

NC Community College Four-Year Baccalaureate Degree Plan
Schedule for Full-Time Students Revised Spring 2023
Pursuing AS Degree & transfer into Electrical Engineering (BS) at NCSU.
(Placed Out Of All Developmental Courses)

North Carolina State University **strongly recommends** students complete their Associate's degree prior to transferring to NCSU. Pathways are structured for students who have completed all requirements for their Associate's degree and [qualify for the CAA](#). **Students will need to complete E 115, ECE 109 and ECE 200 (8 hours total credit) at NC State summer school prior to matriculation in the Fall. For more information please contact engineering@ncsu.edu.**

Community College First Semester			
NC CC Course	Hours	NC State Equivalent	Notes
ENG 111	3	ENG 101	ENG 101, University Writing Requirement
MAT 271	4	MA 141	Calculus I, Major Requirement
CHM 151	4	CH 101 & CH 102	General Chemistry I/Lab, Major Requirement
ECO 251	3	EC 201	Microeconomics, Major Economics Requirement
ACA 122	1	TR ***	Transfer Credit
TOTAL	15 credit hours		

Community College Second Semester			
NC CC Course	Hours	NC State Equivalent	Notes
ENG 112	3	ENG 1**	ENG 111 + ENG 112 = ENG 101 + ENG 1**
MAT 272	4	MA 241	Calculus II, Major Requirement
PHY 251	4	PY 205 & PY 206	Physics I/Lab, Major Requirement
EGR 150	2	E ***	Engineering Elective, Departmental Substitution for E 101
DFT 170	3	GC 120	
TOTAL	16 credit hours		

THIS SHEET IS FOR ADVISING PURPOSES ONLY. Students should work with their Advisor to determine course selections that will result in the greatest transferrable credit, for the intended program, upon transfer to the four-year school. **Following the Baccalaureate Degree Plan does not guarantee admission to NC State University or guarantee an AS degree or BS degree will be conferred.**

Community College Third Semester			
NC CC Course	Hours	NC State Equivalent	Notes
MAT 273	4	MA 242	Calculus III, Major Requirement
PHY 252	4	PY 208 & PY 209	Physics II/Lab, Major Requirement
HUM 110	3	STS 214	Dept. Recommendation, may choose other UGETC/GENED/transfer course as appropriate
COM 231	3	COM 110	Public Speaking, Major Requirement
UGETC HUM	3	Varies	Recommended: ENG 231 or 232, PHI 215, PHI 240
TOTAL	17 credit hours		

Community College Fourth Semester			
NC CC Course	Hours	NC State Equivalent	Notes
MAT 280 or MAT 285	3	MA 305 or MA 341	Departmental recommendation, strong foundational course
EGR 220	3	MAE 206	Open/Tech Elective
COM 231	3	COM 110	Public Speaking, Major requirement
PSY 150/SOC 210	3	PSY 200/SOC 202	May choose other UGETC SS based on academic or professional interests
TOTAL	12 credit hours		

Recommendations for Competitive Applicants & Program Notes:

- > Minimum 3.0 cumulative GPA
- > English Composition I & II equal to NC State's ENG 101
- > 8 semesters Calculus equal to NC State's MA 141 & MA 241 (C+ or better in each recommended)
- > Calculus-based Physics equal to NC State's PY 205 & 206
- > General Chemistry & Lab equal to NC State's CH 101 & 102
- > Please contact the College of Engineering at 919-515-3263 or engineering@ncsu.edu for additional requirements and recommendations

NC STATE UNIVERSITY

Schedule of Courses for the Electrical Engineering (BS) (14EEBS)

Students will need to complete E 115, ECE 109 and ECE 200 (8 hours total credit) at NC State summer school prior to matriculation in the Fall. For more information please contact engineering@ncsu.edu.

Junior Fall		Junior Spring	
ECE 209	3	ECE 301	3
ECE 212	3	ECE 302	3
Open/Tech Elective	3	ECE 3**	3
ECE 211	4	ECE 3**	3
ENG 331	3	ECE 380,381 or 383	1
TOTAL HOURS	16	TOTAL HOURS	13

Senior Fall		Senior Spring	
ECE 484	3	ECE 4**	3
ECE 4**	4	ECE 485	3
ECE 303	3	ECE 4**	3
ST 371	3	ECE 4**	3
TOTAL HOURS	12	TOTAL HOURS	12

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- Please refer to NC State Undergraduate Admissions for more information on admission to NC State and the transfer of credits to NC State:

<http://admissions.ncsu.edu/transfer-students>