

Approved Proposals from the Undergraduate Curriculum Committee

Feb 3, 2020

College	Department	Proposal	Rationale
Liberal Arts	Theatre and Dance	Add MUST 1311: Music Fundamentals to electives list to the major of BFA Theatre , concentration in Design and Technology	To offer the opportunity for designers and technicians who have an interest in sound design to have a complete opportunity to study it further through elective.
Liberal Arts	Theatre and Dance	Add MUST 1311: Music Fundamentals to electives list to the major of BFA Theatre , concentration in Stage and Theatre Management	To offer the opportunity for stage managers who have an interest in sound design to have a complete opportunity to study it further through elective.
Liberal Arts	Dean's Office	Add to catalogue 6 credit hours of foreign language to general education requirements (of the same language) and foreign language can be a 2000 level (same language) and count as a block elective if the student wishes to pursue a foreign language.	As part of compliance with regulation regarding program of study
Business	Marketing and Management	Remove Human Resource (HR) Minor, Option 1 for business students. Leave Human Resource Minor Option 2 only for business students	The HR minor Option 1 has the same curricula as the Human Capital Management (HCM) certificate. Students pursuing the HCM certificate have the opportunity to apply for the HCM Corporate Academy. Students minoring in HR Option 1 do not have the same opportunity even though both programs require the same courses.
Health	Social Work	Update prerequisites for	Allows Honors students

Sciences		SOWK 4390: Add SOWK 4281 w/C or better <u>OR</u> SOWK 4283 w/C or better AND SOWK 4280 W/C or better.	coursework as a pre-requisite for the class
Engineering	Electrical and Computer Engineering	For EE 2353: Change the pre-requisite from EE 2353:Electical Circuits I to EE 2351: Electric Circuits II Also eliminate EE 2351 as a co-requisite and make it a pre-requisite for the course	Students will be better prepared to succeed in EE 2343 if EE 2351 is a pre-requisite and not a co-requisite as it is now.
Engineering	Mechanical Engineering	Change both MECH 4336: Principles of Engineering Design and MECH 4366: Senior Design Project to be listed as Lecture or Independent Study in the catalogue.	Scheduling these classes as either Lecture or Independent Study allows the flexibility to match student and industry mentor schedules.
Engineering	Computer Science	Add new courses CS 1191: Special Topics in Computing and CS 1291: Special Topics in Computing	The Department already has 1190 and 1290 Special Topics courses that count as technical electives. The flexibility to add these 2 courses that <u>don't count</u> as Technical electives allows pilot courses and/or courses that don't contain a substantial amount of technical material.
		•Add 3 new courses to eligible technical electives: CS 1110: Introduction to Problem Solving, CS 1120: Computational Thinking n Problem Solving and CS 2210: Algorithmic Thinking in Problem Solving.	Courses are developed to address industry's need for improved problem-solving skills, incorporating deep collaboration with Google technical staff. The courses create opportunities to learn across academic levels, and create new student communities, mentorship opportunities and social connections to support retention.
		Add new course CS 4175: Parallel Computing as a	The current BSCS degree lacks a course focused on this

		required course for the BSCS degree.	area and adding this new course will ensure that the BSCS program meets CAC/ABET accreditation criteria for the department. One credit elective requirement was removed from degree plan to keep at 120 SCH.
		Update list of courses that can count as technical electives in the BSCS degree plan in the catalogue:	The list needs to be updated to reflect new courses and for accreditation purposes, needs 12 credit hours of junior/senior level courses, limiting freshman/sophomore courses that count towards technical electives to 3 hours. In addition, the department requires the majority of the technical elective courses for this degree to be junior/senior courses with well-defined course outcomes.
		Modify CS 1301: Intro to Computer Science course description to Intro to Computer Science Topics include basic concepts of algorithms, basic computer organization, impacts of computing, and implementation of solutions to computing problems in a high-level programming language. Students will build problem-solving skills, team skills, critical-thinking skills, and professionalism.	The new description fixes some typos and is more consistent with other CS course descriptions
Science	Chemistry and Biochemistry	Proposed changes to the catalogue course inventory to correct errors and outdated course information. Correct	Correct areas of the catalogue that were incorrect or inconsistent.

		35 courses as outlined in proposal	
Education	Teacher Education	Major Revision to UG Educator Preparation Programs (EPPs) for elementary, middle grades and Special Education. • Degree Name Changes 1. Change Bachelor of Arts in Applied Learning Development (APLE) to Bachelor of Science in Education (BSED). 2. Change the name of the Concentration in EC-6 Bilingual within the Bachelor of Arts in Applied Learning Development (APLE) to the Concentration in Elementary with Bilingual Certification (ELBED) within the Bachelor of Science in Education (BSED). 3. Change the name of the Concentration in EC-6 Generalist within the Bachelor of Arts in Applied Learning to the Concentration in Elementary with ESL Certification (ELED) within the Bachelor of Science in Education (BSED). • Revisions to the Elementary programs (please see proposals) 1. Program level changes 2. Course level changes 3. Course Additions 4. Course Replacements • Revisions to Middle Grade programs (please see proposals) 1. Program level	1. To respond to recent field-relevant research and trends in elementary and middle grade education to better prepare our pre-service teacher candidates. 2. To respond to recent Texas state legislation and State Board of Educator Certificaton (SBEC) changes, including meeting new state code and new certification requirements. 3. To facilitate the adoption of the new year-long student teaching residency program, which has been developed with support and technical assistance from state- and national-level partners 4. To update course-level information for consistency among and between the programs and to create flexible blocking of courses to ensure our students get the preparation they need for each checkpoint in the new programs

		changes 2. Course level changes 3. Course Additions 4. Course Replacements • Revisions to the PK-12 SPED program (please see proposals) 1. Program level changes 2. Course level changes 3. Course Replacements	
Education		Addition of a new concentration/track under the Bachelor of Science in Education (please see degree name change under previous proposal): BSED-Concentration in Early Childhood Care and Education 1. Program level information (please see proposals) 2. Course Additions (please see proposals)	1. To respond to the need for highly prepared educators of children from birth to age 5 in settings outside of state public school in in our region. 2. To respond to recent Texas state legislation (HB-3) which offers provisions and places an emphasis on early childhood education. 3. To provide an alternative/non-certification educator preparation option for students who choose to stop/opt out of our elementary programs for personal or career reasons