

Suggested Course Sequence
B.A. English & B.A. Computing & Informatics (for incoming Freshmen)

| 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 Robots | 3 | CS 04.210 – Adv Programming Workshop: X | 2 |
| CS 04.103 – Computer Sci. and Programming | 4 | CS 01.210 – Intro to Comp NW & Data Comm | 3 |
| PHIL 09.130 – Intro to Symbolic Logic (HHL) <i>or</i> MATH 03-160 – Discrete Structures | 3 | 200-Level English elective | 3 |
| ENGL 02.101 – Literary Studies for English Majors | 3 | HIST 05.100 – Western Civilization to 1660 (HHL) | 3 |
| COMP 01.111 – College Composition I | 3 | General Education Course (HHL) | 3 |
| | | COMP 01.112 – College Composition II | 3 |
| TOTAL | 16 | TOTAL | 17 |
| THIRD SEMESTER | | FOURTH SEMESTER | |
| CS 04.210 – Adv Programming Workshop: Y | 2 | CS 04-225 – Principles of Data Structures | 3 |
| ENGL 02.313 – U.S. Literature to Realism | 3 | Lab Science Choice (LAB) | 4 |
| ENGL 02.309 – British Literature to Romanticism | 3 | ENGL 02.315 – U.S. Literature Since Realism | 3 |
| General Education Course (HHL) | 3 | ENGL 02.311 – British Lit Since Romanticism | 3 |
| CMS-04.205 – Public Speaking | 3 | HIST 05.101 – Western Civilization since 1660 (HHL) | 3 |
| General Education Course (SBS) | 3 | | |
| TOTAL | 17 | TOTAL | 16 |
| 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 | Computing and Informatics Elective ³ | 3 |
| 200-Level English elective <i>or</i> ENGL 05.301 American English Grammar | 3 | Non-program Elective | 3 |
| General Education Course (SBS) | 3 | 300/400-level English Elective | 3 |
| Mathematics Choice ² (MATH) | 3/4 | General Education Course (SBS) | 3 |
| | | | |
| TOTAL | 15/16 | TOTAL | 15 |
| SEVENTH SEMESTER | | EIGHTH SEMESTER | |
| CS 10.310 – Intro to Web Development | 3 | CS 10.430 – C&I Capstone Experience | 3 |
| Computing and Informatics Elective ³ | 3 | Computing and Informatics Elective ³ | 3 |
| ENGL 02.393 – English Seminar 1 (WI) | 3 | ENGL 02.394 – English Seminar 2 (WI) | 3 |
| Non-program Elective (MG if not already taken) | 3 | 300/400-level English Elective | 3 |
| ENGL 02.345 Shakespeare 1 | 3 | Non-program Elective (ACE if not already taken) | 3 |
| Free Elective, Internship in the Applied LA ⁵ | 2 | Career Planning and Development (optional) | 2 |
| TOTAL | 17 | TOTAL | 17 |

¹Rowan Seminar: all freshmen must enroll in a Rowan Seminar course. | ²The Mathematics choice should be carefully considered in a discussion with your advisor. | ³Consult with advisor for recommendations. | | ⁴Rowan’s Writing Intensive requirement is satisfied by the Writing Intensive version of Computers and Society. | ⁵Consult 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. English & B.A. Computing & Informatics (**SECOND** semester start)

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| General Education Course (HHL) | 3 | HIST 05.100 – Western Civilization to 1660 (HHL) | 3 |
| COMP 01.111 – College Composition I | 3 | ENGL 02.101 – Literary Studies for English Majors | 3 |
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| TOTAL | 16 | TOTAL | 17 |
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| CMS-04.205 – Public Speaking | 3 | HIST 05.101 – Western Civilization since 1660 (HHL) | 3 |
| General Education Course (SBS) | 3 | | |
| TOTAL | 17 | TOTAL | 16 |
| 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 | Computing and Informatics Elective ³ | 3 |
| 200-Level English elective <i>or</i> ENGL 05.301 American English Grammar | 3 | 300/400-level English Elective | 3 |
| General Education Course (SBS) | 3 | Non-program Elective | 3 |
| Mathematics Choice ² (MATH) | 3/4 | General Education Course (SBS) | 3 |
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| TOTAL | 15/16 | TOTAL | 15 |
| SEVENTH SEMESTER | | EIGHTH SEMESTER | |
| CS 10.310 – Intro to Web Development | 3 | CS 10.430 – C&I Capstone Experience | 3 |
| Computing and Informatics Elective ³ | 3 | Computing and Informatics Elective ³ | 3 |
| ENGL 02.393 – English Seminar 1 (WI) | 3 | ENGL 02.394 – English Seminar 2 (WI) | 3 |
| Non-program Elective (MG if not already taken) | 3 | 300/400-level English Elective | 3 |
| ENGL 02.345 Shakespeare 1 | 3 | Non-program Elective (ACE if not already taken) | 3 |
| Free Elective, Internship in the Applied LA ⁵ | 2 | Career Planning and Development (optional) | 2 |
| TOTAL | 17 | 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.