

NC Community College Four-Year Baccalaureate Degree Plan

Schedule for Full-Time Students Revised Fall 2019

Pursuing **AS Degree** & transfer into Polymer & Color Chemistry, Science & Operations 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 111 + ENG 112 = ENG 101 + ENG 1** (2 hours)
UGETC Social Science	3	Varies	GEP Social Science Requirement
MAT 271	4	MA 141	Calculus I, Major Requirement
Transferrable Course	3	Varies	Work with your advisor to select an appropriate course
ACA 122	1	TR ***	Transfer Elective Credit
TOTAL	14 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 (MAT 285 fulfill Advised Elective Requirement)
TOTAL	17 credit hours		

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- 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.

Community College Third Semester			
NC CC Course	Hours	NC State Equivalent	Notes
ECO 251	3	EC 201	Microeconomics, Major Advised Elective Option
CH 152	4	CH 201/202	Quantitative Chemistry & Lab, Major Requirement
PHY 151	4	PY 211	Major Requirement
UGTEC HUM/FA	3	Varies	GEP Humanities Requirement
TOTAL	14 credit hours		

Community College Fourth Semester			
NC CC Course	Hours	NC State Equivalent	Notes
MAT 152	4	ST 311	Intro to Statistics, Major Advised Elective Option
PHY 152	4	PY 212	Major Requirement
Transferrable Course	4	Varies	Work with your advisor to select an appropriate course (MAT 285 or MAT 273 fulfill Advised Elective Requirement)
UGTEC HUM/FA or SS	3	Varies	GEP Additional Breadth Requirement
TOTAL	15 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 7 hours of summer coursework between Junior Spring and Senior Fall at NC State.

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

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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/>

NC STATE UNIVERSITY

Schedule of Courses for the Polymer & Color Chemistry, Science & Operations Concentration (BS) (18PCCBS-PCCSOP)

Junior Fall		Junior Spring	
PCC 101: Intro Polymer & Color Chem.	2 hours	PCC 106: Polymer Syn Sust. & Environment	3 hours
PCC 102: Intro PCC Lab	1 hour	CH 221 & 222: Org. Chemistry I & 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	Advised Elective II	3 hours
PCC 201: Impact of Industry Env/Society	3 hours		
Advised Elective II	3 hours		
Total Hours	13 Hours	Total hours	13 Hours

Junior Summer I	
CH 223/224: Org. Chemistry II & Lab	4 hours
Advised Elective II	3 hours

Senior Fall		Senior Spring	
CH 331 or TE 303	3-4 hours	PCC 350: Color Science & Appl.	2 hours
PCC 461/464: FF Polymers & Lab	4 hours	PCC 354: Color Science Lab	1 hours
PCC 301/304: Tec Dye/Finish & Lab	4 hours	PCC 4** Elective	3 hours
TMS 212: Textile Product Formation	2 hours	PCC 412/414 TC Analysis & Lab	3 hours
		PCC 4** Elective	3-4 hours
Total Hours	13-14 Hours	Total Hours	12-13 Hours

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Additional Fall	
PCC 442: TPC Processing of Textiles	3 hours
PCC 4** Elective	3-4 hours
PCC 4** Elective	3 hours
PCC 462: Char/Prop Physical Polymers	3 hours
Total Hours	12-13 hours

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

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