UNIVERSITY OF TEXAS ARLINGTON

DEPARTMENT OF CIVIL ENGINEERING

B.S. in ARCHITECTURAL ENGINEERING

FA 2020

(version 04/14/20)

pre-requisite → co-requisite - - -

FRESHMAN semester 1	FRESHMAN semester 2	SOPHOMORE semester 1	SOPHOMORE semester 2	JUNIOR semester 1	JUNIOR semester 2	SENIOR semester 1	SENIOR semester 2
AREN 1205 Intro to Arch. Engineering	**AREN 2252** Intro to Digital Technologies	**AREN 2311** Statics	**AREN 2315** Const. Materials and Methods	**AREN 3341** Structural Analysis	**AREN 3331** Mechanical and Electrical Systems	**AREN 4348** Structural Design in Steel	**AREN 4383** Senior Project *
MATH 1426 Calculus 1	**MATH 2425** Calculus 2	**MATH 2326** Calculus 3	**AREN 2313** Mechanics of Materials 1	**MATH 3319** Diff. Equations & Linear Algebra	**AREN 3343+** Soil Mechanics and Lab (3143)	**AREN 4352** Professional Practice	**AREN 3301** Stochastic Models for Civil Eng.
ENGR 1250 Engineering Problem Solving	**PHYS 1443** General Technical Physics 1	**PHYS 1444** General Technical Physics 2	**CHEM 1465** Chemistry for Engineers	**AREN 3311** Construction Engineering	**AREN 3347** Reinforced Concrete Design	**AREN 4346** Elec Systems & Ltg for Archit Eng	**AREN/ARCH** Elective
ARCH 1301 Intro to Arch. & Interior Design	**IE 2308** Engineering Economics	**ARCH 2341** Design Communications 1	**ARCH 3357** Bldg Information Modeling	**ARCH 3551** Basic Design for Engineering	**ARCH 3336** Structural Systems for Arch. Eng.	**AREN 4309** Thermodynamics for Archit Eng	**POLS 2312** State and Local Government
ENGR 1101 **UNIV 1131**	**xx 23xx** Lang., Philosophy & Culture course	**HIST 1301** History of the U.S. to 1865	**COMS 2302** Communication for Science & Eng.		**HIST 1302** History of the U.S. 1865 - Present	**POLS 2311** Government of United States	
ENGL 1301 Rhetoric & Composition 1							
15 s.c.h.	16 s.c.h.	16 s.c.h.	16 s.c.h.	14 s.c.h.	16 s.c.h.	15 s.c.h.	12 s.c.h.

CALCULUS READY

* All 3000 level courses must be completed before enrolling in Senior Project.