

NC Community College Four-Year Baccalaureate Degree Plan
 Schedule for Full-Time Students Revised Fall 2018
 Pursuing AS Degree & transfer into **Civil 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](#).

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	Departmental Substitution for TDE 220, Major Requirement
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.

Note 4-semester outline based upon no pre-requisites classes required.

- **Students should seek academic advising to determine the best courses and sequence to meet their educational goals and degree requirements.**
- **Following the Baccalaureate Degree Plan does not guarantee admission to NC State University or guarantee an AS degree or BS degree will be conferred.**
- **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/>**

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	GEP Requirement, Dept. Recommendation
UGETC/GenEd	3	Variable	GEP requirement
ENG 231	3	ENG 265	American Lit I, GEP Humanities (may choose other appropriate UGETC Humanities or Fine Arts)
TOTAL	17 credit hours		

Community College Fourth Semester			
NC CC Course	Hours	NC State Equivalent	Notes
MAT 285/280	3	MA 341 or MA 305	Major Requirement filled by either MA 341 or MA 305
EGR 220	3	MAE 206	Departmental Substitution for CE 214, Major Requirement
COM 231	3	COM 110	Public Speaking, GEP Humanities (may choose other appropriate UGETC Humanities or Fine Arts)
PSY 150	3	PSY 200	PSY 200, GEP Social Science (may choose other appropriate UGETC Social Science)
TOTAL	12 credit hours		

Recommendations for Competitive Applicants & Program Notes:

- > Minimum 3.5 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
- > 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. Requirements subject to change and meeting requirements does not guarantee admission to program.

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NC STATE UNIVERSITY

Schedule of Courses for the Civil Engineering (BS) (14CEBS) Curriculum for Fall 2018

Junior Fall		Junior Spring	
CE 250: Intro Sustainable Infrastructure	3 hours	CE Core Course Lab	3-4 hours
CE 225: Solid Mechanics	3 hours	CE Core Course Elective	3 hours
MSE 200: Mech Prop/Struct Mat	3 hours	CE Junior Elective I	3 hours
E 115: Intro Computing Environments	1 hour	ST 370: Probability/Statistics for Engr.	3 hours
CSC 111: Python	3 hours	CE 282 : Hydraulics	3 hours
Basic Science Elective	3 hours		
Total Hours	16 hours	Total Hours	15 Hours

Senior Fall		Senior Spring	
CE Core Course Lab	3-4 hours	CE Senior Elective II	3 hours
CE Core Course Elective	3 hours	CE Senior Elective III	3 hour
CE Junior Elective II	3 hours	CE Senior Elective IV	3 hours
Engineering Science Elective	3 hours	CE Senior Elective	3 hours
CE Senior Elective I	3 hours	CE Senior Design	3 hours
		ENG 331: Comm for Engr/Tech	3 hours
Total Hours	15 hours	Total hours	18 Hours

Total Hours, Associate of Science: 60

Total Hours, BS Computer Science: 64