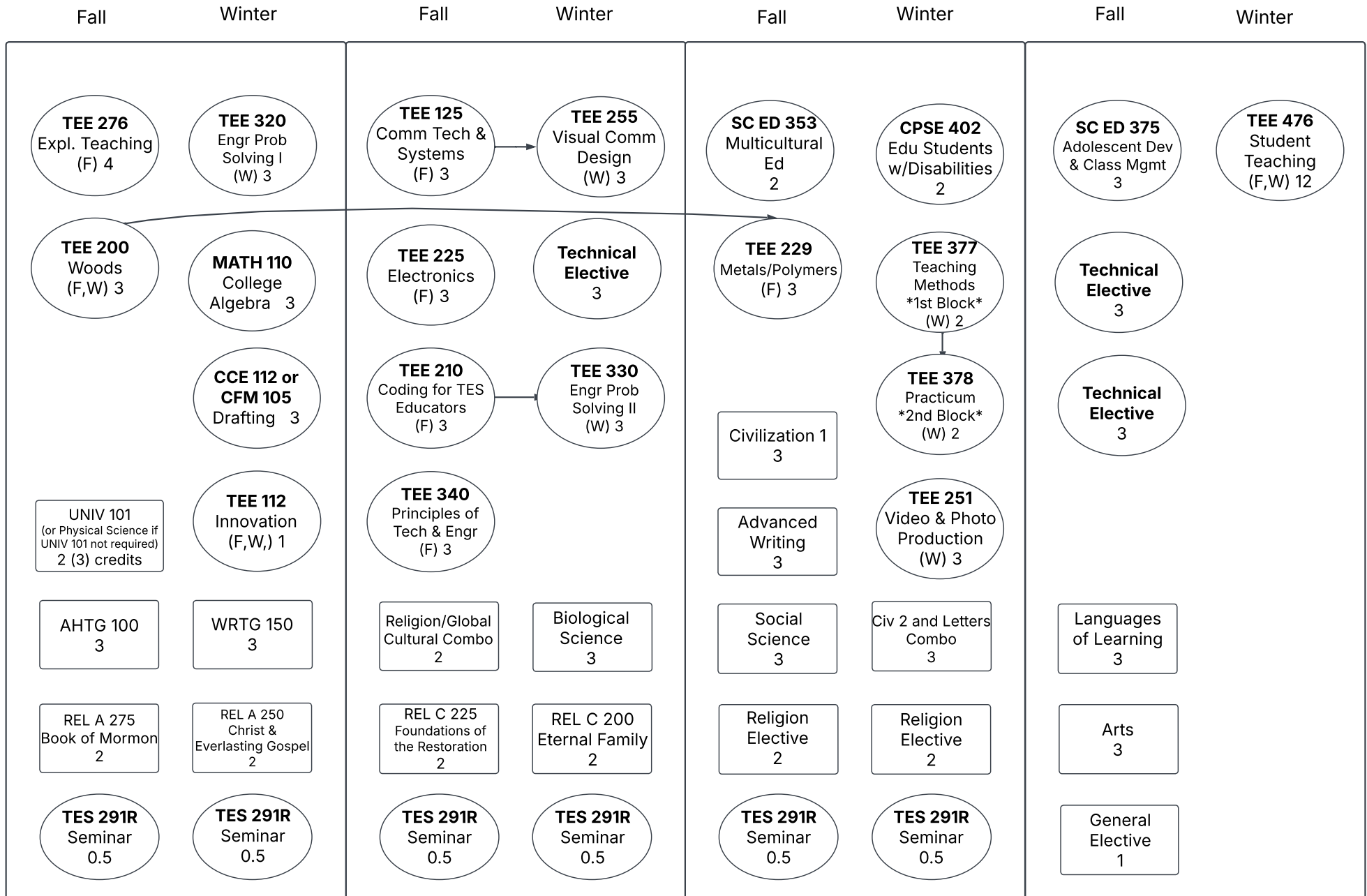


Please note This flowchart is not a contract. For your contract information please see the catalog.

TECHNOLOGY AND ENGINEERING Education 2026-2027

Major Code: 396541

Please refer to the flow chart year that corresponds with when you joined the major



(F) - Offered Fall only (Sp) - Spring term
(W) - Offered Winter Only (Su) - Summer term

○ Major Classes
□ G.E. Classes
→ Required Prerequisite

Technology Engineering Education

NOTE ABOUT TECHNICAL ELECTIVE OPTIONS: Courses listed here are potential options. Students are not guaranteed admittance to these courses. Departments and/or faculty have full discretion for courses within their departments. Students may request admittance but it is not guaranteed. Check the Course Catalog for more information about prerequisites for specific courses and entrance requirements for courses in limited-enrollment programs. See Advisement Office for details.

TES 490R INDEPENDENT RESEARCH AND DEVELOPMENT: TES 490R is an elective option (6 credits maximum). Faculty approval required. See tes.byu.edu/student-forms for more information.

For Student Teaching Requirements - Refer to your Educator Account
For program and course questions, please reach out to the Crabtree Advising Center
265CTB
801-422-1818
ctb_advisement@byu.edu

Approved Elective Class Options

ARCHITECTURE AND FURNITURE DESIGN			
CFM 113	3.0	CONSTRUCTION MODELING	Prerequisites Required, see course catalog
TES 400	3.0	FURNITURE DESIGN	Prerequisites Required, see course catalog
ME EN 272	3.0	ENGINEERING GRAPHICS	Instructor's consent, see course catalog
PWS 103	3.0	RESIDENTIAL LANDSCAPE DESIGN	
PWS 105	3.0	LANDSCAPE DESIGN GRAPHICS	
SFL 102	3.0	INTERIOR DESIGN	

BUSINESS AND ENTREPRENEURSHIP

ENT 101	3.0	INTRO TO ENTREPRENEURSHIP	
ENT 301	3.0	BASIC ENTREPRENEURSHIP SKILLS	
ENT 313	1.0	START-UP BOOTCAMP	
MSB 375	3.0	SOCIAL INNOVATION	
MSB 381R	1.0	SOCIAL IMPACT LECTURES	
MSB 484	3.0	CORPORATE SOCIAL IMPACT	
MSB 492R	3.0	SOCIAL IMPACT PROJECTS	

COMPUTER SCIENCE

CS 110	3.0	HOW TO PROGRAM	
CS 224	3.0	INTRODUCTION TO COMPUTER SYSTEMS	Prerequisites Required, see course catalog
CS 235	3.0	DATA STRUCTURES AND ALGORITHMS	Prerequisites Required, see course catalog
CS 236	3.0	DISCRETE STRUCTURES	Prerequisites Required, see course catalog
CS 240	4.0	ADVANCED PROGRAMMING CONCEPTS	Prerequisites Required, see course catalog

CONSTRUCTION SYSTEMS

CCE 103	3.0	ENGINEERING MECHANICS-STATICS	Prerequisites Required, see course catalog
CCE 113	3.0	CONSTRUCTION MODELING	Prerequisites Required, see course catalog
CCE 305	1.5	CONCRETE/MASONRY	Instructor's consent, see course catalog
CFM 105	3.0	FUND. OF CONSTRUCTION AND FACILITIES	
CFM 110	3.0	FUNDAMENTALS O FACILITIES MANAGEMENT	
CFM 120	3.0	LIGHT STRUCTURAL SYSTEMS	Prerequisites Required, see course catalog
CFM 213	3.0	CONSTRUCTION SURVEYING	Prerequisites Required, see course catalog
CFM 241	2.0	ELECTRICAL	Instructor's consent, see course catalog
CFM 220	3.0	MECHANICAL SYSTEMS	Instructor's consent, see course catalog

CYBERSECURITY, AND INFORMATION SYSTEMS

EC EN 224	3.0	COMPUTER ARCHITECTURE & ORGANIZATION	Prerequisites Required, see course catalog
CYBER 101	3.0	Intro to Cybersecurity	
CYBER 210	4.0	WEB-BASED PROGRAMMING	Prerequisites Required, see course catalog
CYBER 247	3.0	COMPUTER NETWORKS	Prerequisites Required, see course catalog
CYBER 266	3.0	ADVERSARIAL AND DEFENSIVE MINDSET	
CYBER 327	3.0	DIGITAL COMMUNICATIONS	Prerequisites Required, see course catalog
CYBER 344	3.0	OPERATING SYSTEMS	Prerequisites Required, see course catalog
CYBER 350	4.0	DATABASE PRINCIPLES & APPLICATIONS	Prerequisites Required, see course catalog
CYBER 366	3.0	INFORMATION ASSURANCE AND SECURITY	Prerequisites Required, see course catalog
IS 110	1.0	SPREADSHEETS & BUS ANALYSIS	See course catalog
IS 120	3.0	INTRO TO WEB DEVELOPMENT	See course catalog
IS 201	3.0	PRINCIPLES OF FINANCIAL ACCOUNTING	Prerequisites Required, see course catalog
IS 302	3.0	INTRO TO DATABASES	See course catalog

GRAPHIC DESIGN, UX DESIGN, AND MULTIMEDIA

TEE 251	3.0	VIDEO PRODUCTION AND NONLINEAR EDITING	
TEE 350	3.0	MULTIMEDIA AUTHORING AND PUBLISHING	
CYBER 210	4.0	WEB-BASED PROGRAMMING	Prerequisites Required, see course catalog
ART 225	3.0	PRINTMAKING FUNDAMENTALS	Instructor's consent, see course catalog
CS 256	3.0	USER EXPERIENCE DESIGN	Instructor's consent
CS 356	3.0	ADVANCED USER EXPERIENCE DESIGN	Prerequisites Required, see course catalog
IT&C 327	4.0	DIGITAL COMMUNICATIONS	Prerequisites Required, see course catalog
IT&C 344	3.0	OPERATING SYSTEMS	Prerequisites Required, see course catalog
IT&C 247	3.0	COMPUTER NETWORKS	Prerequisites Required, see course catalog
TMA 105	1.0	USING BASIC MEDIA TOOLS	Media arts minor only, see course catalog
TMA 185	3.0	BASIC MEDIA PRODUCTION	Media arts minor only, see course catalog
CSANM 150	1.5	INTRO TO THREE-DIMENSIONAL COMPUTER	Instructor's consent, see course catalog
TMA 102	3.0	INTRODUCTION TO FILM	
TMA 384R	1-6	PRACTICUM: CINEMATIC SKILLS	Instructor's consent, see course catalog
COMMS 230	3.0	INTRO TO ADVERTISING	
COMMS 365	3.0	PHOTOJOURNALISM	Instructor's consent, see course catalog
DESPH 116	3.0	INTRO TO PHOTOG. & DIGITAL WORKFLOW	Instructor's consent, see course catalog
DESPH 117	3.0	DESIGN THINKING	Instructor's consent, see course catalog
DESPH 270	3.0	INTRO TO B&W PHOTOGRAPHY	Instructor's consent, see course catalog
DESPH 280	3.0	MEDIA DESIGN 1	Instructor's consent, see course catalog
DESPH 360	3.0	INTERACTION DESIGN 1	Instructor's consent, see course catalog
DESPH 460	3.0	INTERACTION DESIGN 2	Instructor's consent, see course catalog
DESPH 410	3.0	COMPUTER APPLICATIONS STUDIO FOR	Instructor's consent, see course catalog
DESGD 245	3.0	GRAPHIC DESIGN 1	Instructor's consent, see course catalog
DESGD 243	3.0	TYPOGRAPHY 1	Instructor's consent, see course catalog

MANUFACTURING

MFGEN 130	1.0	Intro to Manufacturing	
MFGEN 220	3.0	MATERIAL REMOVAL	Prerequisites Required, see course catalog
MFGEN 230	3.0	COMPUTER AIDED MANUFACTURING	Prerequisites Required, see course catalog
MFGEN 331	4.0	METALS PROCESSES	Prerequisites Required, see course catalog
MFGEN 340	3.0	QUALITY SYSTEMS	Prerequisites Required, see course catalog
MFGEN 355	3.0	PLASTICS AND COMPOSITES	Prerequisites Required, see course catalog
MFGEN 333	3.0	AUTOMATION	Prerequisites Required, see course catalog
MFGEN 381	3.0	LEAN MANUFACTURING SYSTEM DESIGN	Prerequisites Required, see course catalog
MFGEN 401	3.0	DATA ANALYSIS IN MANUFACTURING	Prerequisites Required, see course catalog
TEE 400	3.0	FURNITURE DESIGN	Prerequisites Required, see course catalog

PEDAGOGY (elective options only for technical emphasis)

TEE 377	2.0	TEACHING METHODS IN TECHNOLOGY ED	Prerequisites Required, see course catalog
CPSE 402	2.0	EDUCATING STUDENTS WITH DISABILITIES	Prerequisites Required, see course catalog
SC ED 353	3.0	MULTICULTURAL EDUCATION	
SC ED 375	3.0	ADOLESCENT DEVELOPMENT AND CLASSROOM	Prerequisites Required, see course catalog