

University of Colorado Denver - Electrical Engineering - BS

	Term 1 - 15 Credits	Term 2 - 16 Credits	Term 3 - 18 Credits	Term 4 - 15 Credits	Term 5 - 17 Credits	Term 6 - 16 Credits	Term 7 - 16 Credits	Term 8 - 15 Credits
Electrical Core (39)	ELEC 1510 Digital Logic (3)	ELEC 1520 Programming for EE (3)		ELEC 2520 Embedded Systems (3)		ELEC 3520 IOT & Cyber-Physical (3)	ELEC Specialty (3)	ELEC Specialty (3)
Significant changes								
New course		ELEC 2531 Logic Design (1)						
Electrical Advanced (18)			ELEC 2132 Circuit Analysis I (3)	ELEC 2142 Circuit Analysis II (3)	ELEC 3225 Electronics (4)	ELEC 3701 Machine Learning (3)	ELEC Specialty (3)	ELEC Professional (3)
				ELEC 2651 Signal Processing (3)	ELEC 3316 Signals & Systems (3)	ELEC 3900 Circuit Design & Fab Lab (3)	ELEC Specialty Lab (1)	ELEC Specialty (3)
				ELEC 3133 Electromagnetic Fields (3)	ELEC 3817 Engineering Probability & Stats (3)	ELEC Specialty (3)		
Electrical Lab Sequence (7)					ELEC 3164 Energy Systems (3)	ELEC Specialty Lab (1)	ELEC 4309 Senior Design Project I (3)	ELEC 4319 Senior Design Project II (3)
					ELEC 3724 EnergySystems Lab (1)			
Math Core (16)	MATH 1401 Calculus I (4)	MATH 2411 Calculus II (4)	MATH 3195 Linear Algebra & Differential Equations (4)	MATH 2421 Calculus III (4)				
Science Core (14)	ENGR 1130 Chemistry for Engineers (5)	PHYS 2311/2321 General Physics I & Lab (5)	PHYS 2331 General Physics II (4)					
Engineering Core (6)	ENGR 1200 Intro Engineering Design (3)						ENGR 3400 Technology and Culture (3)	
General Core (21)		ENGL 1020 Composition I (3)	ENGL 2030 Composition II (3)	Core Curriculum Course (3)	Core Curriculum Course (3)	Core Curriculum Course (3)	Core Curriculum Course (3)	Core Curriculum Course (3)