

Suggested Course Sequence

B.A. American Studies & 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 <i>Python</i>	3	PHIL 09.130 – Intro to Symbolic Logic (HHL) <i>or</i> MATH 03-160 – Discrete Structures	3
AMST 13.101 – Intro to American Studies	3	CS 04.103 – Computer Sci. and Programming	4
Approved AMST GE Elective (RS) ¹	3	Approved AMST GE Elective (ACE)	3
COMP 01.111 – College Composition I	3	COMP 01.112 – College Composition II	3
Approved AMST GE Elective (HHL)	3	Approved AMST GE Elective (SBS)	3
TOTAL	15	TOTAL	16
THIRD SEMESTER		FOURTH SEMESTER	
CS 04.210 – Adv Programming Workshop: X	2	CS 04-225 – Principles of Data Structures	3
CMS-04.205 – Public Speaking	3	CS 01.210 – Intro to Comp NW & Data Comm	3
Lab Science Choice (LAB)	4	Approved AMST GE Elective (SBS) (MG) ³	3
Mathematics Choice ² (MATH)	3/4	CS 04.210 – Adv Programming Workshop: Y	2
American Studies Elective ³	3	American Studies Elective ³	3
TOTAL	15/16	TOTAL	14
FIFTH SEMESTER		SIXTH SEMESTER	
MIS 02.338 - Design of Database Systems	3	INTR 01.266 – Computers and Society ⁴ (WI)(SBS)	3
Computing and Informatics Elective ³	3	American Studies 300/400 Level Elective ³	3
AMST 13.301 Interdisciplinary Research and Writing	3	Computing and Informatics Elective ³	3
Computing and Informatics Elective ³	3	American Studies 300/400 English Elective ³	3
American Studies 300/400 Level Elective ³	3	CS 10.310 – Intro to Web Development	3
TOTAL	15	TOTAL	15
SEVENTH SEMESTER		EIGHTH SEMESTER	
Approved AMST GE Elective (MG)	3	AMST – 13.402 Senior Seminar in AMST	3
Computing and Informatics Elective ³	3	CS 10.430 – C&I Capstone Experience	3
Approved AMST GE Elective (HHL)	3	American Studies 300/400 Level Elective ³	3
American Studies 300/400 Level Elective ³	3	Approved AMST GE Elective (LIT)	3
American Studies 300/400 History Elective ³	3	Internship in the AMST/Applied LA⁵	3
		Career Planning and Development (optional)	2
TOTAL	15	TOTAL	17

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

300-400 level history course or *Topics in History* (HIST05.429)*

300-400 level global history course or *Topics in Global History* (HIST05.443) **

Suggested Course Sequence

B.A. American Studies & 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 (RS) ¹ <i>or</i> CS 04.110 – Intro to Programming Using Python	3	PHIL 09.130 – Intro to Symbolic Logic (HHL) <i>or</i> MATH 03-160 – Discrete Structures	3
CS 04.103 – Computer Sci. and Programming	4	AMST 13.101 – Intro to American Studies	3
Mathematics Choice ² (MATH)	3/4	Approved AMST GE Elective (HHL)	3
COMP 01.111 – College Composition I	3	COMP 01.112 – College Composition II	3
General Education Course (ACE)	3	Approved AMST GE Elective (SBS)	3
TOTAL	15	TOTAL	16
THIRD SEMESTER		FOURTH SEMESTER	
CS 04.210 – Adv Programming Workshop: X	2	CS 04-225 – Principles of Data Structures	3
CMS-04.205 – Public Speaking	3	CS 01.210 – Intro to Comp NW & Data Comm	3
Lab Science Choice (LAB)	4	Approved AMST GE Elective (SBS) (MG) ³	3
Mathematics Choice ² (MATH)	3/4	CS 04.210 – Adv Programming Workshop: Y	2
American Studies Elective ³	3	American Studies Elective ³	3
TOTAL	15/16	TOTAL	14
FIFTH SEMESTER		SIXTH SEMESTER	
MIS 02.338 - Design of Database Systems	3	INTR 01.266 – Computers and Society ⁴ (WD)(SBS)	3
Computing and Informatics Elective ³	3	American Studies 300/400 Level Elective ³	3
AMST 13.301— Interdisciplinary Research and Writing	3	Computing and Informatics Elective ³	3
Computing and Informatics Elective ³	3	American Studies 300/400 English Elective ³	3
American Studies 300/400 Level Elective ³	3	CS 10.310 – Intro to Web Development	3
TOTAL	15	TOTAL	15
SEVENTH SEMESTER		EIGHTH SEMESTER	
Approved AMST GE Elective (MG)	3	AMST – 13.402 Senior Seminar in AMST	3
Computing and Informatics Elective ³	3	CS 10.430 – C&I Capstone Experience	3
Approved AMST GE Elective (HHL)	3	American Studies 300/400 Level Elective ³	3
American Studies 300/400 Level Elective ³	3	Approved AMST GE Elective (LIT)	3
American Studies 300/400 History Elective ³	3	Free Elective, Internship in the Applied LA ⁵	3
		Career Planning and Development (optional)	2
TOTAL	15	TOTAL	17

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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.