

Rockford University
B.S Degree in Computer Science

Concentration: Cybersecurity

Suggested 4 year Pathway Harper AAS in Information Systems to RU

First Year (Harper)					
First Semester		Credits	Second Semester		Credits
CAS 160 Intro to Business SW Packages		3	CIS 143 Introduction to Database Systems		3
CIS 101 Intro to Computer Info Systems		3	CIS 206 Applied Programming or CSC 121 Computer Science I		4
CIS 106 Computer Logic and Programing Tech		3	ENG 102 Composition		3
ENG 101 Composition		3	Information Systems elective		3
Mathematics		3	WEB 110 Internet Fundamentals or WEB 150 Web Foundations		3
Total =		15	Total =		16

Second Year (Harper)					
Third Semester		Credits	Fourth Semester		Credits
Information Systems electives		8	CIS 211 IT Project Management		3
NET 121 Computer Networking or NET 122 Internet Protocols		3	CIS 245 Data Analysis		3
SPE 101 Fundamentals of Speech Comm (Counts as Arts & Humanities Gen Ed)		3	Information Systems electives		6
Total =		14	Total =		15

Third Year (Rockford University)					
Fall Semester		Credits	Spring Semester		Credits
CSCI 230 Data Structures and Algorithms		4	CSCI 3xx Cybersecurity course		3
CSCI 270 Object Oriented Programming		4	*PHYP 110 Wellness		1
CSCI 250 Intro to Criminal Justice (Counts as Social Science Gen Ed)		3	*PHYP 1XX Physical Activity Gen Ed		1
*Arts & Humanities Gen Ed (Studio Course)		3	*Science Lab course		4
*RHET 351		3	300 Level Elective		3
Total =		17	Total =		15

Fourth Year (Rockford University)					
Fall Semester		Credits	Spring Semester		Credits
CSCI 3xx Cybersecurity course		3	CSCI 495 Senior Seminar		3
BSAD 308 Ethics, Law & Business		3	CSCI 3xx Cybersecurity course		3
*Arts & Humanities Gen Ed		3	*Social Science Gen Ed		3
CRMJ 3xx course or SOCI 341 Terrorism		3	*Arts & Humanities Gen Ed		3
300 Level Elective (s)		3	300 Level Elective (s)		3
Elective		1	Elective		1
Total =		16	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.