

**Bachelor of Science Degree in Civil Engineering
Laredo Community College
2000-2002**

First Semester at LCC

MATH 2413 Calculus I	4
ENGL 1301 Composition & Rhetoric	3
CHEM 1411 General Chemistry I	4
The Arts*	<u>3</u>
	14

Second Semester at LCC

MATH 2414 Calculus II	4
ENGL 1302 Comp, Rhet. & Reading	3
ECON 2302 Intro Microeconomics	3
United States History*	<u>3</u>
	13

Third Semester at LCC

PHYS 2425 Univ. Physics I	4
Literature*	3
Interdisciplinary Studies*	3
GOVT 2305 American National Govt.	<u>3</u>
	13

Fourth Semester at LCC

PHYS 2426 University Physics II	4
GOVT 2306 American State Govt.	3
United States History*	3
Social & Behavioral Science*	<u>3</u>
	13

The University of Texas at San AntonioFirst Semester at UTSA

EGR 2323 Applied Engineering Analysis I	3
STA 2303 Appl. Prob. & Statistics – Engr.	3
CE 2103 Civil Engineering Measurements	3
EGR 1303 Exploring Engr. Profession	3
EGR 2213 Statics & Dynamics	3
CE 2633 Environmental Engineering	<u>3</u>
	18

Second Semester at UTSA

EGR 3713 Engineering Economic Analysis	3
GEO 4023 Engineering Geology	3
CE 1403 Engineering Communications	3
CE 3103 Mechanics of Solids	3
CE 4123 Highway Engineering	<u>3</u>
	15

Third Semester at UTSA

CE 3213 Reinforced Concrete Design	3
CE 3633 Water/Wastewater Treatment	3
CE 3603 Fluid Mechanics	3
CE 3243 Properties & Behavior of Engineering Materials	3
CE 3113 Structural Analysis	<u>3</u>
	15

Fourth Semester at UTSA

CE 3413 Geotechnical Engineering	3
CE 3713 Civil Engineering Systems Analysis	3
CE 4803 Engineering Practice	3
CE 4603 Water Resources Engineering	<u>3</u>
	12

Fifth Semester at UTSA

CE 4313 Computer Aided Design in CE	3
CE 4813 Civil Engineering Design	3
CE Upper Division Elective**	<u>6</u>
	12

* Satisfies UTSA Core Curriculum requirement. See page "X" for courses or consult an advisor.

** See Page xxx of the UTSA 2000-2002 undergraduate catalog.

Note: Students should be aware that they may be deficient in Math and Science hours.