

This roadmap is a **suggested** semester-by-semester planning guide for this major. It is a model two-year plan, not a guaranteed sequence or contract. Course availability may vary from semester to semester. Roadmaps are not meant to cover every possibility. They are intended to provide guidance in planning your academic path. **Roadmaps should be reviewed in consultation with your advisor and specific transfer institution requirements.**

KEY			
<b>Course Subject and Number:</b>	Lists the course subject and number (ex. MAT 140; PSY 201).		
<b>Credit Hrs:</b>	Lists how many credit hours the course is worth. Courses listed with a range of credit hours depend on course selection.		
<b>Gen Ed:</b>	Indicates whether or not this major course can also fulfill a general education requirement.		
	COM/LIT: Gen Ed Communication & Literature	HUM: Gen Ed Humanities	MAT: Gen Ed Math
	ELECT: Gen Ed Elective Program Courses	SOC SCI: Gen Ed Social Science	NAT SCI: Gen Ed Natural Science
<b>Course Notes:</b>	Lists important information about the course or the timing of the course.		
<b>Critical:</b>	TIME= Timing. This course must be completed in the semester listed to ensure timely graduation.		
General Education Requirement			
<b>Communication &amp; Literature:</b> Complete 9 credit hours from the list of approved courses satisfying the requirement. You must have one course from SPC 200 or SPC 205.		<b>Electives:</b> Complete at least 16 credit hours of approved elective courses. Courses to be chosen by the student under guidance of the faculty advisor and in coordination with major roadmap. Specific courses are excluded from consideration. See First Year notes.	
<b>Mathematics or Natural Sciences:</b> Complete at least 23 credits from the list of approved math and science courses. You must have at least 6 credits of math courses and 8 credits of natural science courses with lab.		<b>Humanities and Social Sciences:</b> Complete 12 credit hours from the list of approved courses satisfying the humanities and social sciences general education requirement. You must have at least 3 credit hours from humanities and 3 credit hours from social science.	
		<b>General Education Resources:</b> Approved course listings for each requirement can be found in the Undergraduate Catalog ( <a href="http://tctc.catalog.acalog.com/">http://tctc.catalog.acalog.com/</a> ).	
Degree Requirements			
Minimum GPA		Minimum Credit Hours	
Major	Cumulative	60 credit hours	
2.00	2.00	Additional hours may be accrued based on course selection. Consult your <a href="#">academic catalog</a>	

## First Year

### Semester One

Course Subject and Number	Credit Hrs.	Grade Earned	Critical	Gen Ed	Course Notes
ENG 101	3			COM/LIT	ENG 101 or placement as needed
BIO 113	4		<b>TIME</b>	NAT SCI	See Notes 1 and 2
CHM 110	4		<b>TIME</b>	NAT SCI	See Note 1
MAT XXX	4			MAT	MAT 140 or placement as needed
Total Semester Credit Hours	15				

### Semester Two

Course Subject and Number	Credit Hrs.	Grade Earned	Critical	Gen Ed	Course Notes
ENG 102	3			COM/LIT	Completion of ENG 101 w/ Grade of C or better
BIO 114	4		<b>TIME</b>	NAT SCI	Completion of BIO 113 w/ Grade of C or better; See Note 2
CHM 111	4		<b>TIME</b>	NAT SCI	Completion of CHM 110 w/ Grade of C or better
MAT XXX or Elective	3-4			ELECT	MAT 141 or General Elective/Foreign Language. See Notes 3 and 5.
Total Semester Credit Hours	14-15				

### First Year Notes

Note 1: All first semester courses have specific entry requirements. All Math and Science tracks require a minimum of C or better to advance in the series. Consult the catalog for prerequisites and/or placement scores.

Note 2: BIO 101/102 sequence may be substituted for some majors, but BIO 113/114 is highly recommended. Please consult senior institution requirements and your faculty advisor.

Note 3: MAT 141 is required by students seeking to major in Biochemistry or Genetics. Math requirements for medical, dental, PA, or pharmacy vary by school. Please consult senior institution requirements and your faculty advisor. Students interested in public health careers should consider SPA 101 or higher based on placement.

Note 4: The following courses can be used as electives only: ECO 101; HSS 105; MAT 211, 212, 215; PSY 103, 120. You cannot apply both ECO 101 and ECO 210 or 211 toward degree requirements.

Note 5: The following courses **MAY NOT** be used for the A.S. degree: BIO 100, 105, 112, 115; CHM 100, 105; ENG 100, 155, 156, 165; MAT 101, 102, 155, 170, 171; PHY 101; RDG 100.

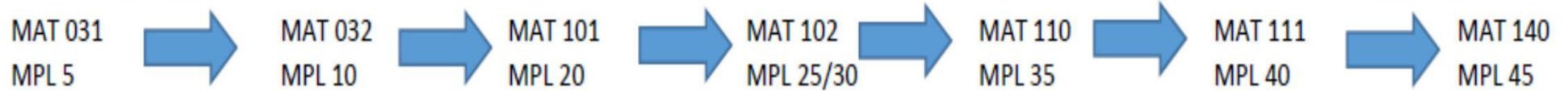
## Second Year

<b>Semester Three</b>					
<b>Course Subject and Number</b>	<b>Credit Hrs.</b>	<b>Grade Earned</b>	<b>Critical</b>	<b>Gen Ed</b>	<b>Course Notes</b>
CHM 211	4			NAT SCI	Completion of CHM 111 w/ Grade of C or better
PHY XXX	4			NAT SCI	Either PHY 221 or PHY 201. See Note 1
PSY 201 or SOC 101	3			SOC SCI	See Note 4
SPC XXX	3			COM/LIT	Either SPC 200 or SPC 205 is required
HUM or SOC SCI	3			HUM/SOC SCI	See Note 5
Total Semester Credit Hours	17				
<b>Semester Four</b>					
<b>Course Subject and Number</b>	<b>Credit Hrs.</b>	<b>Grade Earned</b>	<b>Critical</b>	<b>Gen Ed</b>	<b>Course Notes</b>
MAT 120	3			MAT	
CHM 212	4			ELECT	Completion of CHM 211 w/ Grade of C or better
HUM or SOC SCI	3			HUM/SOC SCI	See Note 2
PHY 222 or ELECTIVE	3-4			ELECT	See Note 3
Total Semester Credit Hours	13-14				
<b>Second Year Notes</b>					
<p>Note 1: Some majors may substitute PHY 201 for PHY 221. Please consult senior institution requirements and your faculty advisor.</p> <p>Note 2: Please consult catalog requirements and your faculty advisor when selecting appropriate HUM/SOC SCI courses.</p> <p>Note 3: PHY 222 is only required by students seeking to major in Biochemistry or Genetics. Students interested in public health careers should consider SPA 101 or higher based on placement.</p> <p>Note 4: SOC and PSY courses have specific prerequisites and recommendations. Consult the catalog and seek advisor guidance.</p> <p>Note 5: For students transferring to institutions in SC, the REACH Act recommends HIS 201 or PSC 201. Please consult senior institution requirements and your faculty advisor.</p> <p>*Design courtesy of the College of Charleston</p>					

## TCTC PLACEMENT TRACKS

### MAT 140

AS, Majors requiring Calculus, Engineering, Animal Science, BS Computer Science, Science Majors Transfers to Clemson as MATH 1060



### ENG 101

Check program requirements to ensure appropriate English placement. \*\*

