). • BAEN majors are NOT allowed academic credit for working on a summer job or internship. However, you can have a 0-credit hour class placed on your transcript for internship or research experience. Please see Ashlea or Stormy for more information and this form. • Recommended electives for various emphasis areas are available on the departmental web site. • No courses in ENTC, IDIS, MMET, or ENDG can be used as engineering electives.
Study Abroad	<ul style="list-style-type: none"> • BAEN 465 and 477 will be offered during 2020 Summer II in the Belgium Environmental Science and Engineering study abroad program. In addition to receiving course credit for these two classes, students participating in the program will receive 6 hours of International and Cultural Diversity credit or may apply the credit toward the International Engineering Certificate. • At this time: BAEN 465 and BAEN 477 will be offered via study abroad SSII Summer 2021. If you are interested in attending the Belgium program NEXT summer, make sure you do not complete the classes listed above.
Certificate Programs	<p>The College of Engineering offers several certificate programs that may be of interest to BAEN students. For details, see http://engineering.tamu.edu/academics/certificates.</p> <ul style="list-style-type: none"> • Energy Engineering Certificate • Engineering Honors Certificate • International Engineering Certificate • Safety Engineering Certificate • Business Management Certificate for Engineering Students • Engineering Therapeutics Manufacturing

<p style="text-align: center;">Core curriculum requirements</p>	<p>Students may follow the catalog that was in effect when they started college, or may follow a later catalog. Listed below are the requirements all current BAEN students will have:</p> <ul style="list-style-type: none"> • Catalog 2014-2018 requires 2 years of the same foreign language from high school, a creative arts class, one social and behavioral science class, a language philosophy and culture class (ENGR/PHIL 482), POLS 206/207, two American history courses, 6 hours of ICD (International and Cultural Diversity), and two writing intensive courses – all other core curriculum requirements are built into the degree (math, science, etc) • Catalog 2019 requires 2 years of the same foreign language from high school, a creative arts class, one social and behavioral science class, a language philosophy and culture class, POLS 206/207, two American history courses, 3 hours of ICD (International and Cultural Diversity), 3 hours of CD (Cultural Discourse), and two writing intensive courses – all other core curriculum requirements are built into the degree (math, science, etc) • Refer to https://core.tamu.edu/ for courses that will apply to each foundational component area. • Writing intensive courses are identified by section numbers in the 900s. <ul style="list-style-type: none"> • BAEN 302, BAEN 480, and ENGR/PHIL 482 are approved as W courses. • The TAMU catalog is the official keeper of requirements. https://catalog.tamu.edu/undergraduate/agriculture-life-sciences/biological-agricultural-engineering/ • Selecting ICD and/or CD courses that do not also meet another core curriculum requirement will increase the total number of hours required to graduate. Try to select courses that will meet multiple requirements.
<p style="text-align: center;">Faculty</p>	<ul style="list-style-type: none"> • Use the advising forms to record what courses the student will take and to indicate that the student should be unblocked. These forms are kept in the student's file. • Include the UIN on the advising form. • Identify the curriculum and emphasis area, if applicable, that each student plans to follow. Note that emphasis areas are developed by selection of appropriate engineering electives. Recommended electives for emphasis areas are available in the advising notebook and on the departmental web site. • Make note of a student's intention on completing a specific minor; have the student notify Ashlea if they intend to complete a minor, via email, so that the appropriate paperwork can be completed. • If you request a student be unblocked by email, also send an advising form so it can be included in the student's file. • BAEN 320 <u>WILL BE</u> offered Summer 2020 during the 10-week session <u>ONLINE</u>. • No substitutions will be allowed (no exceptions) for BAEN 479 or BAEN 480. Students will need to plan to take these classes during the fall/spring (20-21) if they plan to graduate in May, August, or December 2021. BAEN 340 cannot be taken at the same time as BAEN 479 (check degree plan for other prerequisites). • No substitutions for BAEN 300 level classes will be allowed without prior approval from Patti Smith.