



## M.S. in Cybersecurity Program Planning Guide

MAY 2020

**NOTES**

1. Program requirements to completion: **30 credits beyond the Foundation courses.** Foundation courses are not eligible to be used as electives.
2. All degree requirements must be met within seven (7) years of enrolling in the first course applied towards the program. International students may be required to complete *EAP 500 English for Academic Purposes*.
3. New students may have to take IT 510 and CSIT 512 depending on their academic and/or professional experience.
4. It is the student's responsibility to (a) know and follow the program requirements and fulfill them, (b) plan their semester course schedules to remain compliant with external requirements (e.g. visa, scholarship) using the projected schedule below (schedule subject to adjustment), and, (c) request written approval for any course substitutions from your academic adviser or program director prior to enrollment. Failure to receive approval for course substitutions prior to enrollment may result in a delay in program completion.

**Student Name:** \_\_\_\_\_ **Term/Year of first course:** \_\_\_\_\_

REQUIREMENTS	CREDITS	WAIVED	SEMESTER OFFERED	PREREQUISITES	SEMESTER	GRADE
<b>FOUNDATION COURSES</b>						
EAP 500 English for Academic Purposes	(3)		FALL, SPRING	None		
IT 510 Computing Hardware & Software Sys	3		FALL, SPRING	None		
CSIT 512 Elements of Computer Programming	3		FALL, SPRING	None		
<b>Foundation Total:</b>	<b>3-9</b>					
<b>CYBERSECURITY CORE - REQUIRED COURSES</b>						
CYBR 548 Telecommunications & Networking	3		FALL, SPRING	None		
IT 530 Applied Database Concepts	3		FALL, SPRING	IT 510, CSIT 512		
CYBR 555 Information Systems Security	3		FALL, SPRING	IT 510		
CYBR 534 Network & Internet Security	3		FALL, SPRING	CYBR 555		
CYBR 521 Info Assurance & Risk Assessment	3		FALL, SPRING	CYBR 555		
CYBR 532 Computer Forensics	3		SPRING	CYBR 555		
CYBR 535 Security Policy, Ethics & Law	3		FALL	CYBR 555		
CYBR 556 Ethical Hacking	3		FALL, SPRING	CYBR 534		
<b>CYBERSECURITY ELECTIVES (select <u>TWO</u> from the following)</b>						
CYBR 537 Applied Encryption & Cryptology	3		SPRING even years	CYBR 555		
CYBR 560 Cybersecurity Capstone	3		FALL, SPRING, SUMMER	CYBR 521, CYBR 534, (CYBR 532 or CYBR 556), CYBR 535		
CYBR 599 Special Topics	3		As needed	Course dependent		
CYBR 597 Cybersecurity Practical Training	3		FALL, SPRING, SUMMER	15 program credits, 3.4 GPA, & Permission of Instructor		
<b>Program Total (Core+Electives):</b>	<b>30</b>					

- Taking CYBR 560 Capstone in the summer requires both summer sessions and students can only start in Summer I.
- The following courses are also cross-listed with a CSIT prefix. Check the Hood College Catalog for the corresponding prerequisites: CYBR 555, CYBR 548, CYBR 534, CYBR 532, CYBR 537, CYBR 566.
- The following courses are also cross-listed with an IT prefix. Check the Hood College Catalog for the corresponding prerequisites: CYBR 521, CYBR 535

**Advisor Signature & Date:** \_\_\_\_\_