UNIVERSITY OF MARYLAND GLOBAL CAMPUS

2019-2020

Student Name: **Date:**

Degree Worksheet
BS IN COMPUTER NETWORKS AND CYBERSECURITY

This worksheet is designed to help you plan and track your progress toward your degree. It lists all graduation requirements in the recommended sequence. For full course descriptions, please refer to the current undergraduate *Catalog.*

SEQUENCE *Courses are listed in the order in which students should take them.* *Changes in courses and order may affect other elements of the degree plan.*	**COURSE TAKEN OR TRANSFERRED**	**SEMESTER TAKEN OR CREDIT REMAINING**

Recommendations will differ for specific majors. Refer to catalog for alternatives to recommended general education requirements (GenEds). Courses used for GenEds may not be used in the major or minor.

GENERAL EDUCATION COURSES (41 credits)		
PACE 111T (3) *Or other PACE 111 course chosen from 111B, 111C, 111M, 111P, 111S, or 111T*		
WRTG 111 (3) *Or other 3-credit WRTG course except 288, 388, 486A, 486B. COMM 390 and 492, ENGL 102 and JOUR 201 apply*		
WRTG 112 (3) *Required GenEd course. Must be completed with a grade of C- or better*		
MATH 107 (3) *or other approved math GenEd course (MATH 105, MATH 107, STAT 200, or more advanced MATH or STAT)*		
LIBS 150 or CAPL 398A (1) *Or other GenEd elective*		
IFSM 201 (3) *Technology GenEd course and prerequisite to major courses*		
HIST 125 (3) *Or other arts/humanities GenEd course*		
HUMN 100 (3) *Or other arts/humanities GenEd course*		
GEOL 100 (3) *Or other 3-credit biological/physical science GenEd course*		
BIOL 101/102 or NSCI 100/101 (4) *Or other biological/physical science GenEd course with related lab*		
ECON 103 (3) *Or other behavioral/social science GenEd course*		
BEHS 103 (3) *Or other behavioral/social science GenEd course*		
SPCH 100 (3) *Or other communication, writing, or speech GenEd course*		
WRTG 393 (3) *Or other upper-level advanced writing GenEd course*		

CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS **See catalog for overview of all requirements.**

- ❑ 30 credits at UMGC, including at least half of the major and minor and 15 upper level credits.
- ❑ 45 upper-level credits, including half the credit for the major and for the minor.
- ❑ All required courses and minimum number of credits for major and minor.
- ❑ Prerequisites for major and minor courses, if needed.
- ❑ All General Education Requirements.
- ❑ Grade of C- or better in WRTG 101
- ❑ Grade of C or better in all courses for the major and minor.
- ❑ Overall GPA of at least 2.0.
- ❑ At least half the credit for the major earned through graded coursework.
- ❑ Total 120 credits.

NOTES:

◆ Required courses for major

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Degree Worksheet (p. 2)
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SEQUENCE *33 total credits for major, of which at least half must be upper-level and at least half taken through UMGC.*	COURSE TAKEN	SEMESTER TAKEN OR CREDIT REMAINING
MAJOR COURSES (30 credits)		
◆ CMIT 202 Fundamentals of Computer Troubleshooting (3)		
◆ CMIT 265 Fundamentals of Networking (3)		
◆ CMIT 320 Network Security (3)		
◆ CMIT 321 Ethical Hacking (3)		
◆ CMIT 350 Interconnecting Cisco Devices (3)		
◆ CMIT 369 Installing and Configuring Windows Server (3)		
◆ CMIT 391 Linux System Administration (3)		
◆ **Any upper-level CMIT or CCJS 321 (9 credits)** Recommended Areas of Study **Microsoft** CMIT 370 Administering Windows Server CMIT 371 Configuring Advanced Windows Server Services CMIT 372 Designing and Implementing a Server Infrastructure CMIT 373 Implementing an Advanced Server Infrastructure		
Cisco CMIT 451 Implementing Cisco IP Routing CMIT 452 Implementing Cisco IP Switched Networks CMIT 453 Troubleshooting and Maintaining Cisco IP Networks CMIT 454 Cisco CNNA Security		
Network Security CMIT 370 Administering Windows Server CMIT 451 Implementing Cisco IP Routing CMIT 425 Advanced Information Systems Security		
Digital Forensics CCJS 321 Digital Forensics in the Criminal Justice System CMIT 424 Digital Forensics Analysis and Application CMIT 440 Mobile Forensics CMIT 460 Network Forensics		
CAPSTONE COURSE FOR MAJOR (3 credits) ***To be taken in last 15 credits***		
◆ CMIT 495 Current Trends and Projects in Computer Networks and Security (3) *Required capstone course for major*		
MINOR OR ELECTIVES (15 credits, at least 9 credits upper level for minor) Complete in last 60 credits along with major courses.		
See requirements of individual minor		
ADDITIONAL ELECTIVES (31 credits)		
Choose any courses to meet 120 credits for degree. Note minimum requirements for upper-level coursework. Complete in last 60 credits along with major and minor courses. Recommended: MATH 140 Calculus I and IFSM 301		
TOTAL: 120 CREDITS		

◆ Required courses for major