Harrisburg Area Community College
Associate of 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 choice from the Mathematics, Natural and Physical Sciences Core C list	MATH 107	3
Social and Behavioral Sciences (6 credits):		
• Any course from the Social and Behavioral Sciences Core B list except COMM, GIS, or HIST	Social/behavioral sciences	3
• Any course from a different discipline from the Social and Behavioral Sciences Core B list except COMM, GIS, or HIST	Social/behavioral sciences	3
Biological and Physical Sciences (3 credits):		
• Any course from the Natural and Physical Sciences Core C list except BTC or METR	Biological/physical sciences	3
ADDITIONAL COURSEWORK FROM HACC (44-45 credits): **Courses may place in major, minor, or electives as appropriate**		
• Physical Education and Wellness		1
• CIS 110; recommended General Transfer Elective course	IFSM 201 Computing GenEd	3
• Additional AS courses	See major lists for specific courses	40-41
Total HACC Credits: 68-69		

Harrisburg Area Community College
Additional Computer Information Security AS 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
MATH 104; Core C requirement	MATH 108	3
◆ CIS 222*	◆ CMIT 368* core course for major	3
CIS 264	second computing GenEd	3
CISE 200		3
CNT 120		3
◆ CNT 125	◆ CMIT 265 foundation course for major	4
CNT 220		5
◆ CPS 121	◆ CMIS 141 supplemental course for major	3
CPS 161		3
◆ CPS 162 or CPS 230	◆ CMIS 242 supplemental course for major	3
MATH 119	MATH 115	4
MATH 121 or MATH 125	MATH 140 or CMSC 150	3-4

Additional courses may be applied as GenEds, major, minor, or electives as appropriate towards the **BS in Computer Networks and Security**

Completion at UMUC (51-52 credits):

Students following the recommended transfer course plan will need 11 credits in additional General Education coursework from UMUC, including:
- LIBS 150
- BIOL 103 or other biological/physical sciences GenEd course with laboratory
- ARTH 372 or HIST 365 or other upper-level historical perspectives 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 <u>and</u> 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.