



**Harrisburg Area Community College
Associate of Applied Science Transfer Information**

HACC Course	UMUC Placement	Credits
UMUC GENERAL EDUCATION REQUIREMENTS (GenEd)		
Communications (9 credits):		
• ENGL 101	Writing GenEd	3
• ENGL 102; recommended choice	WRTG 101	3
• COMM 101 or 203	Speech/communications	3
Arts and Humanities (3 credits):		
• ENGL 206 or any other course from the Humanities and Arts Core A list that fulfills the diversity requirement	Arts/humanities	3
Mathematics (3 credits):		
• MATH 103; recommended math choice from the Mathematics, Natural and Physical Sciences Core C list	MATH 107	3
Social and Behavioral Sciences (3 credits):		
• Any course from the Social and Behavioral Sciences Core B list except COMM, GIS, or HIST	Social/behavioral sciences	3
ADDITIONAL COURSEWORK FROM HACC (51 credits): Courses may place in major, minor, or electives as appropriate		
• Physical Education and Wellness		1
• CIS 110; recommended Free Elective	IFSM 201 Computing GenEd	3
• Additional AAS courses	See major lists for specific courses	47
Total HACC Credits: 69		

Harrisburg Area Community College
Additional Computer Networking Technology AAS Degree Information

The following HACC courses may also apply to UMUC bachelor's degrees. Note limits on lower-level and non-resident credit.

◆ required course for the major

* course meets content requirement but not upper-level minimum

BS in Computer Networks and Security	UMUC Placement	Credits
◆ CIS 222*	◆ CMIT 368* core course for major	3
◆ CIS 264*	◆ CMIT 391* supplemental course for major	3
◆ CIS 224*	◆ CMIS 330* supplemental course for major	4
CIS 227	second computing GenEd	3
CNT 120		3
◆ CNT 125	◆ CMIT 265 foundation course for major	4
CNT 130		3
CNT 140		3
CNT 220		5
◆ ELEC 126	◆ CMIT 202 foundation course for major	4
Computer Programming Elective		3
Program Specific Electives		9
Additional courses may be applied as GenEds, major, minor, or electives as appropriate towards the BS in Computer Networks and Security		

Completion at UMUC (51 credits):

Students following the recommended transfer course plan will need 17 credits in additional General Education coursework from UMUC, including:

- LIBS 150
- BIOL 103 or other biological/physical sciences GenEd course with laboratory
- NSCI 362 or other upper-level biological/physical sciences GenEd course
- ARTH 372 or HIST 365 or other upper-level historical perspectives GenEd course from a second discipline
- GVPT 401 or other upper-level social/behavioral sciences GenEd course from a second discipline
- WRTG 391, 393, or 394

Students must also meet all bachelor's degree requirements including:

- Total of 120 credits for the bachelor's degree
- All required courses and the minimum number of credits for major and minor
- 30 credits at UMUC, including at least half the major and minor and 15 upper-level credits
- 45 upper-level credits, including half the credit for the major and minor
- Prerequisites for all courses taken at UMUC
- Grade of C or better in all transfer coursework and all coursework for the major and minor
- Overall GPA of at least 2.0

Refer to UMUC catalog for transfer policies, most current degree requirements, full course descriptions, and other recommended coursework from UMUC.