

Rockford University
B.S Degree in Computer Science

Concentration: Cybersecurity

Suggested 4 year Pathway Harper AS in Computer Science to RU

First Year (Harper)				
First Semester	Credits		Second Semester	Credits
ENG 101 Composition I	3		ENG 102 Composition II	3
MTH 165 Elementary Statistics	4		MTH 220 Discrete Math	3
CIS 106 Computer Logic and Programing Tech	3		LEJ 101 Introduction to Criminal Justice	3
Social Behavioral Science	3		Physical and Life Sciences	3
Major Discipline and Transfer Elective	3		Major Discipline and Transfer Elective	3
Total =	16		Total =	15

Second Year (Harper)				
Third Semester	Credits		Fourth Semester	Credits
CSC 121 Computer Science I	4		CSC 122 Computer Science II	4
ECO 212 Macroeconomics	3		SPE 101 Fundamentals of Speech Comm	3
Physical and Life Science	5		Humanities and Fine Arts	3
Humanities and Fine Arts	3		Major Discipline and Transfer Elective	4
Total =	15		Total =	14

Third Year (Rockford University)				
Fall Semester	Credits		Spring Semester	Credits
CSCI 240 Web Technologies and Systems I	3		CSCI 3xx Cybersecurity course	3
CSCI 3xx Cybersecurity course	3		CSCI 354 Database Management Systems	4
RHET 351	3		CRMJ 3xx course or SOCI 341 Terrorism	3
Electives (Minor or additional CS classes)	7		Electives	6
Total =	16		Total =	16

Fourth Year (Rockford University)				
Fall Semester	Credits		Spring Semester	Credits
CSCI 3xx Cybersecurity course	3		CSCI 495 Senior Seminar	3
CSCI 3xx Elective (as needed)	3-4		CSCI 356 Data Communications	3
BSAD 308 Ethics, Law & Business	3		Electives	10
Electives	7			
Total =	16-17		Total =	16

The full transfer credit policy can be found in the Rockford University [Academic Catalog](#).

To be eligible for a Rockford University degree, students must complete:

- A minimum of 60 semester hours at a four-year institution.
- Student must earn 30 credits in 300/400 level courses.
- At least 30 of the last 36 semester hours at Rockford University.
- At least 15 semester hours, including senior seminar, in the major field at Rockford University.
- Note: Some programs may require students to complete more semester hours at Rockford University than the minimums listed above.