Architectural Civil Concurrent Degree Curriculum <u>Catalog year FS21 & later</u>, 148 (minimum) Credits, Updated 03/22/21 All students are required to complete an Name:_ Experiential Learning activity prior to graduation. English 1120 FE 1100 Chem 1319 Hist 1200, Math 1214 Chem 1310 Chem 1100 Exposition & Study & Gen. Chem. 1300, 1310 Lab Safety Calc 1 Gen. Chem. cr Argumentation Careers Lab 3 cr 4 cr 4 cr 1 cr 1cr ≥C 3 cr 1 cr This is one possible Econ 1100 or 1200 schedule, showing ME 1720 Phys 1135 Math 1215 how the 2 degrees Intro to Eng. Micro or Macro Physics I Calc 2 could be completed **Economics** Design cr 4 cr 4 cr in 9 semesters. It is 3 cr 3 cr not necessarily the ideal schedule for a specific student. Pre/Co-req Math 1214 Phys 2135 Math 2222 CE 2200 CE 2401 ArchE 2003 17 Physics II Calc 3 Statics Fund. of Surveying Eng. Com. cr 4 cr 4 cr 3 cr ≥C 3 cr ≥C 3 cr Soph. Standing Math 3304 CE 2210 Geo 1110 ArchE 2103 CE 2211 ME 2350 Art 3203 18 Differential Phys. & Enviro. Mechanics of Mat'l & Mat'l **Dynamics** Arch. Design I Equations cr Geology Materials **Testing** Methods 2 cr Spr Only 3 cr 3 cr 3 cr 3cr ≥C 1 cr Spr Only 3 cr Prereq. Math 1215 Pre req.CE 2401 & Phys 1135 & ArchE 2003 CE 3715 ArchE 3804 18 CE 3330 ArchE 3201 CE 3500 ME 2527 Fund. Of Geotech Arch Des. II cr Fluid Mech Struct Anlys. I Thermal Anlys Transportation Eng Fall Only 3 cr ≥C 3 cr ≥C 3cr ≥C 3 cr 3 cr ≥C 3 cr Junior Pre req. Chem 1310 ArchE 4800 Stat 3113 ArchE 3220 CE 3116 CE 2601 Hist 2510 18 (ArchE 5872) App. Eng. Concrete Construction Fund of Hist of Tech cr HVAC I Statistics Design Materials Env Eng 3 cr Spr Only 3 cr 3 cr 3cr ≥C 3cr ≥C 3cr ≥C Prerea. Math 1214 CE 3334 Hist 4550 ArchE 4850 ArchE 3210 Substitute ME CE 4729 Emgt 1210 18 2527 and ArchE 4850 Water Arch., Tech., (ArchE 3803) Design in Foundations cr Eng. Econ & Soc. Bldg. Elec. Sys. Resources Metals for CE 3842 in 3 cr 2 cr ≥C Fall Only 3 cr 4cr ≥C 3cr ≥C CE program 3 cr (A) Α Α ArchE 4448 CE Technical ArchE Technical ArchE Technical ArchE Technical The two CE DEPTH electives Contracts & 15 MUST be in two different Elective Elective Elective Elective Const. Eng Sen areas, and can not be in the cr 3 cr ≥C 3cr ≥C 3cr ≥C 3cr ≥C 3cr ≥C structures or geotechnical (A)Gen Ed Elective FE EXAMREQUIRED ArchE 4010 ArchE 4097 CE Depth CE Depth 13 FOR GRADUATION. **FALLONLY** w/advisor Sr. Design Elective Elective "SR ASSESSMENT" cr **Einalyear** approval **Final Semester** 3 cr ≥C 3cr ≥C ON DEGREE AUDIT 3 cr 1cr ≥C 3cr ≥C Prerequisite. This flowsheet is based on a complete ArchE degree plus the following Civil course: CE 3334, 3500, 2601, Co-requisite. **▲**Key 2 CE depth and 1 CE technical electives & is designed to ASSIST in advising and course selection. Refer All D&Telectives to current catalog for up to date requirements and refer to individual degree audits for official progress. have prereqs