

Associate Degree Plan of Study: Cybersecurity, AAS - Network Defense Track

Cybersecurity, AAS - Network Defense Track		
COURSE #	COURSE TITLE	CREDITS
ENG 101	Writing I	3
MAT 150	College Algebra	3
Heritage or Humanities Course		3
Natural Science Course		3
Social and Behavioral Course		3
CYS 100	Cybersecurity Orientation	1
CYS 101	Cybersecurity Foundations	3
CYS 130	Introduction to Cyber Forensics	3
CYS 140	Data Security	3
CYS 145	Foundations of Cyber Systems	3
CYS 150	Secure Software Development I	3
CYS 202	Human, Organizational, and Societal Security	3
CYS 245	Advanced Cyber Systems	3
CYS 285	Cryptography	3
ENG 102	Writing II	3
Oral Communication		3
CYS 299	Cybersecurity Capstone	3
<i>Network Defense Track</i>		
CYS 265	Network and Cloud Forensics	3
CYS 247	Linux Security	3
CYS 248	Network Security and Authentication	3
CYS 249	Ethical Hacking	3
Cyber Elective		3
<b>Total Credits</b>		<b>64</b>

IWU General Education Requirements

(May be taken at IWU or any regionally accredited institution).

IWU Gen. Ed. Requirements	May Be Satisfied By:	Credits Satisfied
3 credits in Biblical Studies	Met with any Biblical Studies Course	0
3 credits in Philosophy, Biblical Studies, or Religion	Met with any Philosophy, Biblical Studies, or Religion Course	0
3 credits in English Written Communication	<i>Met with ENG 101</i>	3
3 credits in English Written Communication	<i>Met with ENG 102</i>	3
3 credits in English Oral Communication	<i>Met with Oral Communication Course</i>	3
3 credits in Mathematics	<i>Met with MAT 150</i>	3
3 credits in Natural Science	<i>Met with Natural Science Course</i>	3
3 credits in Social or Behavioral Science	<i>Met with Social and Behavioral Course</i>	3
3 credits in Social or Behavioral Science	Met with any Social or Behavioral Science Course	0
3 credits in Arts and Humanities	<i>Met with Heritage or Humanities Course</i>	3
<b>Total Required: 30</b>		<b>21</b>

• Credit is granted for undergraduate course work with a satisfactory grade (“C” or above) in a 100-level or higher course, or for graduate course work with a satisfactory grade (“B” or above) in a 500-level course or higher, taken at a college or university that is accredited by an accrediting agency recognized by both the U.S. Department of Education (ED) and the Council for Higher Education Accreditation (CHEA). This transfer guide is for National & Global courses of study only and is not meant to be used for purposes for IWU-Marion. \*

IWU Bachelor Completion Plan of Study

B.S., Cybersecurity (BSCS)				
COURSE #	COURSE TITLE	CREDITS	EQUIVALENT COURSES	CREDITS SATISFIED IN ASSOCIATE DEGREE
Major Courses				
BIS 216	Information Systems and Project Management	3		
MGT 445	Ethical and Legal Business Decisions	3		
BIS 320	Managerial Relational Database Systems	3		
MGT 451	Quality and Project Decision Making for Managers	3		
BIS 324	Networking, Systems, and Security	3		
BIS 353	Web Application Development	3		
BIS 460	Business Systems Analysis and Design Seminar	3		
STA 320	Business Statistics	3		
Cyber Analyst Courses				
CYB 300	Risk Management and Information Technology Security	3		
CYB 310	Securing Information Technology and Network Infrastructures	3		
CYB 320	Authorization and Access Security	3		
CYB 330	Securing Windows and Linux	3		
CYB 340	Securing Cloud and Web Applications	3		
CYB 350	Hacking Techniques and Countermeasures	3		
<b>Total Core Credits</b>		<b>42</b>		<b>0</b>

Your Pathway to an IWU Bachelor Degree

IWU Bachelor Degrees (120 cr hrs)

Associate Degree Credits:	64
B.S. Core Credits Remaining:	42
Gen. Ed. Credits Remaining	9
<i>Additional Credits Needed to Reach 120:</i>	<i>5</i>

To Speak with an Enrollment Counselor Contact:

**Toll Free 866-498-4968**

[iwuenroll@indwes.edu](mailto:iwuenroll@indwes.edu)

[www.indwes.edu/admissions/online/online-transfer](http://www.indwes.edu/admissions/online/online-transfer)

• Transfer pathways are produced as a service to associate degree students. Every effort is made to maintain up-to-date and accurate information; however, this information is subject to change. Such changes take precedence over the information on this guide. Students should work with their current advisor and an IWU advisor. Responsibility for complying with all applicable requirement ultimately rests with the student.

• Transfer pathways are intended as general guides and do not guarantee the transferability of credits. Official credit evaluations will be completed upon admission and receipt of official transcripts.