

MIDDLESEX COMMUNITY COLLEGE

and

UMASS / LOWELL

COURSE EQUIVALENCY SPREADSHEET

Revised Spring 2004

GENERAL EDUCATION REQUIREMENTS

Arts & Humanities (AH) 3 courses, 9 credits

Social Sciences (SS) 3 courses, 9 credits

College Writing (2 courses, 6 credits)

Mathematics (1 course, 3 credits)

Science (SC) & Technology (TN) 3 courses, 9 credits minimum-2 courses must include experimental learning Note: no more than 1 technology or technology w/lab course may be used to satisfy this standard. At least two of the three SC & TN courses must include a lab. SC or TN courses with lab which is a corequisite. Students must take both lecture & lab to satisfy gen. ed. standard.)

Diversity (D) courses will be meet by each major

Ethics (E) courses will be meet by each major

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
BI 2101 Methods of Biotechnology	Biology Elective	81.299 Biological Sciences Course
BI 2121 Quality Control & GMP	Biology Elective	81.299 Biological Sciences Course
BI 2201 Special Topics in Biotechnology	Not Evaluated	
BI 2205 Adv. Techniques in Biotechnology	Not Evaluated	
BI 3101 Biotechnology Internship	Not Evaluated	
BU 1100 It's a Small World	Not Evaluated	
BU 1101 Intro to Business	Free Elective	69.199 Business Course
BU 1103 Business Law	Gen. Ed.-Social Science	41.262 Intro Business Law
BU 1110 Legal Environment of Business		41.365 Legal Env. Business
BU 1119 Small Business Management	Not Evaluated	
BU 1121 Business Mathematics	Not Evaluated	
BU 1123 Business Communications	English Elective	42.199 English Course
BU 1124 Interpersonal Communications in Business	Not Evaluated	
BU 1146 Tourism Geography	Not Evaluated	
BU 1241 Coop Field Experience I	No Credit	
BU 2101 Intro to Accounting I	Free Elective	60.199 Business Course
BU 2102 Intro to Accounting II	Required for Bus. Majors	60.201 Accounting/Financial
BU 2104 Financial Accounting		60.201 Accounting/Financial
BU 2105 Managerial Accounting	Required for Bus. Majors	60.202 Acct/Managerial
BU 2125 Personal Money Management	Non-Com	
BU 2201 Intermediate Accounting I	No Credit - Bus. Majors	60.RES Business Course
BU 2202 Intermediate Accounting II	No Credit - Bus. Majors	60.RES Business Course
NOTE: Student may petition BU 2201 and BU 2202 for 60.301, Intermediate Acct. I, if receive C or better in both courses		
BU 2215 Intro to Finance	Credit by exam	61.RES Business Finance
BU 2221 Taxation	No Credit - Bus. Majors	60.RES Business Course
BU 2231 Computerized Accounting		60.199 Acct/Managerial
BU 3101 Prin. of Management	Free Elective	69.201 Business Course
BU 3110 International Business	Not Evaluated	
BU 3111 Human Resource Management	No Credit - Bus. Majors	66.RES Business Course
BU 3211 International Marketing	Not Evaluated	
BU 4101 Prin. of Marketing	Required for Bus. Majors	62.201 Marketing Principles
BU 4121 Advertising	No Credit - Bus. Majors	62.RES Business Course
BU 4123 Retail Management	No Credit - Bus. Majors	62.RES Business Course
BU 4125 Sales Principles	No Credit - Bus. Majors	62.RES Business Course
BU 4135 E-Commerce Marketing	Not Evaluated	
BU 5201 Hospitality Management	No Credit	
BU 5203 Food & Beverage Management	No Credit	
BU 6102 Keyboarding	Not Evaluated	
BU 7202 Fashion & Retail Merchandising	Not Evaluated	
BU 7203 Fashion & Retail Buying	Not Evaluated	
BU 8102 Call Center Management	Not Evaluated	
BU 9101 Travel Service Management	No Credit	
BU 9105 Conference & Convention Planning	No Credit	

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
BU 9202 Prin. Marketing Honors	Not Evaluated	
BU 9203 Prin. Management Honors	Not Evaluated	
CA 1100 Computer Essentials	Not Evaluated	
CA 1101 Microcomputer Applications	Not Evaluated	
CA 1102 Intro to Information Systems	Not Evaluated	
CA 1103 Computers for Technology	Not Evaluated	
CA 1104 Word Processing Applications	No Credit	
CA 1105 Spreadsheet Applications	Free Elective	63.201 Comp Tech/Bus App
CA 1106 Database Applications	Free Elective	63.299 Business Course
CA 1107 Desktop Publishing & Presentation Graphics		70.265 Computer Art I
CD 1101 Mechanical Drafting I/Lab		22.201 Mechanical Design Lab I
CD 1102 Mechanical Drafting II/Lab	No Credit	
CD 1115 Intro. to CAD	No Credit	
CD 1127 Printed/Circuit Board Design I	No Credit	
CD 1133 Mechanical Drafting I	No Credit	
CD 1134 Mechanical Drafting II/CAD		
CD 1143 PCB I/Elect Design CAD		22.PRQ
CD 1144 Printed Circuit Board Design II/CAD		
CD 1151 Computer Aided Drafting I		22.PRQ
CD 1152 Computer Aided Drafting II		22.PRQ
CD 1168 Basic 3D CAD		
CD 1169 3D CAD and Design		
CD 1170 CAD Solid Modeling		
CD 1202 Printed Circuit Design II/CAD	No Credit	
CD 1205 Geometric Dimensioning & Tolerancing	No Credit	
CD 1207 Electro-Mechanical Layout/CAD	No Credit	
CD 1225 Mechanical Drafting III/CAD Applications		25.199 Engineering Course
CD 1227 Advanced CAD Applications		
CD 1228 Practicum in CAD Technology		
CJ 1100 Law and Order	Not Evaluated	
CJ 1101 Intro. to Criminal Justice System	CJ Elective	44.101 Criminal Justice
CJ 1103 Criminal Law	CJ Elective	44.234 Criminal Law
CJ 1107 Constitutional Law		46.299 Amer Consti Dev.
CJ 1115 Prin. of Correction	CJ Elective	44.199 CJ Course
CJ 1121 Contemporary Policing	CJ Elective	44.141 Police Functions
CJ 1123 Crim Evid/Court Proc.	CJ Elective	44.199 CJ Course
CJ 1140 Hate Crimes	Not Evaluated	
CJ 1201 Inter-Personal Comm/CJ	CJ Elective	44.299 CJ Course
CJ 1203 Criminal Investigation	CJ Elective	44.241 Prin. Of Investigation
CJ 1205 Juvenile Justice Process	CJ Elective	44.299 CJ Course
CJ 1211 Criminal Justice Internship I	CJ Elective	44.299 CJ Course

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
CJ 1212 Criminal Justice Internship II	CJ Elective	44.299 CJ Course
CJ 2129 Forensic Science		44.243 Criminalistics I
CJ 6124 Society & Victims of Crime	Not Evaluated	
CS 1101 Intro. Computer Science w/Visual Basic		91.199
CS 1105 Intro. to Linux		91.199
CS 1111 Programming I		91.199
CS 1112 Programming II		91.101 Computing I
CS 1201 Computer Organization & Assembly Lang.		91.203 Assembly Language
CS 1207 Data Structures		91.102
CS 1213 Programming III		91.299
CT 1101 Circuit Analysis I		16.207 Basic EE I Lab
CT 1102 Circuit Analysis II		16.208 Basic EE II Lab
CT 1111 Digital Systems I	Not Evaluated	
CT 1112 Digital Systems II	Not Evaluated	
CT 1115 Computer Languages	Not Evaluated	
CT 1205 Electronics I		16.207
CT 1206 Electronics II	No Credit	
CT 1221 Computer Systems I	No Credit	
CT 1222 Computer Systems II	Not Evaluated	
CT 1231 Networking I	Not Evaluated	91.199
CT 1232 Networking II	Not Evaluated	
CT 1241 Telecommunications I	Not Evaluated	
CT 1242 Telecommunications II	Not Evaluated	
DH 1207 Pharmacology		35.PRQ
DH 1215 Nutrition		35.PRQ
ED 1100 Intro. Early Childhood Education	Not Evaluated	
ED 1101 Curriculum Early Childhood Progs.	No Credit	
ED 1106 Health & Safety Early Childhood	No Credit	
ED 1109 Young Children's Literature	Not Evaluated	
ED 1113 Young Children w/Special Needs	No Credit	
ED 1115 Administration Early Childhood Progs.	Not Evaluated	
ED 1119 Planning Prg & Env. For Children		01.199 Education Course
ED 1120 Infant & Toddler Care & Prog. Planning	No Credit	
ED 1125 Guiding Children's Behavior		01.199 Education Course
ED 1131 Supervised Field Placement & Sem. I	No Credit	
ED 1132 Supervised Field Placement & Sem.	Not Evaluated	
ED 1155 Multicultural Issues Early Childhood Ed. & Env.	Not Evaluated	
ED 1156 Creative Arts in Children's Lives	Not Evaluated	
EG 1102 Introduction to Engineering	Not Evaluated	

MIDDLESEX COURSE**UMASS/LOWELL
TYPE OF CREDIT****UMASS/LOWELL
COURSE**

EM 1101 Emergency Medical Tech. Basic

30.219 Community Health Course

EN 1100 English Fundamentals

Not Evaluated

EN 1101 Basic Writing

No Credit

EN 1102 Basic Writing – ESL

No Credit

EN 1103 English Composition I

Gen Ed.-College Writing

42.101 College Writing I

EN 1105 English Composition II: Intro. to Literature

Gen Ed.-College Writing

42.102 College Writing II

EN 2101 Basic Reading

Not Evaluated

EN 2102 Intro. to College Reading I

Not Evaluated

EN 2103 Intro. to College Reading II

Not Evaluated

EN 2122 Academic Reading

No Credit

EN 2123 Academic Reading for Science & Health

Not Evaluated

EN 2131 Applied Learning Skills

No Credit

HU 1000 Searching for Heros

Not Evaluated

HU 1101 Intro to Humanities

LTV.AE

HU 1105 Mass Communications

48.199 Sociology Course

HU 1106 Film, Video & Society

59.199 Interdisciplinary Course

HU 1107 You Are How You Think

Not Evaluated

HU 1122 European Experience

Not Evaluated

HU 1127 Ireland Experience

43.199 History Course

HU 1130 The Spanish Experience

Not Evaluated

HU 2101 Art Appreciation

58.101 Art Appreciation

HU 2105 Art History I

58.203 Survey of Art I

HU 2106 Art History II

58.204 Survey Art II

HU 2113 Color and Design

70.101 Art Concepts I

HU 2117 Intro to Sculpture & 3-D Design

Art Elective

70.275 Sculpture I

HU 2121 Drawing I

Art Elective

70.255 Drawing I

HU 2122 Drawing II

Art Elective

70.299 Art Course

HU 2127 Figure Drawing I

Art Elective

70.299 Art Course

HU 2131 Painting I

Art Elective

70.271 Painting I

HU 2132 Painting II

Art Elective

70.299 Art Course

HU 2143 Stained Glass I

Needs Portfolio Review

70.PRQ Art Course

HU 2144 Stained Glass II

Needs Portfolio Review

70.PRQ Art Course

HU 2145 Calligraphy I

Not Evaluated

HU 2146 Calligraphy II

Not Evaluated

HU 2151 Graphic Design I

Art Elective

70.291 Intro. To Graphic Design

HU 2152 Graphic Design II

Art Elective

70.299 Art Course

HU 2161 Photography I

Art Elective

70.261 Basic Photography

HU 2163 Photography II

Art Elective

70.299 Art Course

HU 2181 Intro to Computer Graphics

70.265 Computer Art I

HU 2186 Graphic Production & Layout

Art Elective

70.299 Art Course

HU 2400 Electronic Imaging/Photoshop

Art Elective

70.299 Art Course

HU 2402 Typography

70.230 Typography

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
HU 2403 Art of the Web	Not Evaluated	
HU 2410 Computer Graphics II	Art Elective	70.299 Art Course
HU 2412 Graphic Design Internship	Art Elective	70.299 Art Course
HU 2414 Graphic Design Portfolio Prep.	Art Elective	70.299 Art Course
HU 2419 Computer Illustration	Art Elective	70.299 Art Course
HU 3101 Music Appreciation I		74.101 Intro. to European Art Music
HU 3103 Music Theory I	No Credit for Music Majors	71.101 Music Theory I
HU 3104 Music Theory II	No Credit for Music Majors	71.RES Music Course
HU 3105 World Music		74.102 Intro. to non-European Music
HU 3121 Applied Piano for Beginners	Music Elective	75.131 Intro. to Keyboard I
HU 3122 Beginning Piano II	Music Elective	75.132 Intro. to Keyboard II
HU 3126 App Guitar for Beginners	Not Evaluated	
HU 3127 Voice I	Music Elective	72.243 Intro to Voice
HU 3128 Voice II	Not Evaluated	
HU 3133 Voice Early Childhood Education	Not Evaluated	
HU 3140 Chorus & Musicianship Skills	Not Evaluated	
HU 3155 Chinese Experience	Not Evaluated	
HU 4101 Intro. Theatre		59.207
HU 4102 History of Theatre		59.199 Interdisc. Course
HU 4103 Modern Drama	English Elective	42.299 English Course
HU 4104 Musical Theater	Not Evaluated	
HU 4106 Shakespeare	Gen. Ed.-Arts & Humanities	42.267 Intro to Shakespeare
HU 4107 Intro to TV Production	Sound Recording Elective	78.299 Sound Record Course
HU 4110 Speech for Theatre	No Credit	
HU 4111 Intro. to Acting	English Elective	AE
HU 4112 Acting: Scene Study	English Elective	42.262 Advanced Acting
HU 4113 Scene Study II	No Credit for English Majors	42.RES English Course
HU 4114 Play Production	No Credit for English Majors	59.199 Interdisc. Course
HU 4115 Theatre Practice	No Credit for English Majors	42.RES English Course
HU 4116 Directing	English Elective	42.264 Directing
HU 4118 Improvisation	Not Evaluated	
HU 4121 Intro. to Modern Dance	No Credit	
HU 4122 Jazz Dance	Not Evaluated	
HU 4123 Intro to Cambodian Dance	Not Evaluated	
HU 4138 Television Production II	Not Evaluated	
HU 5101 Intro to Philosophy	Gen. Ed.-Arts & Humanities, Ethics	45.201 Intro to Philosophy
HU 5121 Ethics & Society	Gen. Ed.-Arts & Humanities, Diversity, Ethics	45.203 Intro to Ethics
HU 5122 Business Ethics	Philosophy Elective	45.299 Philosophy Course
HU 5123 Computers, Ethics and Society		45.206 Intro Political Philosophy
HU 5127 Technology & Society		59.203 Tech & Human Val I
HU 5134 Great Traditions: Intro. Humanities		59.199 Interdisc. Course
HU 5135 Religions of the World	Philosophy Elective	45.299 Philosophy Course
HU 5143 Religions of Asia	Not Evaluated	
HU 5145 Intro. to Bioethics	Not Evaluated	

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
HU 5147 Elements of Language Acquisition	Not Evaluated	
HU 5155 Windows on the World: Psy. in HU		59.199 Interdisc. Course
HU 6102 Classics of Children's Literature	Gen. Ed.-Arts & Humanities, Diversity	42.257 Family in American Literature
HU 6104 American Literature I	Gen. Ed.-Arts & Humanities	42.294 History of Amer Lit I
HU 6105 Modern American Literature	Gen. Ed.-Arts & Humanities, Diversity	42.296 History of American Lit. III
HU 6108 World Literature I	Not Evaluated	
HU 6109 World Literature II	Not Evaluated	
HU 6113 Irish Literature	English Elective	42.299 English Course
HU 6116 American Humor	Not Evaluated	
HU 6135 The Short Story	Gen. Ed.- Arts & Humanities	42.212 The Short Story
HU 6141 20th Century Women Writers	English Elective	42.299 English Course
HU 6143 Lit. of Protest & Hope	English Elective	42.259 Protest Fiction Amer
HU 6145 Science Fiction & Fantasy	English Elective	42.199 English Course
HU 6148 Myths		59.199 Interdisc. Course
HU 6149 Voices from Behind Bars	English Elective	42.299 English Course
HU 6151 Autobiographical Adventure	Not Evaluated	
HU 6156 Family Matters in Literature, TV & Advertising		AH
HU 6158 Images of Viet Nam in Literature & Film	Not Evaluated	
HU 6161 Changing Gaze of Race/Class	Not Evaluated	
HU 6162 Film Analysis	Not Evaluated	
HU 6416 Holocaust	Not Evaluated	
HU 7105 Beginning French I	Need French II for Credit	50.101 Beg. French I
HU 7106 Beginning French II	Need French I for Credit	50.102 Beg. French II
HU 7111 Beginning German I	Not Evaluated	
HU 7112 Beginning German II	Not Evaluated	
HU 7121 Beginning Italian I	Not Evaluated	
HU 7130 Puentas Consolidated Spanish I & II		54.211 Inter Conv. Spanish
HU 7131 Beginning Spanish I	Need Spanish II for Credit	54.101 Beg. Spanish I
HU 7132 Beginning Spanish II	Need Spanish I for Credit	54.102 Beg. Spanish II
HU 7135 Intermediate Spanish I	Spanish Elective	54.211 Inter Conv Spanish I
HU 7136 Intermediate Spanish II		54.212 Inter. Conv. Spanish I
HU 7140 Spanish Medical Pers. I	Spanish Elective	54.199 Spanish Course
HU 7141 Beginning Finnish I	Not Evaluated	
HU 7142 Beginning Finnish II	Not Evaluated	
HU 7143 Intermediate Finnish I	Not Evaluated	
HU 7145 Spanish for Medical Personnel II	Spanish Elective	54.199 Spanish Course
HU 7146 Beginning Portuguese I	Not Evaluated	
HU 7147 Beginning Portuguese II	Not Evaluated	
HU 7149 Inter. Spanish I for Spanish Speakers	Not Evaluated	
HU 7151 Beg. Spanish I for Human Services	Not Evaluated	
HU 7152 Beg. Spanish I for Law Enforcement	Not Evaluated	
HU 7153 Beg. Spanish I for Teachers		54.101 Beg. Spanish I
HU 7158 Spanish II for Human Services		54.102 Beg. Spanish II
HU 7159 Spanish II/Criminal Justice	Not Evaluated	

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
HU 7160 Spanish II for Teachers	Not Evaluated	
HU 7163 Beginning Russian	Not Evaluated	
HU 7168 Beginning Latin	Not Evaluated	
HU 7170 Intermediate French	Not Evaluated	
HU 8101 Speech	Gen. Ed.-Arts & Humanities	42.222 Oral Communication
HU 8107 Public Relations	Not Evaluated	
HU 8111 Intro to Journalism	English Elective	42.299 English Course
HU 8112 Journalism II	Not Evaluated	
HU 8113 Reporting & Newswriting II	English Elective	42.299 English Course
HU 8114 Media Ethics & Issues	Not Evaluated	
HU 8116 Broadcast Writing	Not Evaluated	
HU 8117 Radio Programming	Not Evaluated	
HU 8118 Radio Production	Not Evaluated	
HU 8119 Magazine Feature Writing	Not Evaluated	
HU 8120 Magazine Feature Writing & Publishing	Not Evaluated	
HU 8121 Creative Writing I	English Elective	42.298 English Course
HU 8123 Creative Writing II	English Elective	42.299 English Course
HU 8124 Creative Writing III	Not Evaluated	
HU 8125 Creative Writing & Publishing	Not Evaluated	
HU 8312 Journalism Internship for the Print Media	Not Evaluated	
HU 9111 American Dream	Not Evaluated	
HU 9112 Poets in New England	English Elective	42.299 English Course
IS 1201 Interpersonal Communication Skills for Health Care Professional	No Credit	
IS 1202 Current Issues in Health		30.199 Health Professions Course
IT 1101 Personal Computer Fundamentals & Operating Environments	Not Evaluated	
IT 1102 Intro. Electronics & Computer Arch.	Not Evaluated	
IT 1103 Intro to Data Communications & Networking	Not Evaluated	
IT 1104 Software Apps, Installation, Diagnostics & Optimizations	Not Evaluated	
IT 1105 IT Support Specialist Capstone Course	Not Evaluated	
MA 1100 Mathematics	No Credit	
MA 1101 Fund. Of Mathematics	No Credit	
MA 1102 Fundamentals Algebra I	No Credit	
MA 1103 Algebra I	No Credit	
MA 1104 Algebra II	No Credit	92.110 College Algebra
MA 1106 Intermediate Algebra	No Credit	92.110 College Algebra
MA 1107 Precalculus-Business & Soc. Sci I	Gen. Ed.-Math	92.199 Math Course
MA 1108 Precalculus for Science I	Gen. Ed.-Math	92.199 Math Course
MA 1109 Precalculus I	Gen. Ed.-Math	92.121 Management Precalculus

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
MA 1110 Precalculus II	Gen. Ed.-Math	92.121 Management Precalculus
MA 1112 Geometry	Not Evaluated	
MA 1113 Statistics	Gen. Ed.-Math	92.183 Intro Statistics
MA 1115 Calculus I	Gen. Ed.-Math	92.127 Calculus IA
MA 1116 Calculus II	Gen. Ed.-Math	92.128 Calculus 1B
MA 1118 Discrete Math	Gen. Ed.-Math	92.299 Math Course
MA 1121 Calculus/Bus. & Soc. Sci. I		92.122 Differential Calculus
MA 1125 Calculus I for Science	Gen. Ed.-Math	92.131 Calculus I
MA 1126 Calculus for Science II	Gen. Ed.-Math	92.132 Calculus II
MA 1129 Math Connections	Math Elective	92.199 Math Course
MA 1130 Topics in Math for IT	Not Evaluated	
MA 1135 Math Modeling for Liberal Arts	Gen. Ed.-Math	92.111 Quantitative Reasoning
MA 1140 Algebra I/II	Not Evaluated	
MA 3107 Technical Mathematics & Physics		95.199 Physics Course
MA 3108 Applied Technical Math I		92.111 Quantitative Reasoning
MA 3109 Applied Technical Math II	Not Evaluated	
MA 3113 Topics in Math & Physics	No Credit	
MA 3123 Math for Technology	Not Evaluated	
MA 3135 Intro to Statistical Process Control	Not Evaluated	
MH 1101 Intro. to Human Services	No Credit for Psych Majors	48.199 Sociology Course
MH 1103 Community Psychology	No Credit for Psych Majors	48.251 Community Service
MH 1105 Counseling Skills	Psychology Elective	47.199 Psychology Course
MH 1201 Counseling Theory & Process	Psychology Elective	47.299 Psychology Course
MH 1205 Special Topics in Mental Health	Psychology Elective	47.299 Psychology Course
MH 1211 Supervised Field Placement & Sem. I		48.251 Community Service
MH 1212 Supervised Field Placement & Sem. II	No Credit	
MH 1220 Alcohol Sub. Abuse Treatment	Not Evaluated	
MH 1222 Stress Mgmt. & Relapse Prevention	Not Evaluated	
ML 1104 Phlebotomy	No Credit	
NU STUDENTS RECEIVING A.S. IN NURSING WILL BE GRANTED 29 CREDITS IN NURSING AT UMASS- LOWELL (Course #-33.PQR)		
PE 1102 Aerobics	No Credit	
PL 1101 Intro to Law		46.230 Intro to Law
PL 1103 Commercial Law	Gen. Ed.-Social Science	41.262 Intro Business Law
PL 1105 Legal Research & Writing	Business Elective	41.299 Legal Studies Course
PL 1107 Criminal Law/Paralegal	CJ Elective	44.234 Criminal Law
PL 1109 Corporate Law	Business Elective	41.299 Legal Studies Course
PL 1111 Real Estate Law	Business Elective	41.299 Legal Studies Course
PL 1113 Probate	Business Elective	41.299 Legal Studies Course
PL 1115 Litigation	Business Elective	41.299 Legal Studies Course

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
PL 1117 Sem. & Internship in Law I	Business Elective	41.299 Legal Studies Course
PL 1119 Trial Court Internship		
PL 1122 Mediation Training	Not Evaluated	
PL 1140 Computer Apps./Paralegals		44.201 Computer Applications in CJ
PL 1205 Advanced Legal Research & Writing	Not Evaluated	
PL 3140 Conflict Resolution Skills	Not Evaluated	
RT 1202 Fund. Radiobiology	Radiological Elective	98.299 Radiological Course
SC 1000 DNA & The Gene Scene	Not Evaluated	
SC 1106 Environmental Studies		87.111 Environmental Science
SC 1110 Spec. Topics Environ. Studies		87.199 Env. Sci. Course
SC 1113 Explorations in Science	Not Evaluated	
SC 1128 Intro. Ocean & Marine Biology	Chemistry Elective	81.215 Intro. To Marine Biology
SC 2100 Intro. to Biology	Chemistry Elective	81.199 Biology Course
SC 2101 General Biology I	Gen. Ed.-Science w/lab	81.111 Prin. Of Biology I
SC 2102 General Biology II	Gen. Ed.-Science w/lab	81.112 Prin. of Biology II
SC 2105 Integrated Science I	Not Evaluated	
SC 2106 Integrated Science II	Not Evaluated	
SC 2108 Water & the Living World	Not Evaluated	
SC 2110 Basic Anatomy & Physiology		35.199 Human Anat. Course
SC 2114 Exercise Physiology	Not Evaluated	
SC 2115 Anatomy & Physiology I	Gen. Ed.-Science w/lab	35.101 Human Anat./Phys I
SC 2116 Anatomy & Physiology II	Gen. Ed.-Science w/lab	35.102 Human Anat./Phys II
SC 2117 Astronomy	Gen. Ed.-Science w/lab	95.121 Exploring Universe
SC 2122 Infectious Disease		SC
SC 2123 Intro. to Microbiology		35.211 Microbiology
SC 2124 Microbiology for Ind. Applications	Not Evaluated	
SC 2125 Botany	Biology Elective	81.299 Biology Course
SC 2127 Infectious Disease	Not Evaluated	
SC 2129 Forensic Science		SCL
SC 2130 Zoology	Arts & Sciences Elective	85.199 Science Course
SC 2145 Human Genetics	Interdisc. Elective	81.199 Biological Science Course
SC 2150 Nutrition	Interdisc. Elective	35.206 Human Nutrition
SC 2163 Sexually Transmitted Diseases		31.199 Health Course
SC 2201 Immunology	Not Evaluated	
SC 2203 Molecular Biology	Not Evaluated	
SC 3101 Survey of Chemistry	Chemistry Elective	84.199 Chemistry Course
SC 3103 Prin. of Chemistry	Gen. Ed.-Science w/lab	84.101 Appl Chem-Non Sci.
SC 3107 Technical Physics		SC
SC 3113 Physical Geology		89.101 Gen Geology I
SC 3114 Historical Geology Lecture		SC
SC 3115 Historical Geology		89.199 Geology Course
SC 3118 Age of Dinosaurs		SC

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
SC 3119 Physical Geology Lecture	Not Evaluated	
SC 3120 Intro. to Meteorology	Not Evaluated	
SC 3121 Intro to Chemistry/Lab	Gen. Ed.-Science w/lab	84.111 Gen. Chemistry I
SC 3123 Chemistry for Fire Service	Not Evaluated	
SC 3125 General Chemistry I/Lab	Gen. Ed.-Science w/lab	84.111 Gen. Chemistry I
SC 3127 General Chemistry II/Lab	Gen. Ed.-Science w/lab	84.112 Gen Chemistry II
SC 3133 Inorganic Chemistry I/Lab	Gen. Ed.-Science w/lab	84.121 Chemistry I
SC 3134 Inorganic Chemistry II/Lab	Gen. Ed.-Science w/lab	84.122 Chemistry II
SC 3137 Prin. Of Biochemistry	Not Evaluated	
SC 3140 Physics I/Lab	Gen. Ed.-Science w/lab	95.103 Gen Physics I/Lab
SC 3141 Physics II/Lab		95.104 Gen Physics II/Lab
SC 3201 Physics/Engr & Science I/Lab	Gen. Ed.-Science w/lab	95.141 Physics I/Lab
SC 3202 Physics/Engr. & Science II/Lab		95.144 Physics II/Lab
SO 1000 The Games People Play	Not Evaluated	
SO 1101 Cultural Anthropology		48.102 Social Anthropology
SO 1103 Community Psychology	Not Evaluated	
SO 1107 Popular Culture & Society		48.260 Mass Media & Communications
SO 1118 Law in Film & Literature	Not Evaluated	
SO 1119 Trial Court Internship	Not Evaluated	
SO 1122 European Experience	Not Evaluated	
SO 1123 Human Sexuality	Biology Elective	47.299 Psychology Course
SO 1125 Alcoholism & Substance Abuse	No Credit for Soc. Majors	48.199 Sociology Course
SO 1127 Ireland Experience	Not Evaluated	
SO 1129 Mediation Training		48.199 Sociology Course
SO 1130 The Spanish Experience	Not Evaluated	
SO 1131 World Geography	Gen. Ed.-Social Science, Diversity	88.101 World & Regional Geo.
	No Credit for Soc. Majors	
SO 1140 Hate Crimes	Not Evaluated	
SO 1203 Fundamentals of Mental Retardation Services	Not Evaluated	
SO 2111 Prin. of Macroeconomics	Gen. Ed.-Social Science	49.202 Economics II
SO 2113 Prin. of Microeconomics	Gen. Ed.-Social Science	49.201 Economics I
SO 2115 Economics & Mgmt. in High Tech. Industry		49.299 Economics Course
SO 3101 History Western Civ before 1800	Gen. Ed.-Arts & Humanities, Diversity	43.105 Western Civ to 1715
SO 3111 US History before 1865	Gen. Ed.-Arts & Humanities, Diversity	43.111 US History to 1877
SO 3112 US History after 1865	Gen. Ed.-Arts & Humanities, Diversity	43.112 US Hist since 1877
SO 3115 Recent American History		43.299 History Course
SO 3117 Baseball and America 1840-Present	Not Evaluated	
SO 3121 Intro. to Government	Gen. Ed.-Social Science, Diversity	46.110 Intro to Politics
SO 3123 American Government	Gen. Ed.-Social Science	46.101 Intro American Pols.
SO 3127 Public Administration		46.260 Public Admin
SO 3134 History of World Civ before 1700	Gen. Ed.-Arts & Humanities	43.105 Western Civ to 1715
SO 3135 History of World Civ after 1700	Gen. Ed.-Arts & Humanities	43.106 The Modern World
SO 3138 Contemporary Legal Issues	Not Evaluated	

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
SO 3139 Intro. to Law		41.230
SO 3140 Conflict Resolution Skills		Peacemaking Alternatives
SO 3144 The Middle East	Not Evaluated	
SO 3149 Vietnam: The War & Country		43.199 History Course
SO 3159 US Women's History		43.270 Women in American History
SO 3160 The Silk Road: Journey thru Time	Not Evaluated	
SO 3178 Lowell Through the Lenses of Social Psychology	Not Evaluated	
SO 4101 Intro. to Human Behavior		48.199 Sociology Course
SO 4108 Multicultural Communications	No Credit for Soc Majors	48.234 The Study Minorities
SO 4121 Dynamics of Interpersonal Relations I	Psychology Elective	47.299 Psychology Course
SO 4122 Dynamics of Interpersonal Relations II	Psychology Elective	47.199 Psychology Course
SO 5101 Intro. to Psychology	Gen. Ed.-Social Science	47.101 Gen Psychology
SO 5103 Beyond the Screen: Psychology of Internet	Not Evaluated	
SO 5106 Child Psychology	Gen. Ed.-Social Science	47.260 Human Development II
SO 5109 Child Growth & Development	Psychology Elective	47.199 Psychology Course
SO5112 Psychology of Health, Exercise & Sport	Not Evaluated	
SO 5113 Psychology of Personality	Gen. Ed.-Social Science	47.232 Psych/Personality
SO 5115 Abnormal Psychology	Gen. Ed.-Social Science	47.272 Abnormal Psych
SO 5131 Developmental Disabilities	Psychology Elective	47.299 Psychology Course
SO 5133 Creating Inclusive Learning	Not Evaluated	
SO 5135 Adolescent Psychology	Not Evaluated	
SO 5141 Educational Psychology		01.299 Education Course
SO 5143 The Mind at Work, The Mind at Play		59.101
SO 5155 Windows on The World: Soc. Psy. In HU		48.299 Sociology Course
SO 6101 Intro. to Sociology	Gen. Ed.-Social Science, Diversity, Ethics	48.101 Intro to Sociology
SO 6102 Contemporary Social Problems		48.199 Sociology Course
SO 6103 Growing Old in a New Age	Not Evaluated	
SO 6104 Death: Personal Understanding		SS
SO 6105 The Drums Still Beat		43.272 The American Indian
SO 6109 Criminology	CJ Elective	44.221 Criminology I
SO 6111 Sociology of the Family	Gen. Ed.-Social Science, Diversity	48.231 Sociology of Family
SO 6114 Sociology of Technology	Not Evaluated	
SO 6122 Dying, Death & Bereavement		48.299 Sociology Course
SO 6123 Social Change: Making Things Happen	Not Evaluated	
SO 6124 Society & Victims of Crime		44.199 CJ Course
SO 6140 Public School Environments	Not Evaluated	
SO 6150 Society's Mirror	Not Evaluated	
SO 7100 Discover Teaching		59.199 Interdisciplinary Course
SO 9111 Family: Myth, Metaphor, Reality	Not Evaluated	
TE 1101 Exploring Technology	Not Evaluated	

MIDDLESEX COURSE	UMASS/LOWELL TYPE OF CREDIT	UMASS/LOWELL COURSE
WB 1101 Intro. to Web Publishing	Not Evaluated	
WB 1105 Intro to Web Graphics	Not Evaluated	
WB 1107 Intro to Web Programming w/JavaScript	Not Evaluated	
WB 1115 Designing Multimedia for the Web	Not Evaluated	
WB 1201 Advanced Web Publishing	Not Evaluated	
WB 1206 Intro to XML	Not Evaluated	
WB 1208 Intro to ASP with SQL	Not Evaluated	
WB 1210 Intro to Network, Server & Website Security & Administration	Not Evaluated	
WB 1303 Web Practicum	Not Evaluated	