



Community College of the Air Force Electronic Systems Technology (4VHP) to B.S. Computer Studies at UMUC

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

CCAF Course or Course Choice	UMUC Course or Equivalent Course from Other Institution	Credits	Notes
General Education Courses (15 credits) – UMUC Coursework			
Oral communication	SPCH 100 or SPCH 470	3	Or other SPCH or WRTG course for third communication requirement
Writing	ENGL 101	3	First communication requirement (freshman composition)
Mathematics	MATH 107 or higher	3	Math requirement
Social science	GVPT 170 or SOCY 100	3	Or other first social/behavioral science course
Humanities	PHIL 140 or ENGL 240	3	Or other first arts/humanities course
Physical Education (4 credits)			
Physical education/basic training		4	Applied as Free Electives toward degree
Leadership Management, Military Studies (6 credits)			
LMMS requirement		6	Most coursework will apply to the Free Electives area.
Technical Education (24 credits)			
12 credits technical core 12 credits technical core or technical electives		24	Most coursework will apply to the Free Electives area. Some specific courses, depending upon content, may apply to the major area or for GERS.
Program Electives (15 credits)			
Technical education, LMMS or Gen Ed courses; natural science; foreign language credit		15	Most coursework will apply to the Free Electives area. Some may apply to General Education or major requirements.
CCAF credits (60-64 credits)			
<p>Notes: A maximum of 21s.h. of coursework considered vocational-technical in nature are transferable.</p> <p>This program comparison assumes 30 s.h. in General Education and Program Electives are taken from UMUC. Subject to transfer credit limitations, more transfer credit may be applicable to the degree. If the actual number is more, fewer credits in UMUC coursework may be required and/or additional credits available for UMUC electives. This will be determined when transcripts are reviewed and degree audit prepared. UMUC courses will always fit both CCAF and UMUC degree. Listed courses from other institutions must be articulated..</p>			



UMUC Course	Credits	Notes
General Education Courses (26 credits)		
If satisfied in CCAF program or technical electives, these credits available for electives in the bachelor's degree		
LIBS 150	1	Required GER course
COMM 390	3 UL	Or other second writing course (if satisfied in CCAF writing Gen Ed, then take ENGL 101/101X and another UL course)
CMST 303	3 UL	Required first computing course (if UL minimum is filled, may substitute IFSM 201)
HIST or ARTH course	3 UL	Second arts/humanities GER (if history is used for social science in CCAF Gen Ed, then substitute second social science course)
NSCI 100 and NSCI 101	4	Or other 4-credit biological/physical sciences GER course w/ lab
Social science course (different discipline than the first)	3 UL	Second behavioral/social science
NSCI 362	3 UL	Or other upper level course to fulfill the biological/physical science GER
IFSM 300	3 UL	Or ACCT 326 for second computing GER
COMM 394 or COMM 394X	3 UL	Or other upper level intensive writing GER course; COMM 393/393X or ENGL 391/391X
Remaining Courses Needed for UMUC Major (30 credits)		
If satisfied in CCAF program or technical electives, these credits available for electives in the bachelor's degree. At least half the major must be upper-level credit and at least 45 credits in the degree must be upper level.		
◆ CMIS 141	3	◆ Required course for major
◆ IFSM 300 or 310, or CMST 340	3 UL	◆ Required foundation course for major
◆ IFSM 300 or 310, or CMST 340	3 UL	◆ Second foundation course for major
◆ Supplemental courses: Any CMST, CMIS, CMIT, CMSC, IFSM	3	◆ Supplemental course for major The following CCAF coursework will apply to this category, subject to other limitations: CMR 2770; EDP 1101, EDP 1106, 1118, 1128, 1131, 1132, 1136, 1137, 1138, 1139, 1202, 1203, 1702, 1733, 2135, 2136, 2152, 2168, 2183, 2185, 2201, 2203, 2206, 2207, 2404, 2614, 2616, 2621.
◆ Supplemental courses: Any upper level CMST, CMIS, CMIT, CMSC, IFSM	18 UL	◆ Supplemental course for major
TOTAL: 120 CREDITS		
A degree with a major in computer studies requires the successful completion of 120 credits of coursework, including 30 credits for the major; 41 credits in general education requirements; and 49 credits in electives, and other degree requirements. At least 15 credits in the major must be earned in upper-level courses (numbered 300 or Above).		
CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS See catalog for overview of all requirements.		
<input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper level credits. <input type="checkbox"/> 45 upper-level credits, including half the credit for the major and for the minor. <input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor. <input type="checkbox"/> Prerequisites for major and minor courses, if needed. <input type="checkbox"/> All General Education Requirements. <input type="checkbox"/> Maximum of 70 credits in transfer from community college. <input type="checkbox"/> Maximum of 21 credits vocational-technical coursework. <input type="checkbox"/> Grade of C or better in all courses for the major and minor. <input type="checkbox"/> Overall GPA of at least 2.0. <input type="checkbox"/> At least half the credit for the major earned through graded coursework. <input type="checkbox"/> For general policies on applicability of non-collegiate and transfer credit, see the <i>Undergraduate Catalog</i> . <input type="checkbox"/> Total 120 credits.		