

Course Subject and Title	Cr	Pre-Admit Req	Gen. Ed (Prev. Core)	Can be taken at CNM	Min. Grade	CNM equivalent	Course Subject and Title	Cr	Pre-Admit Req	Gen. Ed (Prev. Core)	Can be taken at CNM	Min. Grade	CNM equivalent
Semester One:							Semester Two:						
ENGL 1120 [120]: Composition II	3	Y	COMM	Y	C	ENGL 1102	MATH 1522 [163]: Calculus II	4	Y	GE-Choice	Y	C	MATH 1715
MATH 1512 [162]: Calculus I	4	Y	MTH	Y	C	MATH 1710	PHYS 1320 [161]: Calc-based Phys II	3	*	PNS	Y	C	PHYS 1810
PHYS 1310 [160]: Calc-based Phys I	3	*	GE-Choice	Y	C	PHYS 1710	PHYS 1320L [161L]: Calc-based Phys II Lab	1	*	PNSL	Y	C	PHYS 1892
ECE 101: Intro to ECE	1	*		N	C		ECE 231L: Intermediate Programming	4	*		Y	C	CIS 2277
ECE 131L: Prog. Fundamentals	4	*		Y	C	CSCI 1151 or CIS 1275+2275	Communication Elective	3		COMM	Y	C	See audit for options
PHYS 1311: Problems in PHYS I	1			N/A	N/A	Recommended	PHYS 1321: Problems in PHYS II	1			N/A	N/A	Recommended
Total:	15						Total:	15					
Required Advisement: Attend orientation follow-up appointment and Intro to UNM Workshop							Required Advisement: Attend Degree Planning Workshop						
Things to Consider: Attend SOE Career Fair							Things to Consider: Join a student organization ess.unm.edu, ieee.unm.edu						
Semester Three:							Semester Four:						
ECE 203: Circuits I	3	*		Y	C	ENGR 2910 or ELEC 1004	ECE 213: Circuits II	3	*		Y	C	ENGR 2915
ECE 238L: Computer Logic Design	4	*		N	C		ECE 300: Advanced Eng. Mathematics	4			Y	C	MATH 2810 + 2910
Basic Science with Laboratory	4	*		Y	C	See audit for options	ECE 206L: Instrumentation	2	*		Y	C	ELEC 1092
ENG 220: Eng., Business & Society	3			N	C		ECE 330: Software Design <i>Spring Only</i>	3			N	C	
ECON 2110/2120[105/106]: Macro or Mico	3		SB	Y	C	ECON 2200/2201	MATH 2530 [264]: Calculus III	4	*		Y	C	MATH 2710
Total	17						Total	16					
Required Advisement: Attend Department Orientation, or Pre-major Advisement.							Required Advisement: Attend Faculty Advisement						
Things to Consider: study abroad, or national exchange geo.unm.edu							Things to Consider: Summer Internships						
Semester Five:							Semester Six:						
ECE 314L: Signals and Systems	4			N	C		ECE 331: Data Structure Alg. <i>Spring Only</i>	3			N	C	
ECE 321L: Electronics I <i>Fall Only</i>	4			N	C		ECE 344L: Microprocessors	4			N	C	
ECE 340: Probabilistic Methods	3			N	C		ECE 341: Intro to Comm. Systems	3			N	C	
MATH 327: Discrete Structures	3			N	C		ECE 335: Integ. Software Syst. <i>Spring Only</i>	3			N	C	
Second Language #	3		LANG	Y	C	See audit for options	Total	13					
Total	17						Required Advisement: Attend Faculty Advisement						
Required Advisement: Attend Faculty Advisement							Apply for graduation. Schedule an appointment with an Academic Advisor						
Things to Consider: 4+1 Shared Credit													
Semester Seven:							Semester Eight:						
ECE 419: Senior Design I	3			N	C		ECE 420: Senior Design II	3			N	C	
ECE 437: Operating Systems	3			N	C		ECE 440: Comp Networks	3			N	C	
ECE 338: Intm. Logic Design	3			N	C		Art and Design Elective	3		AD	Y	C	See audit for options
ECE Tech. Elective (400-level ECE)	3			N	C	See audit for options	Diversity	3			Y	C	See audit for options
Humanities Core #	3		HUM	Y	C	See audit for options	Total	12					
Total	15						Required Advisement: Attend Faculty Advisement						
Required Advisement: Attend Faculty Advisement							Sign up for commencements/convocation graduation.unm.edu						
Things to Consider: Apply for Graduate School, start gathering letters of recommendation													
Degree Total								120					

