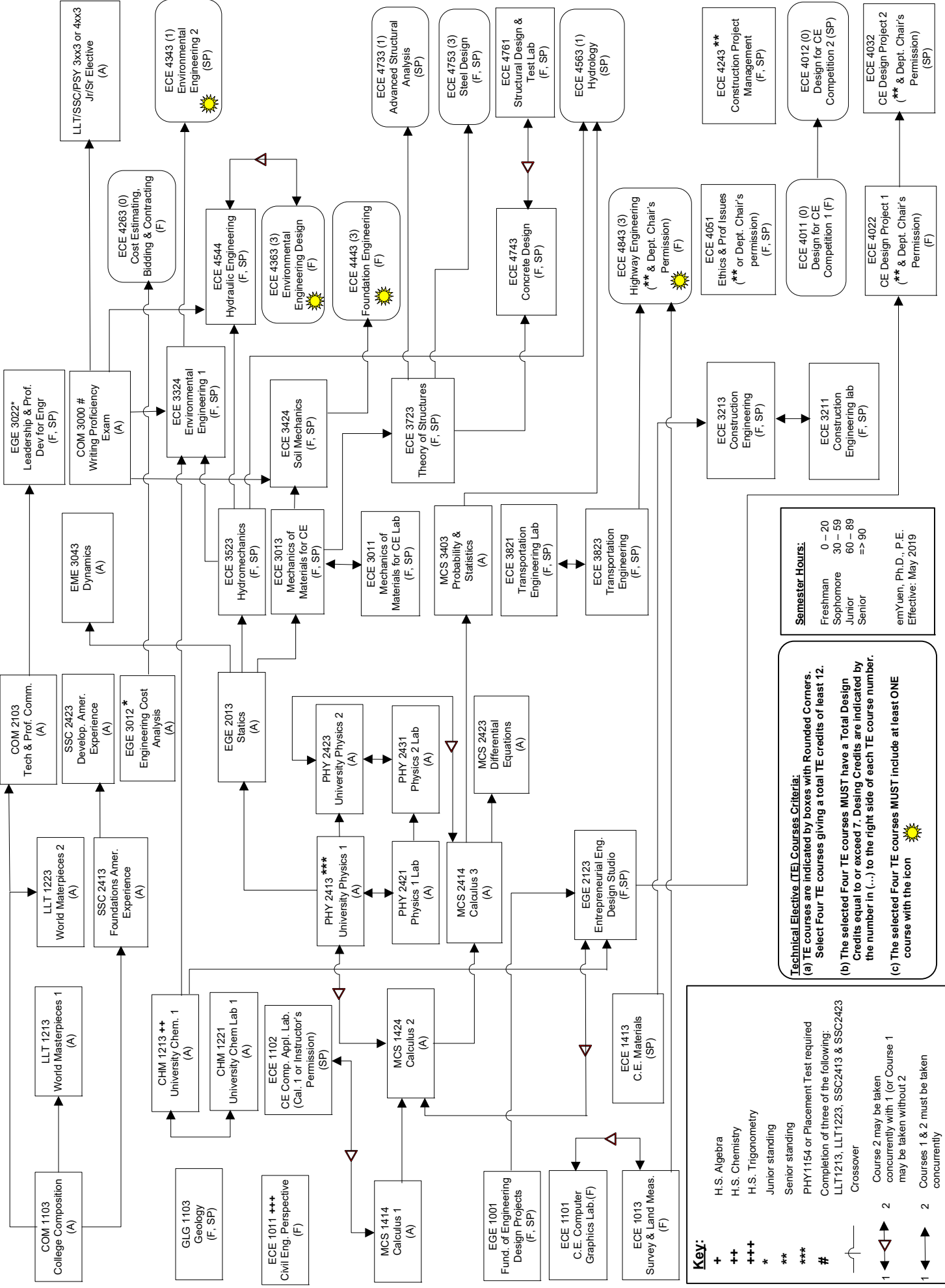


Freshman Year

Sophomore Year

Junior Year

Senior Year



Key:

- + H.S. Algebra
- ++ H.S. Chemistry
- +++ H.S. Trigonometry
- * Junior standing
- ** Senior standing
- *** PHY 1154 or Placement Test required
- # Completion of three of the following:
LLT1213, LLT1223, SSC2413 & SSC2423
- Crossover
- Course 2 may be taken concurrently with 1 (or Course 1 may be taken without 2)
- 1 ← → 2 Courses 1 & 2 must be taken concurrently

Technical Elective (TE) Courses Criteria:

- (a) TE courses are indicated by boxes with rounded corners. Select Four TE courses giving a total TE credits of at least 12.
- (b) The selected Four TE courses MUST have a Total Design Credits equal to or exceed 7. Design Credits are indicated by the number in (...) to the right side of each TE course number.
- (c) The selected Four TE courses MUST include at least ONE course with the icon

Semester Hours:

- Freshman 0 – 20
- Sophomore 30 – 59
- Junior 60 – 89
- Senior => 90

em'uen, Ph.D., P.E.
Effective: May 2019

Department of Civil and Architectural Engineering
Course Completion Log
Bachelor of Science in Civil Engineering (132 credits)

Student Name _____

Advisor _____

Student No. _____

Semester/Year of Entry _____

Course Number & Title	Grade
Freshman Year - 1st Semester	
COM1103 College Comp {ALL}	
EGE1001 Fund. of Engr Design Project {F, SP}	
ECE1101 CE Computer Graphics Lab {F}	
MCS1414 Calculus 1 {ALL}	
ECE1011 CE Perspectives {F}	
ECE1013 Surveying & Land Measure {F}	
GLG1103 Geology {F, SP}	

Course Number & Title	Grade
Freshman Year - 2nd Semester	
LLT1213 World Masterpieces 1 {ALL}	
ECE1413 CE Materials {SP}	
ECE1102 CE Comp. Appl Lab {SP}	
MCS1424 Calculus 2 {ALL}	
CHM1213 University Chemistry 1 {ALL}	
CHM1221 University Chemistry 1 Lab {ALL}	

Sophomore Year - 1st Semester	
EGE2123 Entrep. Engr. Dsn. Studio {F, SP}	
LLT1223 World Masterpieces 2 {ALL}	
PHY2413 University Physics 1 {ALL}	
PHY2421 University Physics 1 Lab {ALL}	
MCS2414 Calculus 3 {ALL}	
SSC2413 Foundation of Amer. Exp. {ALL}	

Sophomore Year - 2nd Semester	
COM2103 Tech. & Prof. Comm. {ALL}	
EGE2013 Statics {ALL}	
PHY2423 University Physics 2 {ALL}	
PHY2431 University Physics 2 Lab {ALL}	
MCS2423 Differential Equations {ALL}	
SSC2423 Devel. of Amer. Exp. {ALL}	
EGE3012 Engineering Cost Analysis {ALL}	

Junior Year - 1st Semester	
ECE3523 Hydromechanics {F, SP}	
ECE3013 Mechanics of Mat'ls - CE {F, SP}	
ECE3011 Mechanics of Mat'ls - CE Lab {F, SP}	
ECE3823 Transportation Engr. {F, SP}	
ECE3821 Transportation Engr. Lab {F, SP}	
EME3043 Dynamics {ALL}	
MCS3403 Probability & Statistics {ALL}	

Junior Year - 2nd Semester	
ECE3424 Soil Mechanics {F, SP}	
ECE3723 Theory of Structures {F, SP}	
ECE3213 Construction Engineering {F, SP}	
ECE3211 Construction Engr. Lab {F, SP}	
ECE3324 Environmental Engr. 1 {F, SP}	
<i>Note: Take WPE on completion of three of the following: LLT1213, LLT1223, SSC2413 & SSC2423</i>	
COM3000 Writing Proficiency Exam {ALL}	
EGE3022 Leadership & Prof. Dev. for Engr.	

Senior Year - 1st Semester	
ECE4022 CE Design Project 1 {F}	
ECE4743 Concrete Design {F, SP}	
ECE4544 Hydraulic Engineering {F, SP}	
ECE4051 Ethics & Prof. Issues {F, SP}	

Senior Year - 2nd Semester	
ECE4032 CE Design Project 2 {SP}	
ECE4761 Structural Dsn Test Lab {F, SP}	
ECE4243 Construction Project Mgmt. {F, SP}	
LLT/SSC/PSY 3xx3/4xx3 Jr/Sr Elective {ALL}	

Technical Electives (12 Credits)

Numbers in parenthesis are design credits, which should total 7

ECE4263 Cost Estimating (0) {F}	
ECE4443 Foundation Engr (3) {F}	
ECE4363 Environ. Engr. Design (3) {F}	
ECE4843 Highway Engr. (3) {F}	
ECE4011 CE Design Competition 1 (0) {F}	

ECE4343 Environmental Engr. 2 (1) {SP}	
ECE4563 Hydrology (1) {SP}	
ECE4733 Adv. Struct. Analysis (1) {SP}	
ECE4753 Steel Design (3) {F, SP}	
ECE4012 CE Design Competition 2 (0) {SP}	

Substitutions

