

NC Community College Four-Year Baccalaureate Degree Plan

Schedule for Full-Time Students Revised Fall 2019

Pursuing **AS Degree** & transfer into Polymer & Color Chemistry, ACS Certification Concentration (BS) at NCSU.

(Placed Out Of All Developmental Courses)

Pathways are structured for students who have completed all requirements for their associate degree and [qualify for the CAA](#). The NC State Wilson College of Textiles strongly recommends that you contact a transfer advisor prior to beginning this this BDP. Students who do not place into Calculus I (MAT 271) should consult advisors at both institutions for alternative course choices.

Community College First Semester			
NC CC Course	Hours	NC State Equivalent	Notes
ENG 111	3	ENG 101	ENG 101, University Writing Requirement
UGETC Social Science	3	Varies	GEP Social Science Requirement
MAT 271	4	MA 141	Calculus I, Major Requirement
Transferrable Course	4	Varies	Work with your advisor to select an appropriate course
ACA 122	1	TR ***	Transfer Elective 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** (2 hours)
MAT 272	4	MA 241	Calculus II, Major Requirement
UGETC HUM/FA	3	Varies	GEP Humanities Requirement
CHM 151	4	CH 101/102	General Chemistry I & lab, Major Requirement
Transferrable Course	3	Varies	Work with your advisor to select an appropriate course
TOTAL	17 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
ECO 251	3	EC 201	Microeconomics, Major Advised Elective Option
CHM 152	4	CH 201/202	Quantitative Chemistry & Lab, Major Requirement
MAT 273	4	MA 242	Calculus III, Major Requirement
PHY 251	4	PY 205 & 206	Physics I, Major Requirement
TOTAL	15 credit hours		

Community College Fourth Semester			
NC CC Course	Hours	NC State Equivalent	Notes
UGTEC HUM/FA	3	Varies	GEP Humanities Requirement
PHY 252	4	PY 208 & 209	Physics II, Major Requirement
MAT 285	3	MA 341	Applied Differential Equations, Major Requirement
UGTEC HUM/FA or SS	3	Varies	GEP Additional Breadth Requirement
TOTAL	13 credit hours		

Recommendations for Competitive Applicants & Program Notes:

NC State Undergraduate Admissions employs a holistic approach in reviewing transfer students' applications and considers a range of accomplishments and qualifications. Recommended courses and GPA are major critical path courses or departmental recommendations and are not minimum requirements for **transfer admissions**.

- > Minimum 2.4 cumulative GPA
- > English Composition I & II equal to NC State's ENG 101
- > College-level Calculus equal to NC State's MA 141
- > College Chemistry with lab equal to NC State's CH 101/102

> This BDP Requires 5 semesters of coursework at NC State

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NC STATE UNIVERSITY

Schedule of Courses for the Polymer & Color Chemistry, ACS Certification Concentration (BS) (18PCCBS-PCCACS)

Junior Fall		Junior Spring	
PCC 101: Intro Polymer & Color Chem.	2 hours	PCC 106: Polymer Syn Sust. & Environment	3 hours
PCC 104: Intro PCC Lab	1 hour	CH 223/224: Org. Chemistry II & Lab	4 hours
T 101: Intro to the College of Textiles	1 hour	TMS 211: Intro Fiber Science	3 hours
TE 200: Intro Polymer Science/Eng	3 hours	ST 370: Probability & Stats for Engineers	3 hours
CH 221 & 222: Org. Chemistry I & Lab	4 hours		
PCC 201: Impact of Industry Env/Society	3 hours		
Total Hours	14 Hours	Total hours	13 Hours

Senior Fall		Senior Spring	
PCC 461/464: FF Polymers & Lab	4 hours	CH 431: Physical Chemistry	3 hours
PCC 301/304: Tec Dye/Finish & Lab	4 hours	PCC 350: Color Science & Appl.	2 hours
TMS 212: Textile Product Formation	2 hours	PCC 354: Color Science Lab	1 hours
PCC 4** Elective	3-4 hours	PCC 412/414 TC Analysis & Lab	3 hours
TMS 212: Textile Product Formation	2 hours	PCC 471: Chem Synth/Nat Bipol.	3 hours
Total Hours	15-16 Hours	Total Hours	12 Hours

Additional Fall	
PCC 442: TPC Processing of Textiles	3 hours
CH 401: Syst. Inorganic Chemistry	3 hours
PCC 4** Elective	3 hours
CH 443- Physical Chemistry II	3 hours
Total Hours	12 hours