



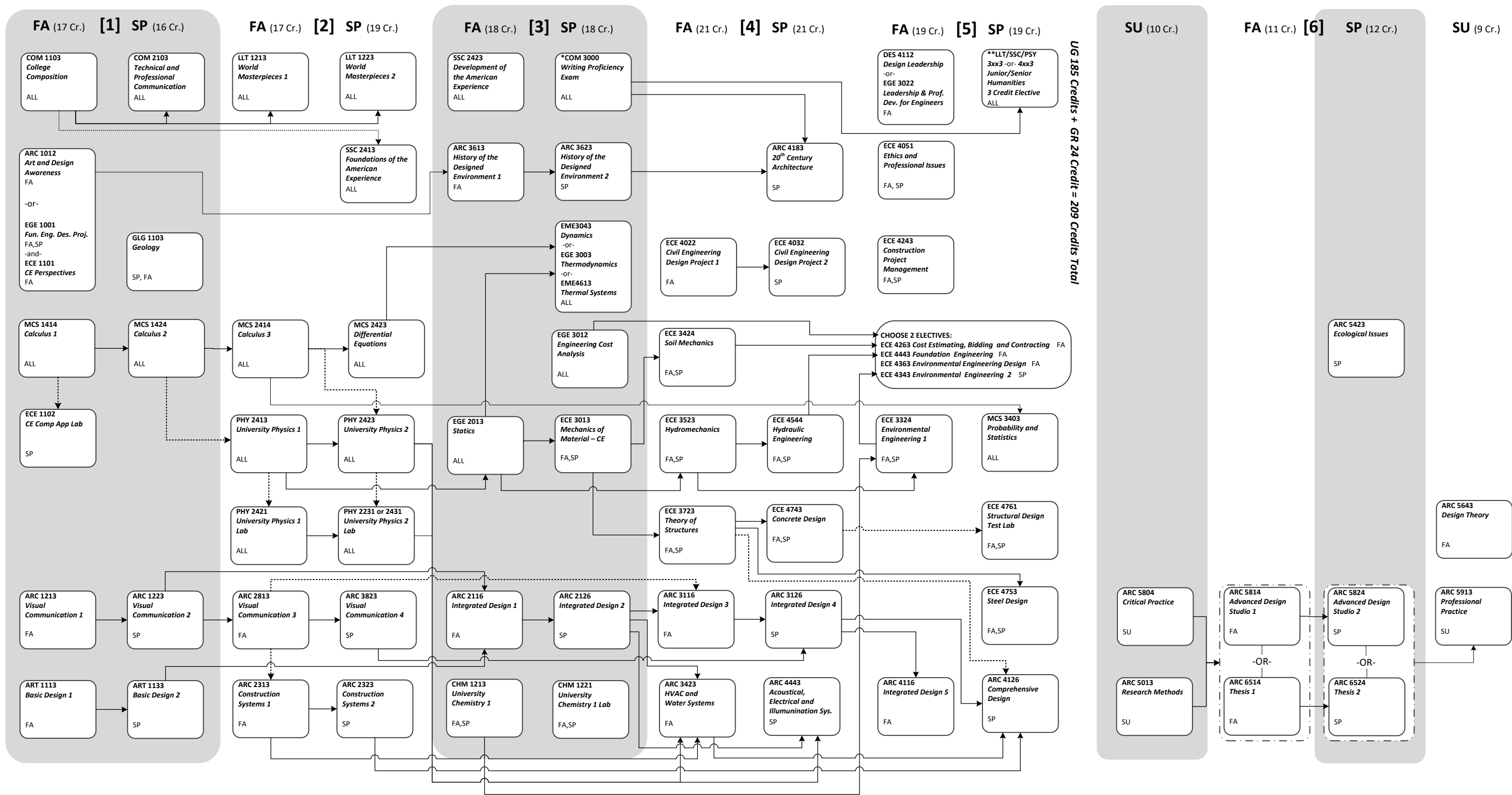
Dual Degree: MASTER of ARCHITECTURE and BACHELOR of SCIENCE in CIVIL ENGINEERING

Progression Flowchart 2018-19 Catalog of Entry

NAME _____
STUDENT # _____ DATE _____

LAWRENCE TECHNOLOGICAL UNIVERSITY

College of Architecture and Design



UG 185 Credits + GR 24 Credit = 209 Credits Total

KEY:
 ———> Pre-requisite
 - - - - -> Co-requisite
 - - - - -> Co-requisite or Pre-requisite

Semesters Courses are Offered:
 FA=Fall; SP=Spring; SU=Summer;
 ALL=Fall, Spring and Summer

*Students are eligible to take **COM 3000** once they have completed and/or have transfer credit for 3 of the following courses:
 LLT 1213 World Masterpieces I
 LLT 1223 World Masterpieces II
 SSC 2413 Foundations of the American Experience
 SSC 2423 Development of the American Experience

DEPARTMENT OF CIVIL AND ARCHITECTURAL ENGINEERING
Course Completion Log
B.S. Dual Degree in Architecture and Civil Engineering (185 credit hours)

Student Name: _____ Semester/Year of Entry _____

Student Number: _____

Course Number and Title:	Grade	D.Cr.
COM1103 College Composition {ALL}		
COM2103 Tech & Prof. Com {ALL}		
COM3000 Writing Prof. Exam {ALL}		
LLT1213 World Masterpieces 1 {ALL}		
LLT1223 World Masterpieces 2 {ALL}		
SSC2413 Found Amer Exper. {ALL}		
SSC2423 Devel. Amer Exper. {ALL}		
LLT/SSC/PSY 3xx3/4xx3 Jr/Sr Elective {ALL}		
CHM1213 Univ. Chemistry 1 {ALL}		
CHM1221 Univ. Chemistry 1 Lab {ALL}		
GLG1103 Geology {F, SP}		
PHY2413 Univ. Physics 1 {ALL}		
PHY2421 Univ. Physics 1 Lab {ALL}		
PHY2423 Univ. Physics 2 {ALL}		
PHY2231 Univ. Physics 2 Lab {ALL} OR		
PHY2431 College Physics 2 Lab {ALL}		
MCS1414 Calculus 1 {ALL}		
MCS1424 Calculus 2 {ALL}		
MCS2414 Calculus 3 {ALL}		
MCS2423 Differential Equations {ALL}		
MCS3403 Prob. and Statistics {ALL}		
ECE1102 C.E. Comp Appl Lab {SP}		
EGE2013 Statics {ALL}		
EGE3012 Engr. Cost Analysis {ALL}		
ECE3013 Mech.of Mat. for Civil Engineers {F, SP}		
Engr. Science Elective (3 credits)		
EGE3003 Thermodynamics {ALL} OR		
EME3043 Dynamics {ALL} OR		
EME4613 Introduction to Thermal Systems (Non-ME) {ALL}		
ECE3324 Environmental Engr. 1 {F, SP}		
ECE3424 Soil Mechanics {F, SP}		
ECE3523 Hydromechanics {F, SP}		
ECE3723 Theory of Structures {F, SP}		
EGE3022 Leadership & Prof. Dev. for Engineers {F, SP} OR DES4112 Design Leadership {F}		

Course Number and Title:	Grade	D.Cr.
ECE4022 CE Design Project 1 {F}		
ECE4032 CE Design Project 2 {SP}		
ECE4051 Ethics & Prof. Issues {F, SP}		
ECE4243 Construc. Proj. Mgmt. {F, SP}		
ECE4544 Hydraulic Engr. {F, SP}		
ECE4743 Concrete Design {F, SP}		
ECE4753 Steel Design {F, SP}		
ECE4761 Struct. Dsn & Test Lab {F, SP}		
Technical Electives (6 credits)		
ECE4263 Cost Est, Bid & Con {F}		0
ECE4343 Environ. Engr. 2 {SP}		1
ECE4363 Environ. Eng. Design {F}		3
ECE4443 Foundations Engr. {F}		3
ECE4011 CE Design Competition 1		
ECE4012 CE Design Competition 2		0
ARC1012 Art/Architecture Awareness OR [EGE1001 Fund. of Engr. Design Project & ECE1011 CE Perspective] {F, SP}		
ART1113 Basic Design 1		
ART1133 Basic Design 2		
ARC1213 Visual Comm 1		
ARC1223 Visual Comm 2		
ARC2813 Visual Comm 3		
ARC3813 Visual Comm 4		
ARC2116 ID 1		
ARC2126 ID 2		
ARC3116 ID 3		
ARC3126 ID 4		
ARC4116 ID 5		
ARC3613 Hist. Design Enviro. 1		
ARC3623 Hist. Design Enviro. 2		
ARC2313 Construct. Syst. 1 (Bldg. Sys.)		
ARC2323 Construct. Syst. 2 (Bldg. Sys.)		
ARC3423 HVAC & Water Systems		
ARC4443 Acoust. Elect. Illum Sys.		
ARC4183 20th Century Arch.		
ARC4126 Comprehensive Design		

Substitutions:
