



# University of Maryland University College

Navy College Program Distance Learning Partnership Degree Map for Bachelor of Science in Computer Studies										(Submarine) Rating: FT Rank: E6				
UMUC Degree Requirements										Potential credits awarded:				
30 semester hours of UMUC coursework; 45 semester hours of Upper-Level coursework At least 15 semester hours of computer major courses with UMUC 30 semester hours maximum of Navy rating credit Maintain GPA of 2.0 or better										Recruit Training 3 Rating Credit (8/06-present) 30 Total Applicable 33				
For more information, please visit UMUC online at <a href="http://www.umuc.edu/military">www.umuc.edu/military</a> . You may also call 877-275-8682 or e-mail <a href="mailto:military@umuc.edu">military@umuc.edu</a> to consult with an advisor.										Note: All credit, including military and non-traditional credit, will be reviewed at the time of an official evaluation.				
Degree Requirements			Credit Hours Awarded							Hours Still Needed	SOC Course Cat. #	Notes		
Course Number	Course Title	Hours for Degree	Resident	Transfer	Service School	Rating	CLEP	DSST	ECE				Cert. Exam	Other
<b>Communications (12sh)</b>														
WRTG101	Intro to Writing	3										3		
	Other writing	3										3		
	Writing, Speech or Comm	3										3		
	Upper Level Intensive Writing	3										3		UL
<b>Arts &amp; Humanities (6sh)</b>														
	Historical Perspective Course	3										3		2 areas
		3										3		
<b>Social &amp; Behavioral Science (6sh)</b>														
		3										3		2 areas
		3										3		
<b>Mathematics (3sh)</b>														
	MATH 106, 107 or higher	3										3	MH065B	or MH048B
<b>Biological/Physical Sciences (7sh)</b>														
	Lab Science	4										4		
	Natural Science	3										3		
<b>Library Skills (1sh)</b>														
LIBS150	Information Literacy/Research Mth	1										1		
<b>Computer Courses (6sh)</b>														
	IFSM201 or CMST303	3										3	CS001B	
	CMIS102/102A or another computer course	3										3	CS011B	
<b>Major Requirements (30sh)</b>														
<b>Programming Requirement (3sh)</b>														
	CMIS141/141A, CMSC130 or CMST306	3										3	CS042B	
<b>Foundation Courses (6sh)</b>														
	Select two courses from: CMIS241 or	3										3	CS009B or MG501B	
	CMSC230, CMST340, IFSM300, IFSM310	3										3	CS031B	UL
<b>Supplemental Computer Courses (21sh)</b>														
		3										3		UL
		3										3		UL
		3										3		UL
		3										3		UL
		3										3		UL
		1										1		
CMIT	LAN Administration	2					2					0		NER-FT1
CMTR	Digital Circuits/Computer Systems/LAN	3					3					0		NER-FT1
<b>Optional Minor or Electives (15sh)</b>														
	Minor/Elective Course	3										3		UL
	Minor/Elective Course	3										3		UL
	Minor/Elective Course	3										3		UL
	Minor/Elective Course	3										3		UL
	Minor/Elective Course	3										3		UL
<b>Electives (34sh)</b>														
	Elective Course	3										3		UL
	Elective Course	3										3		UL
UL-ELEC	Shop Management	3					3					0		NER-FT1
MGST160	Personnel Supervision	3					3					0		NER-FT1
ELEC	Energy Conversion	2					2					0		NER-FT1
VTCH	Advanced Electronics Troubleshooting	2					2					0		NER-FT1
VTCH	Fiber Optics	1					1					0		NER-FT1
VTCH	Electric Circuits	3					3					0		NER-FT1
VTCH	Electrohydraulic/Electromechanical Maint	3					3					0		NER-FT1
ELEC	Industrial Safety and Security	1					1					0		NER-FT1
VTCH	Electrical/Electronic Troubleshooting	1					1					0		NER-FT1
ELEC	Nautical Science (Navigation)	3					3					0		NER-SN
ELEC	Nautical Science (Seamanship)	3					3					0		NER-SN
	Recruit Training	3				3						0		NV-2202-0165
<b>TOTALS</b>		120	0	0	0	3	30	0	0	0	0	0	87	

When student enrolls in another SOCAD, SOCNAV, SOCMAR, or SOCCOAST college, consult the *SOCAD Handbook* for courses that will have guaranteed transfer back to the student's home college to complete degree requirements.

**Student:** After completing courses at another SOCAD/NAV/MAR/COAST college, request that an official transcript of your grades be sent to your home college, so that you may receive credit towards your degree.