



## Physical Sciences, Mathematics, and Engineering

This pathway is intended to guide you through your SCC experience if you are interested in physical sciences, mathematics, and engineering. We designed this pathway to help you achieve your goal of a university transfer. Transfer majors in this pathway include Chemistry, Physics, Mathematics, Computer Sciences, and Engineering Science.

**START HERE**



You must meet with your Success Advisor in Student Services prior to registering for courses.

**Milestone Courses**  
are courses that are the first priority for this pathway

SEMESTER 1		CREDITS	MILESTONE	COMPLETED
ENG 111	Writing and Inquiry	3		<input type="checkbox"/>
ACA 122	College Transfer Success	1		
CHM 151	General Chemistry I	4		
HIS 132	American History II	3		
MAT 171	Pre-calculus Algebra I	4	"C" or better	



This is a great time to meet with your faculty advisor to ensure your SCC program of study is accurate.



NC State requires a GPA of 3.5

A grade of "C" or better is required in all math courses

SEMESTER 2		CREDITS	MILESTONE	COMPLETED
ENG 112	Writing/Research in the Disc	3		<input type="checkbox"/>
MAT 172	Pre-calculus Trigonometry	4	"C" or better	<input type="checkbox"/>
ECO 251	Prin. Of Microeconomics	3		<input type="checkbox"/>
CHM 152	General Chemistry II	4		<input type="checkbox"/>
COM 231	Public Speaking	3		<input type="checkbox"/>

Total credits 17 GPA  $\geq$  3.0 in good academic standing



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**Continue to Semester 3**  
( See back of page )

### General Advising Notes:

- If you place into transition/development courses you should begin in those in your first semester.
- You should select courses based on your intended major and transfer university requirements.

For more information, call us at **(336) 386-8121** or visit [www.surry.edu](http://www.surry.edu)



## Physical Sciences, Mathematics, and Engineering

**Continued from SEMESTER 2**

**Milestone Courses**  
are courses that are the  
first priority for this  
pathway

SEMESTER 3 (Summer)		CREDITS	MILESTONE	COMPLETED
MAT 271	Calculus I	4	"C" or better	<input type="checkbox"/>
<i>If needed for your transfer program: BIO 111 - Gen Bio I</i>		4		<input type="checkbox"/>

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Total credits 4 Milestone = GPA  $\geq$  3.0 in good academic standing

SEMESTER 4		CREDITS	MILESTONE	COMPLETED
MAT 272	Calculus II	4	"C" or better	<input type="checkbox"/>
MAT 280	Linear Algebra	3	"C" or better	<input type="checkbox"/>
PHY 251	General Physics I	4		<input type="checkbox"/>
ENG 232	American Literature II	3		<input type="checkbox"/>
SPA 111	Elementary Spanish I	3		<input type="checkbox"/>

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Total credits 17 Milestone = GPA  $\geq$  3.0 in good academic standing

SEMESTER 5		CREDITS	MILESTONE	COMPLETED
PHY 252	General Physics II	4		<input type="checkbox"/>
MAT 273	Calculus III	4	"C" or better	<input type="checkbox"/>
MAT 285	Differential Equations	3	"C" or better	<input type="checkbox"/>
HEA 110, CSC 134, MAT 152 (Depending on transfer school)		3-4	"C" or better	<input type="checkbox"/>
SPA 112	Elementary Spanish II	3		<input type="checkbox"/>

Total credits 17-18 Milestone = GPA  $\geq$  3.0 in good academic standing

### General Advising Notes:

- You should use Self-Service to track progress and meet with your advisor at least once per semester.
- You may choose to change your program at any time. To do so, please contact your assigned Success Advisor in Student Services.

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