

Academic Area Courses for Program of Study

(Last revised: 09/2012)

1. Electrical Engineering (EE) Majors

Bioengineering

BioE 450, BioE 428, GDCB 542, BIOL 436, BIOL 423, GDCB 536, Stat 565, PHYS 532, PHYS 461, BIOL 444, CprE 567, CprE 570

Communications and Signal Processing

EE 520, EE 521, EE 523, EE 524, EE 527, EE 528, EE 545, EE 547, EE 573, EE 621, EE 622

Electric Power and Energy Systems

EE 552, EE 553, EE 554, EE 559, EE 653

Electromagnetics, Microwave, and Nondestructive Evaluation

EE 510, EE 511, EE 512, EE 513, EE 514, EE 516, EE 517, EE 518, EE 519, EE 539, EE 588

Microelectronics and Photonics

EE 530, EE 532, EE 535, EE 536, EE 538

Systems and Controls

EE 565, EE 566, EE 571, EE 574, EE 575, EE 576, EE 577, EE 578

VLSI (EE or CprE majors)

CprE/EE 501, CprE/EE 504, CprE/EE 505, CprE/EE 506, CprE/EE 507, CprE/EE 508, CprE/EE 509X, CprE 564, CprE 564, CprE 566

2. Computer Engineering (CprE) Majors

Computing and Networking Systems

CprE 511, CprE 526, CprE 541, CprE 542, CprE 543, CprE 545, CprE 546, CprE 547, CprE 550, CprE 554, CprE 558, CprE 581, CprE 582, CprE 583, CprE 584, CprE 588, CprE 626, CprE 681

Secure and Reliable Computing

CprE 530, CprE 531, CprE 532, CprE 534, CprE 536, CprE 537

Software Systems

CprE 511, CprE 525, CprE 526, CprE 528, CprE 546, CprE 550, CprE 554, CprE 556, CprE 557, CprE 558, CprE 582, CprE 626