

Suggested Course Sequence

B.A. in Sociology & B.A. Computing and Informatics (for incoming Freshmen)

FIRST SEMESTER		SECOND SEMESTER	
CS 04-171 – Creating Android Apps <i>or</i> CS 01.104 – Intro to Sci. Programming <i>or</i> CS 04.110 – Intro to Programming Using Robots	3	ECON04.101 Intro Macroecon, ECON04.102 Intro Microecon, POSC07.100 Intro to Gov't/Pol, POSC07.110 Amer, Gov't, POSC07.230 Comp. Pol. Svst. OR POSC07.231 Cont. World Prob.	3
CS 04.103 – Computer Sci. and Programming	4	Lab Science Choice (LAB)	4
STAT 02.260 – Statistics I	3	PHIL 09.130 – Intro to Symbolic Logic	3
COMP 01.111 – College Composition I	3	COMP 01.112 – College Composition II	3
SOC 08.120 – Introduction to Sociology	3	Sociology Choice (any level)	3
TOTAL	16	TOTAL	16
THIRD SEMESTER		FOURTH SEMESTER	
PSY01.107 Essentials of Psychology	3	CS 04-225 – Principles of Data Structures	3
Computing and Informatics Elective ³	3	CS 01.210 – Intro to Comp NW & Data Comm	3
CMS-04.205 – Public Speaking	3	Sociology Choice (any level)	3
Sociology Choice (any level)	3	History (choice from Approved GenEd HHL)	3
CS 04.210 – Adv Programming Workshop: X	2	CS 04.210 – Adv Programming Workshop: Y	2
TOTAL	14	TOTAL	14
FIFTH SEMESTER		SIXTH SEMESTER	
MIS 02-338 - Design of Database Systems	3	INTR 01.266 – Computers and Society (WD)(SBS)	3
General Education Course (SBS)	3	General Education Course (SBS M/G course if not already taken)	3
General Education Course (HHL LIT course if not already taken)	3	GEOG06.102 Cult. Geog or GEOG06.111 World Reg. Geog	3
Computing and Informatics Elective ³	3	SOC08.331 Classical Sociological Theory	3
ANTH02.202 Cultural Anthropology	3	SOC08.375 Sociological Research Methods	3
TOTAL	15	TOTAL	15
SEVENTH SEMESTER		EIGHTH SEMESTER	
CS 10.310 – Intro to Web Development	3	SOC08.425 Senior Seminar	3
Computing and Informatics Elective ³	3	CS 10.430 – C&I Capstone Experience	3
SOC08.376 Social Statistics	3	General Education Course (ACE, Non-program)	3
Sociology Choice (300-400 level)	3	Sociology Choice (300-400 level)	3
Computing and Informatics Elective ³	3	Sociology Choice (any level)	3
TOTAL	15	TOTAL	15

¹ Rowan Seminar: all freshmen must enroll in a Rowan Seminar course. Course should be from ACE, SBS or HHL bank.

² The Mathematics choice should be carefully considered in a discussion with your advisor.

³ Consult with advisor for recommendations. | ⁴ Rowan's Writing Intensive requirement is satisfied by the Writing Intensive version of Computers and Society. | ⁵ Consult with advisor to discuss resources for internship acquisition like CHSS Match Internship Program and internship details to count as Free Elective credit. Can earn maximum **12 free elective credits** through Internship in the Applied LA

Suggested Course Sequence

B.A. in Sociology & B.A. Computing and Informatics (Second Semester Start)

FIRST SEMESTER		SECOND SEMESTER	
CS 04-171 – Creating Android Apps <i>or</i> CS 01.104 – Intro to Sci. Programming <i>or</i> CS 04.110 – Intro to Programming Using Robots	3	ECON04.101 Intro Macroecon, ECON04.102 Intro Microecon, POSC07.100 Intro to Gov't/Pol, POSC07.110 Amer, Gov't, POSC07.230 Comp. Pol. Svst. OR POSC07.231 Cont. World Prob.	3
CS 04.103 – Computer Sci. and Programming STAT 02.260 – Statistics I	4 3	Lab Science Choice (LAB)	4
COMP 01.111 – College Composition I	3	SOC 08.120 – Introduction to Sociology	3
PHIL 09.130 – Intro to Symbolic Logic	3	COMP 01.112 – College Composition II	3
TOTAL	16	PSY01.107 Essentials of Psychology	3
		TOTAL	16
THIRD SEMESTER		FOURTH SEMESTER	
Sociology Choice (any level)	3	CS 04-225 – Principles of Data Structures	3
Computing and Informatics Elective ³	3	CS 01.210 – Intro to Comp NW & Data Comm	3
CMS-04.205 – Public Speaking	3	Sociology Choice (any level)	3
Sociology Choice (any level)	3	History (choice from Approved GenEd HHL)	3
CS 04.210 – Adv Programming Workshop: X	2	CS 04.210 – Adv Programming Workshop: Y	2
TOTAL	14	TOTAL	14
FIFTH SEMESTER		SIXTH SEMESTER	
MIS 02-338 - Design of Database Systems	3	INTR 01.266 – Computers and Society (WI)(SBS)	3
General Education Course (SBS)	3	General Education Course (SBS M/G course if not already taken)	3
General Education Course (HHL LIT course if not already taken)	3	GEOG 06.102 Cult. Geog or GEOG 06.111 World Reg. Geog	3
Computing and Informatics Elective ³	3	SOC08.331 Classical Sociological Theory	3
ANTH02.202 Cultural Anthropology	3	SOC08.375 Sociological Research Methods	3
TOTAL	15	TOTAL	15
SEVENTH SEMESTER		EIGHTH SEMESTER	
CS 10.310 – Intro to Web Development	3	SOC08.425 Senior Seminar	3
Computing and Informatics Elective ³	3	CS 10.430 – C&I Capstone Experience	3
SOC08.376 Social Statistics	3	General Education Course (ACE, Non-program)	3
Sociology Choice (300-400 level)	3	Sociology Choice (300-400 level)	3
Computing and Informatics Elective ³	3	Sociology Choice (any level)	3
TOTAL	15	TOTAL	15

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Additional Important Information

General Education Courses in Computing & Informatics Major

Intro to Scientific Programming, 3 S.H.

Computer Science & Programming, 4 S.H.

Intro to Comp NW & Data Comm, 3 S.H.

10 General Education S.H. in C&I courses.

Computers and Society is **WI** and **SBS**

Recommended Math Courses for Computing & Informatics Majors

Statistics I, 3 S.H.

Precalculus, 4 S.H.

Calculus I, 4 S.H.

Calculus Techniques & Applications, 3 S.H.

Lab Science Requirement for Computing & Informatics Majors

LAB satisfied by any 4-credit lab course through Biological Sciences, Chemistry & Biochemistry, or Physics & Astronomy.

Career Planning and Development

Career Planning and Development, INTR 01488, is a 2-credit, free-elective course that runs for 8 weeks (first 8 weeks of the semester or final 8 weeks of the semester). The online course allows students the opportunity to create meaning for coursework and professional experience. Students engage in a FOCUS2 self-assessment, career exploration, job search strategies, and decision making. Students also create and revise a resume and cover letter. The course also promotes campus engagement as the final assignment requires students to participate in a career-related event sponsored by the Office of Career Advancement. The course is offered Fall, Spring, and Summer.

Internship in the Applied Liberal Arts

Internship in the Applied Liberal Arts, INTR 20399, is a 2-6 credit course, per semester, that allows students the opportunity to explore the wide variety of careers open to students with degrees in the humanities and social sciences. This program will allow Rowan students to explore careers in the corporate, non-profit, and public sectors. Currently, the College of Humanities and Social Sciences has the **CHSS Match Internship Program**. This program assist students with resume development, interview skills, and professionalism training. The CHSS Match Internship Program facilitates internship matches for students. These internship matches align with the interest and skill-set of the students. The course is offered Fall, Spring, and Summer. Students may earn a maximum of **12 S.H.** through the Internship in the Applied Liberal Arts course.