

Four Year Curriculum Plan Template, Catalog Term: Fall 2011**Major: SI10 - BS, Integrated Sci. and Tech.****Area of Emphasis: SI15 - Environment Assess and Policy**

Select Catalog term to view: Fall 2011

Year One			
Fall Semester		Spring Semester	
IST160 Intro to Programming	3 hours	IST260 Instrumentation I	3 hours
Composition: ENG101 English Composition I (or equivalent)	3 hours	IST321 Resol Environ Problems	3 hours
FYS 100: FYS100 First Year Seminar	3 hours	Composition: ENG102 English Composition II (or equivalent)	3 hours
CT Designated Course: IST120 Connections I (CT)	3 hours	Social Science: Multicultural or International	3 hours
Mathematics: MTH140 Applied Calculus	3 hours	Fine Arts: ART 112, MUS 142 or THE 112	3 hours
Recommended Hours:	15 hours	Recommended Hours:	15 hours
Year Two			
Fall Semester		Spring Semester	
CHM203 General Chemistry I	3 hours	CHM204 General Chemistry II	3 hours
Communication: CMM103 Fund Speech-Communication	3 hours	CT Designated Course: IST220 Connections II (CT)	3 hours
Mathematics: IST130 Analy Meth I-1st Statistics	4 hours	IST 111 or BSC 120 (recommended if taking upper level BSC courses)	4 hours
Humanities:	3 hours	Elective (Can be used toward 2nd major, minor, or certificate)	4 hours
Elective (Can be used toward 2nd major, minor, or certificate)	3 hours		
Recommended Hours:	16 hours	Recommended Hours:	14 hours
Year Three			
Fall Semester		Spring Semester	
GLY200 Physical Geology	3 hours	IST301 Public Service Experience	1 hours
IST322 Assess I: Terrestrial Systems	4 hours	IST323 Assessment II: Aquatic Ecology	4 hours
IST423 GIS and Data Systems	3 hours	Writing Intensive:	3 hours
Phys or Nat Science: GLY200 Physical Geology	3 hours	Literature	3 hours
Major Elective** (3 or 4 hours)	3 hours	Major Elective** (3 or 4 hours)	3 hours
Recommended Hours:	16 hours	Recommended Hours:	14 hours
Year Four			
Fall Semester		Spring Semester	
IST425 Impact Assessment Documen	3 hours	IST435 Biomonitoring	4 hours
Capstone: IST490 Senior Project I	3 hours	PHY201 General Physics	3 hours
Writing Intensive:	3 hours	PHY202 General Physics Lab	1 hours
Major Elective** (3 or 4 hours)	3 hours	Capstone: IST 491 - Senior Project II or IST 470	3 hours
Elective (Can be used toward 2nd major, minor, or certificate)	3 hours	Internship	
		Major Elective**	4 hours
Recommended Hours:	15 hours	Recommended Hours:	15 hours
Other Requirements:			
Minimum Number of Hours to Graduate:	120		
Minimum GPA to Graduate:	2.0 (a minimum of 40 upper level hours)		
Other:			
*If the MTH ACT score is less than 21, students take MTH 098 and/or MTH 099 then MTH 127 then 122 then MTH 140 based on placement; if the MTH ACT score is 19 or 20, students take MTH 127 then MTH 122 then MTH 140; if the MTH ACT score is 21 to 23, students take MTH 130 then MTH 122 then MTH 140; if the MTH ACT score is 24 or greater, students take MTH 140.			
**Choose 4 300 to 499 level Major Electives from: Management, Accounting, or Public Policy courses; IST 425; Geography or Geology courses. See your IST faculty advisor for approval.			
NOTES:			
1. A minimum of 120 hours with 40 credit hours at the 300 - 499 level is required for graduation.			
2. Core I courses include 3 hours of First Year Seminar (FYS) and 6 hours of Critical Thinking. Core II requires a minimum of 25 hours of 100 - 200 level courses including 6 hours of English Composition; 4 hours of Natural or Physical Science; and 3 hours of Communication, Fine Arts, Humanities, Mathematics, and Social Sciences. The College of Science requires 3 hours of Calculus which satisfies the Core II Mathematics requirement, Literature, 8 additional hours of Natural or Physical Science, and 40 hours of upper level credit.			
3. Coursework listed as Elective may vary for each student. Students are strongly encouraged to use elective hours toward a 2nd major, minor or certificate program. Depending on the path chosen, students may not have electives because programs vary in length and minors range from 12 to 18 hours. Students should see advisors in S213/214 to select a path leading to completion of the program selected. These selections must be approved.			
4. Students are strongly encouraged to select courses that meet two or more Core or College requirements. For example, a writing intensive literature course could satisfy the College of Science literature requirement as well as the Core II writing intensive requirement or an international or			

multicultural social science course could satisfy both the international or multicultural Core II requirement as well as the social science Core II requirement. See course attributes each semester for courses that meet two or more Core or College requirements.

5. If students follow this graduation plan and do not withdraw or fail classes, or change majors, they can graduate in four academic years. It is not necessary to take the courses in the specific order shown, however if students deviate from the courses approved in the mandatory advising sessions each semester, students may not be able to graduate in four years in accordance with the graduation plan.
6. Semester course offerings are subject to change. Please consult each semesters schedule of courses for availability.