South Carolina

This course plan is a recommended sequence for this major. Courses designated as critical (!) may have a deadline for completion and/or affect time to graduation. Please see the Program Notes section for details regarding "critical courses" for this particular Program of Study.

Critical	Course Subject and Title	Credit Hours	Min. Grade[1]	Major GPA[2]	Code	Prerequisites	Notes
Semester One (17-18 Credit Hours)							
!	ENGL 101 Critical Reading and Composition	3	C		CC-CMW		
	MATH 141 Calculus I	4	C		CC-ARP	Math placement test score	
	Carolina Core SCI	4			CC-SCI		
	PSYC 101 Introduction to Psychology	3	C		CC-GSS		
	Foreign language[3] *or* Approved Elective[4]	3-4			CC-GFL		
Semester Two (17 Credit Hours)							
!	ENGL 102 Rhetoric and Composition	3	C		CC-CMW CC-INF	C or better in ENGL 101	
	MATH 142 Calculus II	4	C		CC-ARP	C or better in MATH 141	
	Carolina Core SCI	4			CC-SCI		
	Select one from the following: POLI 101 Introduction to Global Politics ANTH 102 Understanding Other Cultures GEOG 121 Globalizations and World Regions GEOG 210 People, Places, and Environments	3	C		CR		
	Foreign language[3] *or* Approved Elective[4]	3			CC-GFL		
Semester Three (16 Credit Hours)							
	STAT 509 Statistics for Engineering *or* STAT 515 Statistical Methods I	3	C		CR	MATH 142 *(STAT 509)* MATH 141 *(STAT 515)*	
	CSCE 145 Algorithmic Design I	4	C		PR		
	Carolina Core GHS[5]	3			CC		
	GEOG 105 The Digital Earth	3	C		CR		
	Foreign language[3] *or* Approved Elective[4]	3			CR/CC		
Semester Four (14 Credit Hours)							
	CSCE 146 Algorithmic Design II	4	C		PR	C or better in CSCE 145	
	MATH 344 and 334L Linear Algebra and Lab	4	C		MR	C or better in MATH 142	
	SPCH 213 Communicating Moral Issues	3			CC-CMS		
	200-level Foreign Language[6]	3			CR	See Bulletin listing	
Semester Five (15 Credit Hours)							
	CSCE 201 Introduction to Computer Security	3	C		PR	CSCE 145	
	MATH 374 Discrete Structures	3	C		MR	C or better in MATH 142 and CSCE 146	
	Carolina Core AIU[5]	3			CC		
	POLI 201 American National Government	3			CC-VSR		
	200-level Foreign Language[6]	3			PR	See Bulletin listing	
Semester Six (15 Credit Hours)							
	STAT 587 Big Data Analytics *(cross-listed with CSCE 587)* *or* STAT 530 Applied Multivariate Statistics and Data Mining	3	C		MR	C or better in STAT 509 or 515	
	Law and Public Policy course[7]	3	C		MR		
	PHIL 320 Ethics *or* POLI 504 Politics and Ethics	3	C		MR		
	300-level Foreign Language[6]	3			PR	See Bulletin listing	
	GEOG 345 Interpretation of Aerial Photographs	3	C		MR		
Semester Seven (15 Credit Hours)							
	Select one from the following: MATH 528 Math Foundations of Machine Learning & Data Science *or* MATH 572 Math Foundations of Network Science *or* MATH 587 Introduction to Cryptography *(cross-listed with CSCE 557)* *or* STAT 516 – Statistical Methods II	3	C		MR	C or better in MATH 344 *(MATH 528)* C or better in MATH 344 and 374 *(MATH 572)* C or better in CSCE 145 and MATH 374 *(MATH 587)* STAT 509 or 515 *(STAT 516)*	
	Law and Public Policy course[7]	3	C		MR		
	PSYC 410 Behavioral and Mental Disorders *or* PSYC 430 Survey of Social Psychology *or* PSYC 440 Survey of Personality	3	C		MR	PSYC 101 or SCHC 130	
	Domestic and Global Cyber-challenges course[7]	3	C		MR	See Bulletin listing	
	GEOG 363 Geographic Information Systems	3	C		MR		

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Semester Eight (12 Credit Hours)						
	CSCE 522 Information Security Principles	3	C		MR	CSCE 146 and MATH 374
	Domestic and Global Cyber-challenges course[7]	3	C		MR	See Bulletin listing
	GEOG 551 Principles of Remote Sensing *or* GEOG 563 Advanced Global Information Systems	3	C		MR	
	History[8]	3			CR	

Graduation Requirements Summary

Minimum Total Hours	Minimum Major Requirements Hours	College & Program Requirements Hours	Carolina Core Hours	Minimum Institutional GPA
120	43	29-46	34-46	2.000

1. Regardless of individual course grades, students must maintain a minimum 2.000 institutional GPA.
2. Some colleges require a minimum GPA for major courses. Courses indicated in this column are included in the major GPA for this program of study.
3. Students in the College of Arts and Sciences are required to demonstrate proficiency in one foreign language equivalent to the 122 course through course credit or the corresponding foreign language placement score.
4. No courses of a remedial, developmental, skill-acquiring, or vocational nature may apply as credit toward degrees in the College of Arts and Sciences. The College of Arts and Sciences allows the use of the Pass-Fail option on elective courses. Further clarification on inapplicable courses can be obtained from the College of Arts and Sciences.
5. The Carolina Core provides the common core of knowledge, skill and academic experience for all Carolina undergraduate students.
6. Students may use a 200-level foreign language course, if needed, to fulfill the 3 hours of Fine Arts of Humanities requirement. Students in the Cyber Intelligence major must complete at least 3 hours of foreign language at the 300-level.
7. Students must complete 6 credit hours of Law and Public Policy courses and 6 credit hours of Domestic and Global Cyber-challenges courses:

Law and Public Policy courses (6 hours)	Domestic and Global Cyber-challenges courses (6 hours)
POLI 315 International Relations POLI 342 National Security Policies of the United States POLI 417 Theories of War in International Relations POLI 420 International Law POLI 421 Law and Contemporary International Problems POLI 433 Economic Aspects of International Politics POLI 442 Globalization and Security POLI 450 Constitutional Law I POLI 451 Constitutional Law II GEOG 515 Political Geography	CRJU 424 Criminal Justice Intelligence CRJU 440 Homeland Security and Terrorism CRJU 512 Information-Based Management in Criminal Justice CRJU 577 Law and Criminal Justice Policy CRJU 582 Computer Applications in Criminal Justice HIST 397 Evolution of Warfare HIST 468 American Military Experience

8. The College of Arts and Sciences requires one U.S. History and one non-U.S. History course, both of which must be chosen from the approved Carolina Core GHS courses. Whichever is not fulfilled through the Carolina Core GHS requirement must be fulfilled through this college requirement.

Program Notes:
- Courses identified as "critical" must be completed in the student's first 60 semester hours of work in order for these courses to be credited toward graduation.
- All undergraduate students must take a 3-credit course or its equivalent with a passing grade that covers the founding documents. This course may fulfill any requirement in the program of study. Courses that meet this requirement are listed in the academic bulletin.
- The last 30 credit hours toward your degree must be earned in residence at the University of South Carolina-Columbia.

University Requirements: Bachelor's degree-seeking students must meet Carolina Core (general education) requirements. For more information regarding these requirements, please visit the Carolina Core page on the University website.

Codes:			
CC	Carolina Core	**CC-INF**	Carolina Core – Information Literacy
CC-AIU	Carolina Core-Aesthetic and Interpretive Understanding	**CC-INT**	Carolina Core – Integrative Course
CC-ARP	Carolina Core-Analytical Reasoning and Problem-Solving	**CC-SCI**	Carolina Core – Scientific Literacy
CC-CMS	Carolina Core-Effective, Engaged, and Persuasive Communication: Spoken Component	**CC-VSR**	Carolina Core – Values, Ethics, and Social Responsibility
CC-CMW	Effective, Engaged, and Persuasive Communication: Written Component	**CR**	College Requirement
CC-GFL	Carolina Core-Global Citizenship and Multicultural Understanding: Foreign Language	**MR**	Major Requirement
CC-GHS	Carolina Core – Historical Thinking	**PR**	Program Requirement
CC-GSS	Carolina Core – Social Sciences		

Disclaimer: Major maps are only a suggested or recommended sequence of courses required in a program of study. Please contact your academic advisor for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.