YAŞAR UNIVERSITY CIVIL ENGINEERING PREREQUISITE FLOW CHART

SOFL 1101 MATH 1101 SE 1115 MATH 1131 PHYS 1121 FALL English for Academic Calculus-I Physics-I **Analytical Reasoning** Introduction to **Programming** Purposes I **PHYS 1122 CHEM 1120 ENGR 1120 SOFL 1102 MATH 1132 SPRING** Engineering **Computer Aided** Calculus-II **English for Academic** Physics-II Chemistry and Drawing Purposes II **Materials** *SOFL 1101 *MATH 1131 **CE 2201 CE 2203 MATH 2263 MATH 2230 TURK 1110 HIST 1110 FALL** Differential Computational Turkish I Ataturk's Principles **Construction of Statics Equations and** and Hist of Turkish Methods in **Materials** Dynamical Rev I Engineering **Systems** *MATH 1131 *MATH 1131 *CHEM 1120 *PHYS 1121 **MATH 2240 ECON 3300 HIST 1210 CE 2202 CE 2206 TURK 1210 UFND 7010 SPRING** Strength of Fluid Mechanics Introduction to Probability and Turkish-II Ataturk's Principles Social **Materials** Engineering Statistics for and Hist of Turkish Responsibility **Economics Engineers** Rev II *CE 2203 *MATH 1132 **CE 2203 **ENGR 3450** CE 3301 **CE 3303 CE 3305 ISG 9110 SOFL 1302 FALL Hvdromechanics Project** Introduction to Soil Mechanics Occupational **English for** Management Academic and Prof. Structural Analysis Health and Safety I Communucation **CE 2203 **CE 2206 CE 3304 **CE 3306 CE 3302 CE 3308** ISG 9210 **UFND 6120 SPRING** Introduction to Entrepreneurship Structural Steel Foundation Reinforced Occupational **Transportation** and Business Engineering Concrete Design Health and Safety Engineering Planning Design **CE 2201 **CE 2201 *CE 3305 **PHYS 1121 **CE 2202 **CE 2202 CE 4910 **CE 44XX** CE 4811 **ENGR 4400 CE 44XX FALL Area Elective** Internship **Engineering Ethics Area Elective** Senior Design Project I and Seminar *Specific *CE 2202 *ISG 9110 *Specific Course Course *150 ECTS Credits **Prerequisite Prerequisite** *Passed from at least one of the following 3 courses: CE 3301/CE3303/CE3305 **CE 44XX CE 44XX** CE 4920

Senior Design

Project II

*CE 4910

Area Elective

*Specific

Course

Prerequisite

University Elective

University Elective

Area Elective

*Specific

Course

Prerequisite

SPRING

^{*}At least have obtained a letter grade of D
**To have attended the course

AREA ELECTIVES

CE 4401

Structural Design: Reinforced Concrete CE 4402

Hydrology

CE 4403

Introduction to Coastal Hydraulics

CE 4404

Structural Design: Steel Structures

CE 4405

Computer Applications in Structural Engineering

*CE 2206

*CE 3304

*CE 3301

CE 4406

*CE 3302

Advanced Structural Analysis

CE 4407

Matrix Analysis

*CE 3301

CE 4408

Structural Dynamics

CE 4409

Introduction to Geotechnical Earthquake Engineering CE 4410

Introduction to Earthquake Engineering

*CE 3305

*CE 3302

*CE 3301

CE 4411 CE

Earthquake Resistant Design of Structures CE 4412

Water Resources

CE 4810

Special Topics

*CE 3302

*CE 2206

^{*}At least have obtained a letter grade of D