

Fall                      Spring

non-ECE class      **(x)**: # of residency credits  
 ECE class              abc/xyz: alternatives  
 potential ECE class    abc+xyz: corequisites  
 prerequisite

- MATH 151/153/191**  
Calculus I
- CHEM 159 + 171**  
General Chemistry for Engineers + Lab
- Writing 101**  
Expository Writing
- PHY 123**  
Physics IA
- ENG 100**  
Engineering Orientation
- 100 or above**  
Humanities or Social Science

- MATH 152/154/192**  
Calculus II
- ENG 221**  
Engineering Mechanics: Statics
- PHYSICS 124/116/201/203/271**  
Physics IB
- ENG 127**  
Intro to Computers
- 100 or above**  
Humanities or Social Science

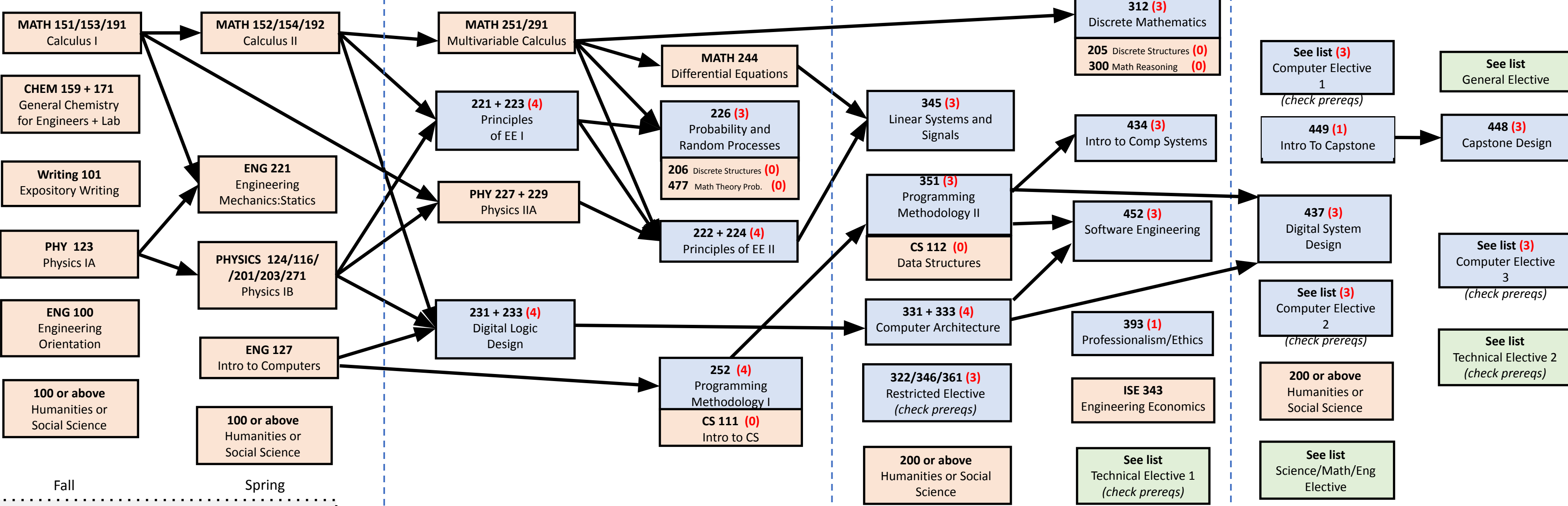
- MATH 251/291**  
Multivariable Calculus
- 221 + 223 (4)**  
Principles of EE I
- PHY 227 + 229**  
Physics IIA
- 231 + 233 (4)**  
Digital Logic Design

- MATH 244/252**  
Differential Equations
- 226 (3)**  
Probability and Random Processes
- 206 Discrete Structures (0)**  
**477 Math Theory Prob. (0)**
- 222 + 224 (4)**  
Principles of EE II
- 252 (4)**  
Programming Methodology I
- CS 111 (0)**  
Intro to CS

- 312 (3)**  
Discrete Mathematics
- 205 Discrete Structures (0)**  
**300 Math Reasoning (0)**
- 345 (3)**  
Linear Systems and Signals
- 361 + 363 (4)**  
Electronic Devices
- 331 + 333 (4)**  
Computer Architecture
- 351/423/424 (3)**  
Restricted Elective (check prereqs)
- 200 or above**  
Humanities or Social Science

- 312 (3)**  
Discrete Mathematics
- 205 Discrete Structures (0)**  
**300 Math Reasoning (0)**
- 346 + 348 (4)**  
Digital Signal Processing
- 366 + 368 (4)**  
Digital Electronics
- 393 (1)**  
Professionalism/Ethics
- ISE 343**  
Engineering Economics

- See list**  
Technical Elective 1 (check prereqs)
- 449 (1)**  
Intro To Capstone
- See list (3)**  
Electrical Elective 1 (check prereqs)
- See list (3)**  
Electrical Elective 2 (check prereqs)
- 200 or above**  
Humanities or Social Science
- See list**  
Science/Math/Eng Elective
- See list**  
General Elective
- 448 (3)**  
Capstone Design
- See list (3)**  
Electrical Elective 3 (check prereqs)
- See list**  
Technical Elective 2 (check prereqs)



**Legend:**

- non-ECE class
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- (x):** # of residency credits
- abc/xyz:** alternatives
- abc+xyz:** corequisites

2<sup>nd</sup> Year

3<sup>rd</sup> Year

4<sup>th</sup> Year

# CE Track Course Plan