



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 Placement or Equivalent	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 that a minimum of 3 s.h. of CCAF coursework in LMMM, technical education, or program electives will be applicable to General Education or supplemental major requirements. If the actual number is more, additional credits will be available for UMUC electives.</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														
Note: Excess of 120 credits to meet upper level minimum. If CCAF technical and elective courses fill UMUC lower level requirements, total will be 120.														
CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS See catalog for overview of all requirements.														
<table border="0"> <tr> <td><input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper level credits.</td> <td><input type="checkbox"/> Maximum of 21 credits vocational-technical coursework.</td> </tr> <tr> <td><input type="checkbox"/> 45 upper-level credits, including half the credit for the major and for the minor.</td> <td><input type="checkbox"/> Grade of C or better in all courses for the major and minor.</td> </tr> <tr> <td><input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor.</td> <td><input type="checkbox"/> Overall GPA of at least 2.0.</td> </tr> <tr> <td><input type="checkbox"/> Prerequisites for major and minor courses, if needed.</td> <td><input type="checkbox"/> At least half the credit for the major earned through graded coursework.</td> </tr> <tr> <td><input type="checkbox"/> All General Education Requirements.</td> <td><input type="checkbox"/> For general policies on applicability of non-collegiate and transfer credit, see the <i>Undergraduate Catalog</i>.</td> </tr> <tr> <td><input type="checkbox"/> Maximum of 70 credits in transfer from community college.</td> <td><input type="checkbox"/> Total 120 credits.</td> </tr> </table>			<input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper level credits.	<input type="checkbox"/> Maximum of 21 credits vocational-technical coursework.	<input type="checkbox"/> 45 upper-level credits, including half the credit for the major and for the minor.	<input type="checkbox"/> Grade of C or better in all courses for the major and minor.	<input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor.	<input type="checkbox"/> Overall GPA of at least 2.0.	<input type="checkbox"/> Prerequisites for major and minor courses, if needed.	<input type="checkbox"/> At least half the credit for the major earned through graded coursework.	<input type="checkbox"/> All General Education Requirements.	<input type="checkbox"/> For general policies on applicability of non-collegiate and transfer credit, see the <i>Undergraduate Catalog</i> .	<input type="checkbox"/> Maximum of 70 credits in transfer from community college.	<input type="checkbox"/> Total 120 credits.
<input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper level credits.	<input type="checkbox"/> Maximum of 21 credits vocational-technical coursework.													
<input type="checkbox"/> 45 upper-level credits, including half the credit for the major and for the minor.	<input type="checkbox"/> Grade of C or better in all courses for the major and minor.													
<input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor.	<input type="checkbox"/> Overall GPA of at least 2.0.													
<input type="checkbox"/> Prerequisites for major and minor courses, if needed.	<input type="checkbox"/> At least half the credit for the major earned through graded coursework.													
<input type="checkbox"/> All General Education Requirements.	<input type="checkbox"/> For general policies on applicability of non-collegiate and transfer credit, see the <i>Undergraduate Catalog</i> .													
<input type="checkbox"/> Maximum of 70 credits in transfer from community college.	<input type="checkbox"/> Total 120 credits.													