

SOCAD ARMY DEGREE – GENERAL

ARMY OCCUPATIONAL SPECIALTY
CMF 25 Communications and Visual Information Systems Operation
MOS 25B Information Technology

SOCAD-4 NETWORK – Information Systems Management

COLLEGE AND DEGREE
University of Maryland University College
Bachelor of Science – Information Systems Management

DEGREE OBJECTIVE – UMUC Bachelor’s degree in Information Management Systems (IFMS) is designed to provide students with the skills needed to support information technology in corporate decision making through the design and implementation of high-quality information systems in the workplace.

POINT OF CONTACT
Military Advising Team
University of Maryland University College
3501 University Boulevard, Adelphi, Maryland 20783
1-877-275-8682; FAX 301-985-7748; military@umuc.edu, www.umuc.edu

ACADEMIC RESIDENCY – 25 percent (30 semester hours), of which 15 semester hours must be upper-level (300-499). At least half of the credit applied toward the major (15 semester hours) must be taken through UMUC; at least half of the credit applied toward the major must be Upper-Level coursework. At least half of the credit applied toward the major must be earned through graded coursework. UMUC distance learning courses can meet this requirement.

HOW TO USE THE DEGREE PLAN

CONTENTS

- 1. OVERVIEW** - Degree plan type, MOSs covered, college and degree, objective, contact, residency. (above)
- 2. DEGREE REQUIREMENTS SUMMARY** - A table of degree requirements with options marked. (next page)
- 3. REQUIREMENT PAGES** - A series of individual Requirement pages showing the details behind the summary Xs. Appendix III explains how to use them.
- 4. APPENDIX I - MILITARY-RELATED EXPERIENCES APPLIED TO THIS DEGREE** - A list of Army schools, MOSs, and relevant licenses/certificates considered as possible sources of credit for this degree. If you have others, inform the person assisting you with your credit evaluation. This is primarily a reference used to verify that all sources have been considered.
- 5. APPENDIX II - EXAMPLES OF CREDIT OUTCOMES** - A summary of degree requirements met and remaining for a typical soldier completing BNCOC or WOBC.
- 6. Appendix III - HOW TO USE REQUIREMENT PAGES** - Explains how to pursue the credit sources.
- 7. APPENDIX IV - SELECTING THE RIGHT DEGREE** - Points to consider in making your degree choice.

HOW TO PROCEED

Use the resources mentioned above to determine whether this is the right degree for you. If you are unsure, review Selecting the Right Degree, Appendix IV. If you will soon complete BNCOC or WOBC, look at Appendix II and estimate your status. If not, or if you want a more complete picture, check the Requirements pages to determine how many you have met, how many remain, and how you might satisfy them. Consult your Army Education Center counselor or use the contact information shown above to enroll. Ask the college for an official evaluation and a SOCAD Student Agreement based on this degree plan. It will show exactly what you must do to complete the degree. Decide which remaining requirement to pursue next; go to its individual Requirement page and explore your options. Repeat the last step until you have met all the degree requirements for graduation.

DEGREE REQUIREMENTS SUMMARY

University of Maryland University College
Bachelor of Science — Information Systems Management

REQUIREMENT		SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIF- CATION/ LICENSURE	DISTANCE LEARNING
A	WRTG 101 Introduction to Writing	3	X					X
B	WRTG (writing course)	3	X			X		X
C	Writing or Speech course	3	X		X	X		X
D	Upper level Intensive Writing Course	3						X
E	Arts & Humanities Electives (one to be Historical Perspective) (two disciplines)	6	X			X		X
F	Social & Behavioral Sciences Electives (two disciplines)	6	X		X	X		X
G	Biological & Physical Sciences Electives, one course must have a laboratory	7	X			X		X
H	MATH 106 Finite Mathematics OR MATH 107 College Algebra (or higher level math)	3	X			X		X
I	STAT 200 Introduction to Statistics	3	X			X		X
J	LIBS 150 Information Literacy and Research Methods	1						X
K	IFSM 201 Introduction to Computer-Based Systems OR CMST 303 Advanced Application Software	3	X			X		X
L	CMIS 102 Introduction to Problem Solving and Algorithm Design OR CMIS 102A Fundamental of Programming I	3	X					
M	CMIS 141 Introductory Programming OR CMIS 141A Fundamentals of Programming OR CMST 306 Introduction to Visual Basic Programming OR Other Approved Programming Course	3	X			X		X

Continued

N	Required IFSM Courses: IFSM 300 Information Systems in Organization; IFSM 310 Software and Hardware Concepts; IFSM 410 Database Concepts; IFSM 461 Systems Analysis and Design	12	X					X
O	300-400 Level IFSM Courses	6	X					X
P	400 Level IFSM Course	3	X					X
Q	Supplemental Courses: IFSM, CMIS, CMIT, CMSC, or CMST	6	X	X	X			X
R	Free Electives	46 ##	X	X	X	X		X
	TOTAL	120 #						

- An "X" indicates that the college guarantees to accept credit from the source shown for at least part of the requirement. See details for credit awarded and for each particular requirement on the following pages.
- **# Students must complete a minimum of 45 Upper-Level coursework.**
- **## Students can use Free Electives to complete a minor** (http://umuc.edu/prog/ugp/mjr_chart_online.shtml). Contact university POC for more information.
- **Requirement Q:** A maximum of 6 SH of lower-level and/or upper-level ACE-recommended credit can be applied to degree requirement. Excess credit can be applied to Requirement R, Free Electives.
- Soldiers can earn a maximum of 60 SH for their Army training and experience, including a maximum of 30 SH for MOS experience, based on a review of their AARTS transcripts.
- **DANTES Independent Study Catalog** (www.dantes.doded.mil) – Courses will be evaluated for transfer credit on a case-by-case basis; contact your academic advisor for guidance on selecting appropriate courses that may be applied to your degree program.
- ECE=Excelsior College Examination Program
- If a **25B** soldier has completed any certification listed on the COOL web site (<https://www.cool.army.mil/25B.htm>), he or she should contact the University of Maryland University College Point of Contact to find out how, if any, course credit can be awarded. Course credit, if awarded, would be based upon an individual evaluation of a soldier's record.
- [Brackets] indicate equivalent UMUC course.

DEGREE REQUIREMENT A

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
WRTG 101 Introduction to Writing	3	X					X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

EN023B – English Composition with Research Paper

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category number shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

WRTG 101 or equivalent may not be earned through credit by examination.

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance):

(Offerings may vary-see current listings.)

WRTG 101 Introduction to Writing 3 SH

DEGREE REQUIREMENT B

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFICATION/LICENSURE	DISTANCE LEARNING
WRTG (writing course)	3	X			X		X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

EN032B – Technical Writing (*must be from English department)

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category number shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

CLEP – English Composition	3 SH
CLEP – Freshman College Composition	3 SH
ECE – English Composition	3 SH
DANTES SST – Technical Writing	3 SH

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance) Partial listing:

(Offerings may vary-see current listings.)

ENGL 303 Critical Approaches to Literature	3 SH
JOUR 201 Writing for the Mass Media	3 SH
WRTG 390 Writing for Managers.....	3 SH
WRTG 391 Advanced Expository and Research Writing	3 SH
WRTG 393 Technical Writing.....	3 SH
WRTG 393X Technical Writing.....	3 SH
WRTG 394 Business Writing	3 SH
WRTG 496 Writing for the Computer Industry	3 SH

Any course listed in the *DANTES Independent Study Catalog* under codes 11.07.00 Composition; 11.08.00 Creative Writing; 04.06.02 Technical Writing; 04.07.00 Journalism; 04.07.02 Feature Writing; or 04.07.05 News Writing.

DEGREE REQUIREMENT C

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFICATION/LICENSURE	DISTANCE LEARNING
Writing or Speech course	3	X		X	X		X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

CM005B – Oral Communication Fundamentals

EN032B – Technical Writing (*must be from English department)

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category numbers shown above.

MOS

Not applicable

ARMY SCHOOL

AR-1408-0148, Sergeants Major Course-resident

(10/06-Present) Communications 3 SH

(9/95-10/06) Interpersonal communication 3 SH

TESTS

CLEP – English Composition 3 SH

CLEP – Freshman College Composition 3 SH

DANTES SST – Principles of Public Speaking 3 SH

DANTES SST – Technical Writing 3 SH

ECE – English Composition 3 SH

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance) Partial listing:

(Offerings may vary-see current listings.)

ENGL 303 Critical Approaches to Literature 3 SH

JOUR 201 Writing for the Mass Media 3 SH

Any SPCH course 3 SH

WRTG 391 Advanced Expository and Research Writing 3 SH

Any WRTG course 3 SH

Any course listed in the *DANTES Independent Study Catalog* under codes 11.07.00 Composition; 11.08.00 Creative Writing; 04.06.02 Technical Writing; 04.07.00 Journalism; 04.07.02 Feature Writing; 04.07.05 News Writing; 04.10.00 Speech; or 04.10.01 Business & Professional Speech.

DEGREE REQUIREMENT D

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
Upper level Intensive Writing Course	3						X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

Not applicable

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

Not applicable

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance):

(Offerings may vary-see current listings.)

WRTG 391 Advanced Expository and Research Writing 3 SH
 WRTG 393 Technical Writing..... 3 SH
 WRTG 394 Business Writing 3 SH

DEGREE REQUIREMENT E

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
Arts & Humanities Electives (one to be Historical Perspective) (two disciplines)	6	X			X		X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

PL081B – Ethics

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category number shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

CLEP General – Humanities	6 SH
CLEP General – Social Sciences and History	3 SH
CLEP – American Literature	3 SH
CLEP – Analyzing and Interpreting Literature.....	3 SH
CLEP – English Literature	3 SH
CLEP – History I Early Colonization to 1877	3 SH
CLEP – History II 1865 to Present	3 SH
CLEP – Western Civilization I Ancient Near East to 1648	3 SH
CLEP – Western Civilization II 1648 to Present	3 SH
CLEP – College Level French, German, or Spanish	3 SH
DANTES SST – Art of Western World	3 SH
DANTES SST – Ethics in America.....	3 SH
DANTES SST – Introduction to World Religions	3 SH
DANTES SST – Contemporary Western Europe 1946-1990.....	3 SH
DANTES SST – Introduction to the Modern Middle East	3 SH
DANTES SST – Civil War & Reconstruction.....	3 SH
DANTES SST – Rise & Fall of the Soviet Union.....	3 SH
ECE – History of Nazi Germany	3 SH
ECE – The American Dream (Part I)	3 SH
ECE – Ethics: Theory and Practice	3 SH
ECE – Religions of the World	3 SH

Continued

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance) Partial listing:

(Offerings may vary-see current listings.)

ENGL/HUMN 364 African American Authors Since 1900	3 SH
ENGL 425 Modern British Literature	3 SH
ENGL 433 American Literature: 1914 to the Present, the Modern Period.....	3 SH
ENGL 498 Creative Writing	3 SH
Any ARTH course	3 SH
Any ENGL Literature course except ENGL 303	3 SH
Any HIST course	3 SH
Any HUMN course.....	3 SH
Any PHIL course	3 SH
Any Foreign Language.....	3 SH

Any course listed in the *DANTES Independent Study Catalog* under codes 08.00.00 Fine & Applied Arts; 11.00.00 Language Arts; 17.00.00 Philosophy, Religion, and Theology; or 20.07.04 State History; 20.07.05 United States History; 20.07.06 Western Civilization; 20.07.07 World Civilization; 20.07.08 World History; 20.07.09 European History; 20.07.10 Asian History; 20.07.11 History of Religion; 20.07.12 History of Sports; or 20.07.99 Other History.

DEGREE REQUIREMENT F

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
Social & Behavioral Science Electives (two disciplines)	6	X		X	X		X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

AN001B – Introduction to Anthropology AN002B – Cultural Anthropology EC106B - Econometrics EC201B – Macroeconomics EC202B – Intermediate Macroeconomics EC203B – Money and Banking EC301B – Microeconomics EC302B – Intermediate Microeconomics EC401B – International Finance and Economics EC402B – Comparative Economic Systems ED001B – Educational Psychology GE001B – Introduction to Geography GE023B – World Regional Geography PO077B – American Government PO081B – International Relations PS101B – Introduction to Psychology PS102B – History and Systems of Psychology PS107B – Psychological Tests and Measurements	PS109B – Forensic Psychology PS114B – Internship/Practicum in Psychology PS202B – Child Psychology PS204B – Adolescent Psychology PS205B – Adult Psychology PS301B – Social Psychology PS305B – Organizational/Industrial Psychology PS306B – Cross-Cultural Psychology PS402B – Psychology of Adjustment PS403B – Motivation PS601B – Cognitive Psychology PS602B – Psychology of Learning PS603B – Sensation and Perception PS701B – Counseling Psychology PS704B – Behavior Modification SO101B – Introduction to Sociology SO002B – Social Problems
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Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category numbers shown above.

MOS

Not applicable

ARMY SCHOOL

AR-1408-0149, Sergeants Major Course non-resident
 (9/95-10/08) International relations..... 3 SH

TESTS

CLEP General – Social Sciences & History	3 SH
CLEP – Human Growth & Development	3 SH
CLEP – Introductory Psychology	3 SH
CLEP – Introductory Sociology	3 SH
CLEP – American Government.....	3 SH
CLEP – Principles of Microeconomics	3 SH
CLEP – Principles of Macroeconomics	3 SH

Continued

DANTES SST – General Anthropology	3 SH
DANTES SST – Lifespan Developmental Psychology	3 SH
DANTES SST – Human/Cultural Geography	3 SH
DANTES SST – Criminal Justice.....	3 SH
DANTES SST – Money and Banking.....	3 SH
ECE – Research Methods in Psychology.....	3 SH
ECE – Abnormal Psychology	3 SH
ECE – Psychology of Adulthood and Aging	3 SH
ECE – Life span Development Psychology	3 SH
ECE – World Population.....	3 SH

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance) Partial listing:

(Offerings may vary-see current listings.)

ECON 201 Principles of Macroeconomics	3 SH
ECON 203 Principles of Microeconomics.....	3 SH
Any ANTH course.....	3 SH
Any BEHS course.....	3 SH
Any ECON course except Consumer ECON.....	3 SH
Any GOVT course.....	3 SH
Any PSYC course	3 SH
Any SOCY course	3 SH

Any course listed in the *DANTES Independent Study Catalog* under code 20.00.00 Social Sciences course EXCEPT History courses which UMUC includes in the Humanities.

DEGREE REQUIREMENT G

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
Biological & Physical Science Electives, (one course must be a laboratory course).	7	X			X		X

The college guarantees to accept the following:

CREDIT SOURCE

BL002B – Biology Survey (with Laboratory)
CH003B – General Chemistry
PY003B – General Physics
PY005B – Calculus-Based Physics

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category numbers shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

CLEP General – Natural Science	6 SH
CLEP General – Biology.....	6 SH
CLEP General – Chemistry.....	6 SH
DANTES SST – Astronomy	3 SH
DANTES SST – Physical Geology	3 SH
DANTES SST – Physical Science I	3 SH
DANTES SST – Environment & Humanity	3 SH
ECE – Anatomy and Physiology	6 SH
ECE – Microbiology.....	3 SH
ECE – Pathophysiology	3 SH
(These tests do not meet the laboratory requirement)	

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance) Partial listing:
 (Offerings may vary-see current listings.)

ASTR 100 Introduction to Astronomy	3 SH
BIOL 101 Concepts of Biology	3 SH
BIOL 102 Laboratory in Biology	1 SH
BIOL 211 Environmental Science.....	3 SH
BIOL 181 Life in the Ocean	3 SH
BIOL 220 Human Genetics.....	3 SH
Any other BIOL or NSCI course with related laboratory	3 SH

Any course listed in the *DANTES Independent Study Catalog* under code 16.00.00 Natural Sciences.

DEGREE REQUIREMENT H

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
MATH 106 Finite Mathematics OR MATH 107 College Algebra (or higher level math)	3	X			X		X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

MH048B – College Algebra
MH049B – Trigonometry
MH054B – Pre-Calculus
MH055B – Calculus I

MH056B – Calculus II
MH059B – Linear Algebra
MH065B – Finite Mathematics

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category numbers shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

CLEP – College Algebra..... 3 SH
 CLEP – College Algebra-Trigonometry 3 SH
 CLEP – Calculus..... 6 SH
 CLEP – Trigonometry 3 SH

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance)
 (Offerings may vary-see current listings.)

MATH 106 Finite Mathematics..... 3 SH
 MATH 107 College Algebra 3 SH

Any algebra, pre-calculus, calculus, or differential equations course listed in the *DANTES Independent Study Catalog* under code 14.00.00 Mathematics.

DEGREE REQUIREMENT I

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
STAT 200 Introduction to Statistics	3	X			X		X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

MH053B – Introductory Statistics

MH073B – Business Statistics Survey

MH075B – Statistics for Social and Behavioral Sciences

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category number shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

DANTES SST – Principles of Statistics 3 SH
 ECE – Statistics 3 SH

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance):

(Offerings may vary-see current listings.)

STAT 200 Introduction to Statistics 3 SH

Any course listed in the *DANTES Independent Study Catalog* under code 14.09.00 Introduction to Statistics.

DEGREE REQUIREMENT J

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
LIBS 150 Information Literacy and Research Methods	1						X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

Not applicable

MOS

Not applicable

ARMY SCHOOL

Not applicable

CERTIFICATION/LICENSE

Not applicable

TESTS

Not applicable

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance):

LIBS 150 Information Literacy and Research Methods 1 SH

DEGREE REQUIREMENT K

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
IFSM 201 Introduction to Computer-Based Systems	3	X			X		X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

CS001B – Introduction to Computers

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category number shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

CLEP – Information Systems and Computer Applications 3 SH
 DANTES SST – Introduction to Computing 3 SH

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance):

(Offerings may vary-see current listings.)

IFSM 201 Introduction to Computer-Based Systems 3 SH

Any course listed in the *DANTES Independent Study Catalog* under code 05.02.00 Computer Studies, Introduction.

DEGREE REQUIREMENT L

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
CMIS 102 Introduction to Problem Solving and Algorithm Design OR CMIS 102A Fundamental of Programming I	3	X					

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

CS011B – Computer Programming Logic and Design

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category number shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

Not applicable

CERTIFICATION/LICENSE

Note: Credit awarded will be determined on a case-by-case basis from student's official transcript.

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance) (Offerings may vary-see current listings.) Partial listing:

CMIS 102 Introduction to Problem Solving and Algorithm Design..... 3 SH

CMIS 102A Fundamental of Programming I 3 SH

Any course listed in the *DANTES Independent Study Catalog* under code 05.03.01 Computer Programming Concepts.

DEGREE REQUIREMENT M

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFICATION/LICENSURE	DISTANCE LEARNING
CMIS 141 Introductory Programming OR CMIS 141A Fundamentals of Programming OR CMST 306 Introduction to Visual Basic Programming OR Other Approved Programming Course	3	X			X		X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

CS042B – Introductory Java Programming
CS061B – Introductory Visual Basic.NET Programming

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category number shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

Not applicable

CERTIFICATION/LICENSE

Note: Credit awarded will be determined on a case-by-case basis from student's official transcript.

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance):
 (Offerings may vary-see current listings.)

CMIS 141 Introductory Programming	3 SH
CMIS 141A Fundamentals of Programming	3 SH
CMST 306 Introduction to Visual Basic Programming	3 SH

Any Introductory Programming course from the *DANTES Independent Study Catalog* under code 05.99.00 Other Computer/Informational Sciences.

DEGREE REQUIREMENT N

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
Required IFSM Courses: IFSM 300 Information Systems in Organization; IFSM 310 Software and Hardware Concepts; IFSM 410 Database Concepts; IFSM 461 Systems Analysis and Design	12	X					X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

CS014B – Introduction to Database Concepts
CS031B – Computer Architecture and Operations
MG501B – Management Information Systems

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category numbers shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

Not applicable

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance):

(Offerings may vary-see current listings.)

IFSM 300 Information Systems in Organization.....	3 SH
IFSM 310 Software and Hardware Concepts	3 SH
IFSM 410 Database Concepts.....	3 SH
IFSM 461 Systems Analysis and Design	3 SH

Any **upper-division** course from the *DANTES Independent Study Catalog* under codes 05.03.00 Data Processing or 03.10.11 Information Management Systems; or any Computer Architecture course under code 05.99.00 Other Computer/Informational Sciences.

DEGREE REQUIREMENT O

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFICATION/LICENSURE	DISTANCE LEARNING
300-400 Level IFSM Courses	6	X					X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

CS017B – Data Communications
CS037B – Decision Support Systems
CS076B – Information Systems Security
CS081B – Introductory SQL Database Programming
MG502B – Project Management for Information Technology

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category numbers shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

Not applicable

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance): Partial list. Consult current UMUC catalog for complete listing
 (Offerings may vary-see current listings.)

IFSM 411 SQL.....	3 SH
IFSM 425 Decision Support and Expert Systems	3 SH
IFSM 430 Information Systems and Security	3 SH
IFSM 438 Project Management	3 SH
IFSM 450 Telecommunication Systems in Management	3 SH
IFSM 466 Object-Oriented Systems Development	3 SH

Any **upper-division** course from the *DANTES Independent Study Catalog* under codes 04.04.01 Telecommunications or 05.99.00 Other Computer/Informational Sciences (SQL, Decision Support Systems, Object-Oriented, Information Systems Security).

DEGREE REQUIREMENT P

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
400 Level IFSM Course	3	X					X

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

CS017B – Data Communications
CS037B – Decision Support Systems
CS076B – Information Systems Security
CS081B – Introductory SQL Database Programming
MG502B – Project Management for Information Technology

Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category numbers shown above.

MOS

Not applicable

ARMY SCHOOL

Not applicable

TESTS

Not applicable

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance): Partial list. Consult current UMUC catalog for complete listing
 (Offerings may vary-see current listings.)

IFSM 411 SQL..... 3 SH
 IFSM 425 Decision Support and Expert Systems 3 SH
 IFSM 430 Information Systems and Security 3 SH
 IFSM 438 Project Management 3 SH
 IFSM 450 Telecommunication Systems in Management 3 SH
 IFSM 466 Object-Oriented Systems Development 3 SH

Any **400 level** course from the *DANTES Independent Study Catalog* under codes 04.04.01 Telecommunications or 05.99.00 Other Computer/Informational Sciences (SQL, Decision Support Systems, Object-Oriented, Information Systems Security).

DEGREE REQUIREMENT Q

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
Supplemental Courses: IFSM, CMIS, CMIT, CMSC, or CMST	6	X	X	X			X

NOTE: A maximum of 6 SH of lower-level and/or upper-level ACE-recommended credit for Army training and MOS working experience can be applied to Requirement Q.

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

CS002B – Computer Operating Systems Concepts CS009B – Data Structures and Algorithms CS010B – Software Engineering CS017B – Data Communications CS021B – Programming Language Theory CS028B – Parallel Computing CS037B – Decision Support Systems CS043B – Advanced Java Programming CS047B – Object-Oriented Programming CS060B – Introduction to UNIX	CS061B – Introductory Visual Basic.NET Programming CS071B – Introduction to Networking CS076B – Information Systems Security CS081B – Introductory SQL Database Programming MG502B – Project Management for Information Technology MH064B – Discrete Mathematics OF033B – Microcomputer Business Applications
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Any college's course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook* for the category numbers shown above.

MOS

25B

74B30/40-002 (2/95-9/04)

Introduction to computers and computing	3 SH
Introduction to computer operations	3 SH
Micro computer operating systems	3 SH
Micro computer applications	3 SH
Local area network operating systems	3 SH

74B40-002 (2/95-4/04)

Advanced computer operations	3 SH
Advanced local network operating systems.....	3 SH

25D

74C30/40-002 (6/01-9/05)

Principles of data communications	3 SH
Introduction to computers and computing	3 SH
Advanced data communications	3 SH
Analysis and design of data communications systems.....	3 SH

74C40-002 (6/01-9/05)

Computer information systems internship	3 SH
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Continued

74C10-001 (11/90-9/91)	
Principles of data communications.....	3 SH
Introduction to computers and computing	3 SH
74C20-001 (11/90-2/95)	
Principles of data communications.....	3 SH
Introduction to computers and computing	3 SH
Advanced data communications.....	3 SH
74C30/40-001 (11/90-5/01)	
Principles of data communications.....	3 SH
Introduction to computers and computing	3 SH
Advanced data communications.....	3 SH

ARMY SCHOOL

25B:

AR-1402-0168, Information Systems Op-Analyst AIT	
(11/04-Present) Digital communication systems.....	3 SH
(11/04-Present) Computer systems and applications	3 SH
(11/04-Present) Computer networking fundamentals [CMIT 265].....	3 SH
(11/04-Present) Computer operating systems.....	3 SH
(11/04-Present) Information security management.....	3 SH
(10/04-10/04) Computer systems and applications	3 SH
(10/04-10/04) Computer network fundamentals [CMIT 265].....	3 SH
(10/04-10/04) Operating systems [CMST 100N].....	3 SH
(10/04-10/04) Web design	1 SH
(10/04-10/04) Database design and development	2 SH
(10/04-10/04) Digital communication.....	2 SH
(10/03-9/04) Computer systems and applications	3 SH
(10/03-9/04) Computer network fundamentals [CMIT 265].....	3 SH
(10/03-9/04) Operating systems [CMST 100N].....	3 SH
(10/03-9/04) Web design.....	1 SH
(10/03-9/04) Database design and development.....	2 SH
(10/03-9/04) Digital communication.....	2 SH
(1/02-9/03) CISCO router fundamentals [CMIT 350].....	3 SH
(1/02-9/03) Network fundamentals [CMIT 265].....	3 SH
(1/02-9/03) Windows desktop operating system	3 SH
(1/02-9/03) Windows server administration [CMIT 367].....	3 SH
(1/02-9/03) Computer applications [CMST 103]	3 SH
(10/95-12/01) Introduction to personal computers [CMST 100A]	3 SH
(10/95-12/01) Computer applications software [CMST 103].....	3 SH
(10/95-12/01) Local area networks	2 SH
AR-1402-0165, Information Systems Op Analyst BNCOC	
(6/96-Present) Computer applications software [CMST 103].....	3 SH
(6/96-Present) Data base programming	3 SH
(6/96-Present) Systems management	3 SH

25D

AR-1404-0046, Telecommunications Operator-Maintainer AIT	
(11/04-Present) Introduction to computer systems.....	3 SH
(11/04-Present) Computer operating systems	3 SH
(11/04-Present) Data communications and networking	2 SH
(1/02-1/04) Network security management	2 SH
(1/02-1/04) Communications applications software	2 SH

[Brackets] indicate equivalent UMUC course.

Continued

AR-1404-0047, Telecom Op-Maint BNCOC	
(10/04-Present) Computer networks installations and maintenance	3 SH
(10/04-Present) Network administration	3 SH
(10/04-Present) Database management	2 SH
(10/93-9/02) Computer literacy	1 SH
(10/92-9/93) Computer literacy	1 SH

25B and 25D

AR-1402-0119, Data Processing ANCOG	
(10/03-Present) Networking fundamentals	3 SH
(10/03-Present) Network systems management	3 SH
(10/03-Present) Network security [CMIT 320]	3 SH
(10/03-Present) Network implementation and design.....	3 SH
(1/98-9/03) Network systems management and control	2 SH
(1/98-9/03) Computer network installation and maintenance	2 SH
(10/95-12/97) Computer applications software	1 SH
(10/95-12/97) Data communications.....	2 SH
(10/95-12/97) Information systems management.....	2 SH
(10/95-12/97) Local area networks	2 SH
(10/91-9/95) Applications software.....	1 SH
(10/91-9/95) Data communications	2 SH
(10/91-9/95) Expert systems	3 SH
(1/90-9/91) Computer applications software	3 SH
(1/90-9/91) DB III programming.....	1 SH
(1/90-9/91) Ada Programming.....	2 SH
(1/90-9/91) Data communications	2 SH
(1/90-9/91) Information systems management	3 SH
AR-1402-0147, ADA Programming Language	
(1/91-4/04) Programming in Ada	4 SH
AR-1402-0148, C Programming Language	
(1/91-4/04) Programming in C	4 SH
AR-1402-0151, Data Processing Principles	
(1/91-4/04) Data processing principles OR Introduction to computers OR Fundamentals of programming.....	3 SH
(1/91-4/04) Computer programming in BASIC	3 SH

[Brackets] indicate equivalent UMUC course.

TESTS

Not applicable

CERTIFICATION/LICENSE

Note: Credit awarded will be determined on a case-by-case basis from student's official transcript.

Continued

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance): Partial list. Consult current UMUC catalog for complete listing.

(Offerings may vary-see current listings.)

CMSC 150 Introduction to Discrete Structures	3 SH
CMSC 230 Computer Science II	3 SH
CMSC 305 Programming and Applications in Java.....	3 SH
CMSC 311 Computer Organization	3 SH
CMSC 330 Advanced Programming Languages.....	3 SH
CMSC 412 Operating Systems	3 SH
CMSC 421 Introduction to Artificial Intelligence.....	3 SH
CMSC 452 Elementary Theory of Computing	3 SH
CMSC 480 Advanced Programming in Java.....	3 SH
CMIS 160 Discrete Mathematics for Computing.....	3 SH
CMIS 241 Data Structures and Abstraction.....	3 SH
CMIS 310 Computer Systems and Architecture.....	3 SH
CMIS 325 UNIX with Shell Programming.....	3 SH
CMIS 330 Software Engineering Principles and Techniques.....	3 SH
CMIS 320 Relational Databases	3 SH
CMIS 370 Data Communications.....	3 SH
CMIS 340 Programming in Java	3 SH
CMIS 345 Object-Oriented Design and Programming	3 SH
CMIS 440 Advanced Programming in Java	3 SH
CMIS 445 Distributed Systems	3 SH
CMIT 265 Networking Essentials	3 SH
CMST 300 Concepts in Computing	3 SH
CMST 305 Introduction to Visual Basic Programming	3 SH
CMST 306 Introduction to Visual Basic.net Programming.....	3 SH
CMST 340 Computer Applications in Management.....	3 SH
CMST 386 Internet: A Practical Guide.....	3 SH
CMST 415 Advanced Visual Basic Programming.....	3 SH
IFSM 411 SQL.....	3 SH
IFSM 425 Decision Support and Expert Systems	3 SH
IFSM 430 Information Systems and Security.....	3 SH
IFSM 438 Project Management.....	3 SH
IFSM 450 Telecommunication Systems in Management.....	3 SH
IFSM 466 Object-Oriented Systems Development.....	3 SH

Any **relevant, non-duplicating** course from the *DANTES Independent Study Catalog* under code 05.00.00 Computer and Information Science.

DEGREE REQUIREMENT R

REQUIREMENT	SH	SOCAD	ARMY MOS	ARMY SCHOOL	TESTS	CERTIFI- CATION/ LICENSURE	DISTANCE LEARNING
Free Electives	46 ##	X	X	X	X		X

Students can use Free Electives to complete a minor (http://umuc.edu/prog/ugp/mjr_chart_online.shtml).

Contact university POC for more information.

The college guarantees to accept the following:

CREDIT SOURCE

SOCAD

Any college's relevant, non-duplicating course listed in the Transferability Tables of the current *SOC Degree Network System-4 Handbook*..... 46 SH

MOS

Any relevant, non-duplicating recommended credit not previously applied. See **MILITARY-RELATED EXPERIENCES APPLIED TO THIS DEGREE**..... 46 SH

ARMY SCHOOL

Any relevant, non-duplicating recommended credit not previously applied. See **MILITARY-RELATED EXPERIENCES APPLIED TO THIS DEGREE**..... 46 SH

TESTS

Any relevant, non-duplicating CLEP, DANTES SST, or ECE test 46 SH

DISTANCE LEARNING

UMUC COURSES (www.umuc.edu/distance):

(Offerings may vary-see current listings.)

Any relevant, non-duplicating courses 46 SH

Any relevant, non-duplicating course from the *DANTES Independent Study Catalog*.

APPENDIX I

MILITARY-RELATED EXPERIENCES APPLIED TO THIS DEGREE

The college guarantees to grant the following course credits from the military-related learning experiences listed below to the extent that they match degree requirements. Maximum credit is shown for each item. It is necessary to match the credit to actual requirements, eliminating duplication and addressing instances where the credit is insufficient to meet the total requirement. For example: Is there a way to compensate for the credit short-fall or does the experience fail to meet the requirement? See the individual requirement pages for guidance and choose where the credits can most effectively be applied.

Important: This evaluation should culminate in a SOCAD Student Agreement.

MILITARY-RELATED LEARNING EXPERIENCE	A	B	OPTIONAL NOTES ON USE OF CREDIT
Basic Training, AR-2201-0399, 10/05-Present	5	5	Requirement R
Basic Training, AR-2201-0399, 3/00-9/05	5	5	Requirement R
Basic Training, AR 2201-0399, 1/90-2/00	4	4	Requirement R
AIT, 25B, AR-1402-0168, 11/04-Present	18	18	Requirements Q, R
AIT, 25B, AR-1402-0168, 10/04-10/04	17	17	Requirements Q, R
AIT, 74B, AR-1402-0168, 10/03-9/04	15	15	Requirements Q, R
AIT, 74B, AR-1402-0168, 1/02-9/03	19	19	Requirements Q, R
AIT, 74B, AR-1402-0168, 10/95-12/01	9	9	Requirements Q, R
AIT, 25D, AR-1404-0046, 11/04-Present	8	8	Requirements Q, R
AIT, 74C, AR-1404-0046, 1/02-10/04	3	3	Requirements Q, R
AIT, 74C, AR-1404-0046, 10/95-12/01	1	1	Requirements Q, R
AIT, 74C, AR-1404-0046, 10/92-9/95	1	1	Requirement R
WLC, AR-2201-0603, 10/05-Present	3	3	Requirement R
WLC (MOD), AR-2201-0604, 10/05-Present	3	3	Requirement R
PLDC, AR-2201-0253, 10/03-9/05	4	4	Requirement R
PLDC, AR-2201-0253, 10/93-9/03	4	4	Requirement R
PLDC, AR-2201-0253, 3/89-9/93	3	3	Requirement R
BNCOC, AR-1406-0090, 10/04-Present (Common Core)	3	3	Requirement R
BNCOC, AR-1406-0090, 10/01-9/04 (Common Core)	3	3	Requirement R
BNCOC, AR-1406-0090, 4/94-9/01 (Common Core)	2	2	Requirement R
BNCOC, AR-1406-0090, 1/90-3/94 (Common Core)	1	1	Requirement R
BNCOC 74B, AR-1402-0165, 6/96-Present	9	9	Requirements Q, R
BNCOC 25D, AR-1404-0047, 10/04-Present	8	8	Requirements Q, R
BNCOC 74C, AR-1404-0047, 10/02-9/04	3	3	Requirements Q, R
BNCOC, 74C, AR-1404-0047, 10/93-9/02	1	1	Requirements Q, R
BNCOC, 74C, AR-1404-0047, 10/92-9/93	1	1	Requirements Q, R
ANCOC, AR-1404-0035, 10/01-9/05 (Common Core)	4	4	Requirement R
ANCOC, AR-1404-0035, 10/00-9/01 (Common Core)	4	4	Requirement R
ANCOC, AR-1404-0035, 4/94-9/00 (Common Core)	2	2	Requirement R
ANCOC, AR-1404-0035, 1/90-3/94 (Common Core)	2	2	Requirement R
ANCOC, AR-1402-0119, 10/03-Present (25B)	12	12	Requirements Q, R
ANCOC, AR-1402-0119, 1/98-9/03 (25B)	6	6	Requirements Q, R
ANCOC, AR-1402-0119, 10/95-12/97 (25B)	9	9	Requirements Q, R
ANCOC, AR-1402-0119, 10/91-9/95 (25B)	11	11	Requirements Q, R
ANCOC, AR-1402-0119, 1/90-9/91 (25B)	13	13	Requirements Q, R
First Sergeant Course, AR-0802-0020, 10/00-Present (SQI-M)	4	4	Requirement R
First Sergeant Course, AR-0802-0020, 10/91-9/00 (SQI-M)	4	4	Requirement R
First Sergeant Course, AR-0802-0020, 1/90-9/91, (SQI-M)	6	6	Requirement R

Continued

US Army SMC, AR-1408-0148, 10/06-Present	19	19	Requirements C, R
SMC, AR-1408-0148, 9/95- 9/06	22	22	Requirements C, R
SMC, AR-1408-0148, 1/91-8/95	18	18	Requirement R
SMC, AR-1408-0148, 1/90-12/90	18	18	Requirement R
US Army SMC non-resident, AR-1408-0328, 4/06-Present	13	13	Requirement R
US Army SMC non-resident, AR-1408-0328, 10/95-3/06	3	3	Requirement R
SMC Nonresident, AR-1408-0149, 12/94-10/08	11	11	Requirements F, R
SMC Nonresident, AR-1408-0149, 7/90-11/94	12	12	Requirement R
SMC Nonresident, AR-1408-0149, 1/90-6/90	10	10	Requirement R
Battle Staff Operations, AR-2201-0579, 10/03-Present (ASI-2S)	4	4	Requirement R
Battle Staff Operations, AR-2201-0412, 1/91-9/03 (ASI-2S)	4	4	Requirement R
Master Fitness Trainer, AR-0803-0012, 1/90-10/05 (ASI-P5)	9	9	Requirement R
Air Assault, AR-2201-0456, 7/94-Present (ASI-2B)	0	0	
Airborne, AR-2201-0455, 1/02-Present	3	3	Requirement R
Airborne, AR-2201-0455, 10/92-12/01	0	0	
Jumpmaster, AR-2201-0449, 2/02-9/06 (ASI-5W)	2	2	Requirement R
Jumpmaster, AR-2201-0449, 10/90-1/02 (ASI-5W)	0	0	
ADA Programming Language, AR-1402-0147, 1/91-4/04	4	4	Requirements Q, R
C Programming Language, AR-1402-0148, 1/91-4/04	4	4	Requirements Q, R
Data Processing Principles, AR-1402-0151, 1/91-4/04	6	6	Requirements Q, R
MOS 25B (formerly 74B)			
25B10/20/30/40/50-001 (4/03-Present)			Pending evaluation
74B10-002 (2/95-9/04)			Based on individualized assessment
74B20-002 (2/95-9/04)			Based on individualized assessment
74B30-002 (2/95-9/04)	18	18	Requirements Q, R
74B40-002 (2/95-9/04)	30	30	Requirements Q, R
MOS 25D (formerly 74C)			
25D10/20/30/40/50-002 (4/04-Present)			Pending evaluation
74C10-002 (6/01-9/05)			Based on individualized assessment
74C20-002 (6/01-9/05)			Based on individualized assessment
74C30-002 (6/01-9/05)	18	18	Requirements Q, R
74C40-002 (6/01-9/05)	24	24	Requirements Q, R
74C10-001 (11/90-2/95 only)	9	9	Requirements Q, R
74C20-001 (11/90-2/95 only)	15	15	Requirements Q, R
74C30-001 (11/90-5/01)	17	17	Requirements Q, R
74C40-001 (11/90-5/01)	20	20	Requirements Q, R

Column A = Maximum credits recommended.

Column B = Maximum credits that can actually be used in this degree.

Optional—Note the requirement letter code and semester hours drawn from each experience as it is applied to a specific requirement on the following pages. The total for each experience cannot exceed the credit shown in Semester Hours column B.

Steps for Applying Military-Related Learning Experiences

1. In the first column of the preceding table, check each learning experience that can be validated for the soldier. Choose only the highest level MOS attained. If there are relevant experiences not listed above, bring them to the attention of the college evaluator.

Continued

2. Review the individual letter-coded requirements pages and devise a preliminary strategy for applying the credits.
 - A. Work from the most specific to the more general requirements (i.e., first, specific requirements; next, specific categories of electives; last, free electives).
 - B. Work from completely satisfied requirements to partially-met requirements (i.e., unless there is a satisfactory way to make up for the shortfall in credit, the requirement might not be met by the particular experience. See college policy on the letter-coded requirement page.).
 - C. Check for possible duplication by considering whether two or more credit recommendations are based on the same learning experience (e.g., was a skill credited for the MOS also granted for AIT in an instance where that MOS skill was fully learned in AIT? It is possible for a skill to be *properly* credited from two sources if the learning acquired in each setting is sufficiently different, but caution is needed to avoid duplication.)
3. Track the credits consumed in the table above, noting the requirement letter code and the semester hours applied.

APPENDIX II

EXAMPLES OF CREDIT OUTCOMES *

Actual outcome for a **25B** soldier, who started in **MOS 25B**, and completed AIT, BNCOC and holds the **25B30** MOS

	College Requirement	SH	Army Learning Experience and ACE Guide Credit Recommendation	SH Applied	SH Remaining
Q	Supplemental Courses: IFSM, CMIS, CMIT, CMSC, or CMST	6	AR-1402-0168 (11/04-Present) Information Systems Op-Analyst AIT Digital communication systems-3 SH Computer systems and applications-3 SH	6	0
P	Free Electives ***	43	AR-2201-0399 (10/05-Present) Basic Combat Training Personal conditioning-2 SH Marksmanship-1 SH Military science-2 SH AR-1402-0168 (11/04-Present) Information Systems Op-Analyst AIT PC repair and maintenance-3 SH Computer networking fundamentals [CMIT 265]-3 SH Computer operating systems-3 SH Information security management-3 SH AR-2201-0603 (10/05-Present) Warrior Leader Principles of leadership-1 SH AR-1406-0090 (10/04-Present) BNCOC Common Core Principles of supervision-2 SH Communications-1 SH AR-1402-0165 (6/96-Present) Information Systems Op Analyst BNCOC Computer applications software-3 SH Data base programming-3 SH Systems management-3 SH	30	13
	Other Requirements	71		0	71
	TOTAL DEGREE	120		36	84

*Duplicate credit not allowed.

***The number of hours for Free Electives will be reduced if students opt to complete a minor.

[Brackets] indicate equivalent UMUC course.

Continued

**Actual outcome for a 25D soldier, who started with MOS 25D, completed AIT, BNCOC,
and holds the 25B30 MOS**

	College Requirement	SH	Army Learning Experience and ACE Guide Credit Recommendation	SH Applied	SH Remaining
Q	Supplemental Courses: IFSM, CMIS, CMIT, CMSC, or CMST	6	AR-1404-0046 (11/04-Present) Telecommunications Operator-Maintainer AIT Introduction to computer systems-3 SH Computer operating systems-3 SH	6	0
P	Free Electives ***	43	AR-2201-0399 (10/05-Present) Basic Combat Training Personal conditioning-2 SH Marksmanship-1 SH Military science-2 SH AR-1404-0046 (11/04-Present) Information Systems Op-Analyst AIT Data communications and networking-2 SH AR-2201-0603 (10/05-Present) Warrior Leader Principles of leadership-1 SH AR-1406-0090 (10/04-Present) BNCOC Common Core Principles of supervision-2 SH Communications-1 SH AR-1404-0047 (10/04-Present) Telecommunications Operator-Maintainer BNCOC Computer networks installation and maintenance -3 SH Network administration-3 SH Database management-2 SH	19	24
	Other Requirements	71		0	71
	TOTAL DEGREE	120		25	95

*Duplicate credit not allowed.

***The number of hours for Free Electives will be reduced if students opt to complete a minor.

[Brackets] indicate equivalent UMUC course.

APPENDIX III HOW TO USE REQUIREMENT PAGES

1. REQUIREMENT

A college course (or the broader category shown in lieu of a course) required for the degree.

2. SH (SEMESTER HOURS)

Semester (or quarter - QH) hours of unduplicated credit needed to meet the requirement. Unduplicated means that the same learning experience cannot already have been used to satisfy another requirement, and that if you combine smaller amounts of recommended credit to meet the total, they must represent unique learning experiences.

3. SOCAD

The letter-number combinations shown represent categories of comparable courses in the SOCAD system that are guaranteed to transfer. Use the SOC Degree Network System Handbooks to find specific college courses in the categories (*SOC-2 Handbook* for associate degrees; *SOC-4 Handbook* for bachelor's degrees). The categories are found in Chapter 8 of the handbooks. Your objective is to identify a college offering a course at a location where you can attend since they are generally not distance learning courses. Once found, determine if it is currently offered and enroll using the procedures of your Army Education Center. SOC Degree Network System Handbooks are available at www.soc.aascu.org/.

4. ARMY MOS

If the requirement lists credit for your MOS, work with the college evaluator preparing your SOCAD Student Agreement to establish that it fully meets the requirement (i.e., it is worth the required number of SH) or that it can be combined with other credit sources. Avoid duplication of credit. *ACE Guide Online* is available at www.militaryguides.acenet.edu/ if you want to examine recommendations in detail.

5. ARMY SCHOOL

If the requirement lists credit for a military school you have attended, work with the college evaluator preparing your SOCAD Student Agreement to establish that it fully meets the requirement (i.e., it is worth the required number of SH) or that it can be combined with other credit sources. Avoid duplication of credit. *ACE Guide Online* is available at www.militaryguides.acenet.edu/ if you want to examine recommendations in detail.

6. CERTIFICATE/LICENSE

If the requirement lists credit for a certificate or license you hold, work with the college evaluator preparing your SOCAD Student Agreement to establish that it fully meets the requirement (i.e., it is worth the required number of SH) or that it can be combined with other credit sources. Avoid duplication of credit. Additional information is available online at <https://www.cool.army.mil>, www.acenet.edu/calec/corporate, and www.dantes.doded.mil.

7. TESTS

If the requirement lists acceptable tests and you would like to take them, consult your local Army Education Center or additional information is available at www.dantes.doded.mil.

8. DISTANCE LEARNING

If the requirement shows that distance learning courses are available, contact the college regarding its courses or examine *DANTES Independent Study Catalog* listings at www.dantes.doded.mil.

APPENDIX IV SELECTING THE RIGHT DEGREE

1. SELECTING THE RIGHT SOCAD ARMY CAREER DEGREE PLAN

There are three kinds of degree plans:

- (1) **SOCAD Army Career Degree:** Typical civilian degrees that match the specialty skills of an MOS,
- (2) **SOCAD Army Degree – General:** Typical civilian degrees with more general content, and
- (3) **SOCAD Army Degree – Specialized:** Degrees especially crafted to accommodate the uniquely military or otherwise not-easily-matched-to-civilian-courses skills of an MOS.

SOCAD ARMY CAREER DEGREE PLAN

The SOCAD Army Career Degree is based on college degrees that uniquely relate to an MOS's skills and contain specific college courses that match its competencies. (Example: A computer studies degree in which recommended credit for military learning is assigned to college courses typically found in a computer studies major.)

SOCAD ARMY CAREER DEGREE PLAN - GENERAL

The SOCAD Army Career Degree – General is based on college degrees that match the recommended credit from Army learning experiences to their requirements in more general ways.

Military credit recommendations are assigned to one or more general categories (e.g., a "Skill Area", "Career Component", "Professional Focus", "Emphasis", "Aviation Maintenance" or another broad subject area) instead of to specific college courses uniquely identified with the MOS's special competencies. Possibly useful to soldiers, but less effective in mapping MOS competencies to civilian college courses normally associated with their specialties.

The degree may have a General Studies, Management, or other broad title, possibly useful to soldiers, but not uniquely related to the MOS's special competencies (Example: A computer specialist matched to a degree in Management or General Studies rather than computer studies).

SOCAD ARMY CAREER DEGREE PLAN - SPECIALIZED

The SOCAD Army Career Degree – Specialized has many of the same qualities as the General degree except its title and major courses may be predominantly military in nature or are otherwise different than a typical civilian course for the same skill. The degree title and major courses would not typically be found in civilian higher education. As with the General Purpose degree plan, the Specialized one may be useful to soldiers but would be less effective in mapping MOS competencies to civilian college courses normally associated with their specialty. (Example: A college degree named for a military specialty and containing courses that are unique to it.)

continued

continued

2. BROADER GENERAL DEGREE CHOICES

A number of colleges offer flexible degrees that combine military credit and general education to form flexible, efficient-for-soldiers degrees. If it is not important that the soldier's degree closely resemble a civilian one in the occupational specialty (i.e., be comprised of major-area courses normally associated with the field), such a program might be appropriate. Many General Studies network curriculums found in the SOC Degree Network System-2 fit this model. Examples of Internet accessible distance learning programs of this kind can be found at: www.excelsior.edu, www.tesc.edu, www.umuc.edu, www.ctcd.edu, and others (refer to the *SOC Degree Network System-2 Handbook*, www.soc.aascu.org, Locations by Network).

3. WILL YOU CONTINUE FOR A BACHELOR'S DEGREE?

Some MOSs have bachelor's degree plans you can pursue directly without an interim associate degree. With this approach you have no transfer concerns, but if you stop short of completion you have no interim degree. An associate degree's title (e.g., AA, AS, AAS, etc.) alone will not ensure successful transfer to a bachelor's degree program. It depends more on the correct matching of the 2- and 4-year programs' course content.

Read the Degree Objective statement on the degree plan carefully. If questions remain, raise them with the bachelor's degree program to which you intend to transfer. It is important to select the right courses based on considerations like: Are they intended to transfer? Do they have a place in your bachelor's degree curriculum? Must they be taken in the upper division (junior or senior year) of a bachelor's degree institution?