Suggested Course Sequence
B.A. in Disaster Preparedness & Emergency Management and B.A. Computing and Informatics
(for incoming Freshmen)

FIRST SEMESTER			SECOND SEMESTER	
CS 04-171 – Creating Android Apps *or* CS 01.104 – Intro to Sci. Programming *or* CS 04.110 – Intro to Programming Using Robots	3		CS 04.210 – Adv Programming Workshop: X	2
CS 04.103 – Computer Sci. and Programming	4		PSY 01.107 Essentials of Psychology (SBS)	3
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
DPEM 00.101 – Intro to Emergency Management and Homeland Security	3		Lab Science Choice (LAB)	4
TOTAL	16		TOTAL	15

THIRD SEMESTER			FOURTH SEMESTER	
CS 04.210 – Adv Programming Workshop: Y	2		CS 04-225 – Principles of Data Structures	3
Focus Option Course I	3		Focus Option Course II	3
CMS-04.205 – Public Speaking	3		CS 01.210 – Intro to Comp NW & Data Comm	3
POSC 07.110 – American Government	3		DPEM 00.410 – Leader, Crisis Mgt & Dist Comm	3
SOC 08.429 – Org. Resp. to Disasters & Crisis	3		GEOG 16.160 – Intro to Mapping & GIS	3
TOTAL	14		TOTAL	15

FIFTH SEMESTER			SIXTH SEMESTER	
MIS 02-338 - Design of Database Systems	3		LAWJ 05.415 – Terrorism	3
GEOG16.334 – Geosciences of Natural Disasters	3		DPEM 00.310 – Critical Infrastructure and Incident Command Laboratory	3
Research Methods: LAWJ 05.380, SOC 08.375 OR POSC 07.360	3		SOC 08.328 – Sociology of Disasters and Crisis	3
Computing and Informatics Elective[3]	3		Computing and Informatics Elective[3]	3
INTR 01.266 – Computers & Society (WI)(SBS)	3		General Education Course (HHL/LIT)	3
TOTAL	15		TOTAL	15

SEVENTH SEMESTER			EIGHTH SEMESTER	
CS 10.310 – Intro to Web Development	3		CS 10.430 – C&I Capstone Experience	3
DPEM 43.400 – Disaster Planning, Mitigation and Recovery	3		Internship in DPEM – LAWJ 07.356, SOC 08.494, OR EDPA 02.490	3
Focus Option Course III	3		General Education Course (ACE, NP)	3
Computing and Informatics Elective[3]	3		General Education Course	3
General Education Course (HHL)	3		General Education Course	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 Disaster Preparedness & Emergency Management and B.A. Computing and Informatics
(Second Semester Start)

FIRST SEMESTER		SECOND SEMESTER	
CS 04-171 – Creating Android Apps *or* CS 01.104 – Intro to Sci. Programming *or* CS 04.110 – Intro to Programming Using Robots	3	CS 04.210 – Adv Programming Workshop: X	2
CS 04.103 – Computer Sci. and Programming	4	PSY 01.107 Essentials of Psychology (SBS)	3
PHIL 09.130 – Intro to Symbolic Logic OR MATH 03.160 – Discrete Structures	3	STAT 02.260 – Statistics I	3
COMP 01.111 – College Composition I	3	COMP 01.112 – College Composition II	3
Lab Science Choice (LAB)	3	DPEM 00.101 – Intro to Emergency Management and Homeland Security	4
TOTAL	16	TOTAL	15

THIRD SEMESTER		FOURTH SEMESTER	
CS 04.210 – Adv Programming Workshop: Y	2	CS 04-225 – Principles of Data Structures	3
Focus Option Course I	3	Focus Option Course II	3
CMS-04.205 – Public Speaking	3	CS 01.210 – Intro to Comp NW & Data Comm	3
POSC 07.110 – American Government (NP)	3	DPEM 00.410 – Leader, Crisis Mgt & Dist Comm	3
SOC 08.429 – Org. Resp. to Disasters & Crisis	3	GEOG 16.160 – Intro to Mapping & GIS	3
TOTAL	14	TOTAL	15

FIFTH SEMESTER		SIXTH SEMESTER	
MIS 02-338 - Design of Database Systems	3	LAWJ 05.415 – Terrorism	3
GEOG16.334 – Geosciences of Natural Disasters	3	DPEM 00.310 – Critical Infrastructure and Incident Command Laboratory	3
Research Methods: LAWJ 05.380, SOC 08.375 OR POSC 07.360	3	SOC 08.328 – Sociology of Disasters and Crisis	3
Computing and Informatics Elective[3]	3	Computing and Informatics Elective[3]	3
INTR 01.266 – Computers & Society (WI)(SBS)	3	General Education Course (HHL/LIT)	3
TOTAL	15	TOTAL	15

SEVENTH SEMESTER		EIGHTH SEMESTER	
CS 10.310 – Intro to Web Development	3	CS 10.430 – C&I Capstone Experience	3
DPEM 43.400 – Disaster Planning, Mitigation and Recovery	3	Internship in DPEM – LAWJ 07.356, SOC 08.494, OR EDPA 02.490	3
Focus Option Course III	3	General Education Course (ACE, NP)	3
Computing and Informatics Elective[3]	3	General Education Course	3
General Education Course (HHL)	3	General Education Course	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.

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[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

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 facilities 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.