Sample Course of Study

USCB
UNIVERSITY OF SOUTH CAROLINA BEAUFORT
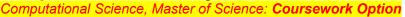
Computational Science MS Degree (Coursework Option) 2-Year Example Course Plan – Min. Hrs. Required: 30 (Ex. shown below: 30-36 hours)			
NOTE: This table represents a typical 2-year course plan, but this is one of many possible permutations. Specific courses and the semesters in which they are taken are determined in consultation with the student's academic advisor each semester. It is strongly suggested that students use this example plan, in conjunction with their DegreeWorks report, to prepare their own course plan. Please note that additional prerequisite courses in mathematics and/or statistics may be necessary, depending on the student's preparation for the curriculum.			
Fall semester	**Cr.**	**Spring semester**	**Cr.**
First Year			
CSCI B500: Practical Computing for Computational Scientists (Program Requirement)	3	CSCI B569: High Performance Computing (Program Requirement)	3
CSCI B515: Numerical & Statistical Methods for Comp. Science (Program Requirement)	3	CSCI B5xx Elective (e.g., CSCI B516, B520, B522, & B570 are typically offered in spring semesters; other special topics and/or opportunities for independent study may be available)	3
CSCI B5xx Elective (e.g., CSCI B566 is typically offered in fall semesters; other special topics and/or opportunities for independent study may be available)	3	CSCI B5xx Elective (e.g., CSCI B516, B520, B522, & B570 are typically offered in spring semesters; other special topics and/or opportunities for independent study may be available)	3
Total Semester Hours	9	*Total Semester Hours*	9
Second year			
CSCI B550: Systems Modeling and Simulation (Program Requirement)	3	CSCI B5xx Elective (e.g., CSCI B516, B520, B522, & B570 are typically offered in spring semesters; other special topics and/or opportunities for independent study may be available)	3
CSCI B5xx Elective or CSCI B599: Independent Study or CSCI B699: Industrial or Research Internship (NOTE: Coursework option requires one instance of CSCI B599 or B699)	3	*If needed:* CSCI B5xx Elective or CSCI B599: Independent Study or CSCI B699: Industrial or Research Internship (NOTE: Coursework option requires one instance of CSCI B599 or B699)	0-3*
CSCI B5xx Elective or CSCI B599: Independent Study or CSCI B699: Industrial or Research Internship (NOTE: Coursework option requires one instance of CSCI B599 or B699)	3	*If needed:* CSCI B5xx Elective or CSCI B599: Independent Study* or CSCI B699: Industrial or Research Internship* (NOTE: Coursework option requires one instance of CSCI B599 or B699)	0-3*
Total Semester Hours	9	*Total Semester Hours*	3-9*

*For graduate students at USCB, nine (9) credit hours are required for a normal full-time credit load. Students in their final semester may be reclassified as full-time with a lower credit load with permission of the department chair and the office of admissions.