

AVIATION FLIGHT TECHNOLOGY

Curriculum Code: 3640

A.A.S. Degree

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Mathematics Elective		3
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Social Science (3 CR)

General Psychology	PSY 113	3
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General Education Electives (8 CR)

Physics Elective		4
Meteorology	PHY 118	4

Total General Education Credits 20

Aviation Flight Technology Core (42/43 CR)

Introduction to Aviation	AVT 101	1
Flight Operations I (Ground School)	AVT 110	3
Flight Training IA (Private Pilot Cert.)	AVT 111	1
Flight Training IB (Private Pilot Cert.)	AVT 112	1
Aerodynamics	AVT 118	3
Flight Training IIA	AVT 121	1
Flight Training IIB	AVT 122	1
Flight Operations Instrument (Ground School)	AVT 208	3
Flight Training IIIA	AVT 201	1
Flight Training IIIB	AVT 202	1
Flight Training IIIC	AVT 203	1
Flight Operations Commercial (Ground School)	AVT 215	3
Flight Training IVA	AVT 211	1
Flight Training IVB	AVT 212	1
Restricted Electives		9/10
Free Elective		9
Lifetime Wellness	HED 128	2

Total Core Credits 42/43

Total Program Credits 62/63

BIOTECHNOLOGY

Curriculum Code: 3330

A.A.S. Degree

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Statistics	MAT 124	3
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Social Science Or Humanities (3 CR)

Choose from General Education course list

General Education Electives (8 CR)

Choose from General Education course list

Total General Education Credits 20

Biotechnology Core (44 CR)

General Chemistry I Lecture	CHM 125	3
General Chemistry I Lab	CHM 126	1
General Chemistry II Lecture	CHM 127	3
General Chemistry II Lab	CHM 128	1
Cell Biology	BIO 123	4
Microbiology	BIO 215	4
Biochemistry	CHM 212	4
Essentials of Organic Chemistry	CHM 210	4
Instrumental Methods of Analysis	CHM 220	5
Concepts of Physics	PHY 103	4
Technical Elective		4
FREE Electives		5
HED or HES Elective		2

Total Core Credits 44

Total Program Credits 64

BUSINESS ADMINISTRATION

Curriculum Code: 2110

A.S. Degree

General Education Foundation (31 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math/Science/Technology (10 CR)

Restricted Math Elective		3
Restricted Math Elective		3
Laboratory Science Elective		4

Social Science (3 CR)

Principles of Economics I	ECO 211	3
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Humanities (6 CR)

History Elective		6
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General Education Electives (6 CR)

Language Survey Or Literature Sequence		6
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Total General Education Credits 31

Business Core (30 CR)

Principles of Accounting I	ACC 111	3
Principles of Accounting II	ACC 112	3
Introduction to Business		
OR	BUS 112	3
Principles of Management	BUS 215	
Business Information Systems	BUS 119	3
Principle of Marketing I	MKT 113	3
Principles of Economics II	ECO 212	3
Business Elective		3
Free Electives		9

Total Core Credits 30

Total Program Credits 61

BUSINESS CAREER PROGRAM

Curriculum Code: 3400

A.A.S. Degree

General Education Foundation (22 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (7 CR)

Basic Statistics	MAT 108	3
Laboratory Science Elective		4

Social Science Or Humanities (3 CR)

Choose from General Education course list

General Education Electives (6 CR)

Elements of Economics	ECO 113	3
Humanities Elective		3

Total General Education Credits 22

Business Core (36/37 CR)

Introduction to Business	BUS 112	3
Business Information Systems & Applications	BUS 119	3
Fundamentals of Electronic Commerce	BUS 132	3
Principles of Marketing I	MKT 113	3
Elements of Accounting	ACC 110	3
Principles of Accounting I	ACC 111	3
Principles of Accounting II	ACC 112	3
OR		
Principles of Finance	BUS 212	
Business Law I	BUS 213	3
Business Electives		12/13
Free Electives		3

Total Core Credits 36/37

Total Program Credits 61/62

SMALL BUSINESS MANAGEMENT CERTIFICATE

Curriculum Code: 0400
Career Certificate

Core Courses (9 CR)

Elements of Accounting	ACC 110	3
Small Business Operations	BUS 219	3
Small Business Planning & Finance	BUS 240	3

Elective Courses (3 CR)

Students must select 3 credits from the following:

Customer Relations	BUS 242	3
Advertising	MKT 218	3

Total Program Credits **12**

CHEMICAL TECHNOLOGY

Curriculum Code: 3450
A.A.S. Degree

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Statistics	MAT 124	3
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Social Science Or Humanities (3 CR)

Choose from General Education course list		3
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General Education Electives (8 CR)

Choose from General Education course list		8
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Total General Education Credits 20

Chemical Technology Core (44 CR)

General Chemistry I Lecture	CHM 125	3
General Chemistry I Lab	CHM 126	1
General Chemistry II Lecture	CHM 127	3
General Chemistry II Lab	CHM 128	1
Cell Biology	BIO 123	4
Quantitative Chemical Analysis	CHM 219	5
Instrumental Methods of Analysis	CHM 220	5
Essentials of Organic Chemistry	CHM 210	4
Concepts of Physics	PHY 103	4
Restricted Elective		4
Free Electives		8
HED or HES Elective		2

Total Core Credits 44

Total Program Credits **64**

Environmental Science

Curriculum Code: 3451

A.A.S. Degree

A Chemical Technology Option

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Statistics	MAT 124	3
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Social Science Or Humanities (3 CR)

Choose from General Education course list		3
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General Education Electives (8 CR)

Choose from General Education course list		8
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Total General Education Credits 20

Environmental Science Core (44 CR)

General Chemistry I Lecture	CHM 125	3
General Chemistry I Lab	CHM 126	1
General Chemistry II Lecture	CHM 127	3
General Chemistry II Lab	CHM 128	1
Cell Biology	BIO 123	4
Biology of Environmental Concerns	BIO 127	4
Ecology	BIO 202	4/5

OR

Quantitative Chemical Analysis	CHM 219	
Environmental Regulation	CHM 136	3
Essentials of Organic Chemistry	CHM 210	4
Instrumental Methods of Analysis	CHM 220	5
Concepts of Physics	PHY 103	4
Free Electives		6
HED or HES		2

Total Core Credits 44/45

Total Program Credits 64/65

COMMUNICATIONS

Curriculum Code: 1129

A.A. Degree

General Education Foundation (45 CR)

Communications (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (12 CR)

Probability and Statistics	MAT 130	4
Laboratory Science Elective		4
Computer Information Literacy	CMP 101	1
Communications & Technology	CMP 127	3

Social Science (6 CR)

General Psychology	PSY 113	3
Social Science Elective		3
Choose from General Education course list		

Humanities (9 CR)

Literature Survey or Language Sequence		6
Humanities Elective		3
Choose from General Education course list		

History (6 CR)

Diversity (3 CR)

Intercultural Communication	ISA 110	3
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Total General Education Credits 45

Communications Core Courses (18 CR)

Introduction to Journalism	COM 111	3
Newswriting		
Introduction to Communications	COM 101	3
Introduction to Mass Media	COM 115	3
Communications Core Restricted Electives		9

Total Core Credits 18

Total Program Credits 63

COMPUTER INFORMATION SYSTEMS

Administrative Support

Curriculum Code: 3503

A.A.S. Degree

A Computer Information Systems Option

General Education Foundation (22 CR)

Communication (6 CR)

English Composition I ENG 111 3

English Composition II ENG 112 3

Math-Science-Technology (3 CR)

Statistics MAT 124 3

Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (10 CR)

General Psychology PSY 113 3

Principles of Sociology SOC 120 3

Laboratory Science Elective 4

Total General Education Credits 22

Administrative Support Core (42/43 CR)

Computer Concepts and Problem Solving CMP 113 3

Systems Analysis and Design CMP 123 3

Communications and Technology CMP 127 3

Computer Operating Systems and Utilities CMP 200 3

Computer Software Applications (MS OFFICE) CMP 203 3

Database Programming (MS ACCESS) CMP 205 3

Electronic Spreadsheets (MS EXCEL) CMP 207 3

Computer Software Interfacing CMP 236 3

The Internet and Web Page Design CMP 239 3

Multimedia I MED 110 3

MED OR TEL Elective 3

Technical Concentrations 6/7

Free Elective 3

Total Core Credits 42/43

Total Program Credits 64/65

Computer Science

Curriculum Code: 3500

A.A.S. Degree

A Computer Information Systems Option

General Education Foundation (27/28 CR)

Communication (6 CR)

English Composition I ENG 111 3

English Composition II ENG 112 3

Math-Science-Technology (4 CR)

Precalculus MAT 123 4

Humanities (3 CR)

Choose from General Education course list

General Education Electives (7 CR)

Principles of Economics ECO 211 3

Analytic Geometry and Calculus I MAT 131 4

General Education Electives (7/8 CR)

Mathematics Elective 3/4

Laboratory Science Elective 4

Total General Education Credits 27/28

Computer Science Core (36/37 CR)

Computer Concepts & Problem Solving CMP 113 3

Systems Analysis and Design CMP 123 3

Computer Operating Systems and Utilities CMP 200 3

Introduction to UNIX CMP 209 3

Object-Oriented Technology (JAVA) CMP 220 3

Computer Assembly Language CMP 230 3

Data Structures and Algorithms CMP 233 3

Advanced UNIX CMP 235 3

Advanced Object-Oriented Technology (JAVA) CMP 240 3

Computer Information Systems, Media 6

AND/OR

Telecommunications Systems Electives

Free Elective 3/4

Total Core Credits 36/37

Total Program Credits 63/65

Game Development

Curriculum Code: 3504

A.A.S. Degree

A Computer Information Systems Option

General Education Foundation (26/28 CR)**Communication (6 CR)**

English Composition I ENG 111 3

English Composition II ENG 112 3

Math-Science-Technology (4 CR)

Precalculus MAT 123 4

Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (13/15 CR)

General Psychology 3

Analytic Geometry and Calculus I MAT 131 4

Mathematics Elective 3/4

Science Elective 3/4

Choose from General Education course list

Total General Education Credits 26/28**Game Development Core (36 CR)**

Game Design Concepts CMP 108 3

Computer Concepts and Problem Solving CMP 113 3

Systems Analysis and Design CMP 123 3

Game Programming CMP 150 3

Computer Operating Systems and Utilities CMP 200 3

C Programming Language (C#) CMP 208 3

Data Structures and Algorithms CMP 233 3

Game Production CMP 250 3

Media Aesthetics MED 114 3

Computer Information Systems 6

AND/OR

MED Electives

Free Elective 3

Total Core Credits 36**Total Program Credits 62/64****Management Information Systems**

Curriculum Code: 3501

A.A.S. Degree

A Computer Information Systems Option

General Education Foundation (22 CR)**Communication (6 CR)**

English Composition I ENG 111 3

English Composition II ENG 112 3

Math/Science/Technology (3 CR)

Statistics MAT 124 3

Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (10 CR)

Principles of Sociology SOC 120 3

Principles of Economics I ECO 211 3

Laboratory Science Elective 4

Total General Education Credits 22**Management Information Systems Core (42 CR)**

Principles of Accounting I ACC111 3

Computer Concepts & Problem Solving CMP 113 3

Systems Analysis and Design CMP 123 3

Computer Operating Systems and Utilities CMP 200 3

Database Programming (MS ACCESS) CMP 205 3

Electronic Spreadsheets (MS EXCEL) CMP 207 3

C Programming Language (C#) CMP 208 3

Introduction to UNIX CMP 209 3

Advanced C Programming Language (C#) CMP 210 3

OR

The Internet and Web Page Design CMP 239

Advanced UNIX CMP 235 3

Visual Basic (VB.NET) CMP 237 3

Advanced Visual Basic (VB.NET) CMP 238 3

Active Server Pages (ASP.NET) CMP 247 3

Computer Information Systems, Media 3

OR

Telecommunications Systems Elective

Total Core Credits 42**Total Program Credits 64**

Technical Support

Curriculum Code: 3502

A.A.S. Degree

A Computer Information Systems Option

General Education Foundation (22 CR)

Communication (6 CR)

English Composition I ENG 111 3

English Composition II ENG 112 3

Math-Science-Technology (3 CR)

Statistics MAT 124 3

Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (10 CR)

Principles of Sociology SOC 120 3

Principles of Economics I ECO 211 3

Macroeconomics

Laboratory Science Elective 4

Total General Education Credits 22

Technical Support Core (42 CR)

Computer Concepts and Problem Solving CMP 113 3

Systems Analysis and Design CMP 123 3

Network Security CMP 124 3

Communications & Technology CMP 127 3

Computer Operating Systems and Utilities CMP 200 3

Database Programming (MS ACCESS) CMP 205 3

Electronic Spreadsheets (MS EXCEL) CMP 207 3

Introduction to UNIX CMP 209 3

Visual Basic (VB.NET) CMP 237 3

Advanced Visual Basic (VB.NET) CMP 238 3

OR Web Design II CMP 244 3

The Internet and Web Page Design CMP 239 3

Routing I (CISCO CCNA) TEL 110 3

Computer Information Systems, Media 3

OR

Telecommunications Systems Elective

Free Elective 3

Total Core Credits 42

Total Program Credits 64

CRIMINAL JUSTICE

Curriculum Code: 2950

A.S. Degree

General Education Foundation (34 CR)

Communication (9 CR)

English Composition I ENG 111 3

English Composition II ENG 112 3

Speech Fundamentals ENG 109 3

Math-Science-Technology (10 CR)

Introduction to Data Processing CMP 110 3

Forensic Science CHM 105 4

Basic Statistics MAT 108 3

Social Science (3 CR)

Principles of Sociology SOC 120 3

Humanities (3 CR)

History of the African American Experience

OR HIS 204 3

History of American Women

OR HIS 209

Twentieth Century American History: US I HIS 167

Social Science/Humanities Electives (3 CR)

Choose from General Education course list 3

General Education Electives (6 CR)

Choose from General Education course list 6

Total General Education Credits 34

Criminal Justice Core (30 CR)

Criminal Justice System CJS 121 3

Introduction to Criminology CJS 116 3

Concepts of Criminal Law CJS 222 3

Criminal Evidence & Procedure CJS 223 3

American Government POL 111 3

State & Local Government POL 231 3

Constitutional Law POL 222 3

Deviant Behavior SOC 222 3

History of Minorities HIS 203 3

Criminal Justice Elective 3

Total Core Credits 30

Total Program Credits 64

DIGITAL MEDIA TECHNOLOGY

Curriculum Code: 3530

A.A.S. Degree

General Education Foundation (21/23 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (6/8 CR) 6/8

Mathematic Elective (3/4 CR)		
Science Elective (3/4 CR)		

Social Science Or Humanities (3 CR)

General Psychology	PSY 113	3
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General Education Electives (6 CR) 6

Humanities Electives

Total General Education Credits 21/23

Digital Media Technology Core (42/43 CR)

Two-Dimensional Design	ART 130	3
The Internet and Web Page Design	CMP 239	3
Web Design Tools	CMP 245	3
Multimedia I	MED 110	3
Multimedia II	MED 113	3
Media Aesthetics	MED 114	3
Digital Media Production	MED 119	3
Multimedia Authoring and Design	MED 213	3
Animation	MED 220	3
Media Cooperative Work Experience	MED 228	3
AND		
Media Related Class	MED 229	1
OR		
Media Internship	MED 230	3
Technical Elective		3
Technical Emphasis Elective		6
Free Elective		3

Total Core Credits 42/43

Total Program Credits 63/66

EARLY CHILDHOOD EDUCATION

Curriculum Code: 2940

A.S. Degree

General Education Foundation (30/31 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (9-10 CR) 9/10

Mathematics Elective (3-4 CR)		
Laboratory Science Elective (4 CR)		
Technology (1-3 CR)		

Social Science (3 CR)

General Psychology	PSY 113	3
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Humanities (3 CR) 3

Choose from General Education course list

Social Science Or Humanities (3 CR)

Principles of Sociology	SOC 120	3
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General Education Courses (6 CR)

History Elective		3
Speech Fundamentals	ENG 109	3

Total General Education Credits 30/31

Early Childhood Education Core (34 CR)

Child Psychology	PSY 213	3
Educational Psychology	PSY 217	3
Art Start – A Creative Experience	ART 101	3
Music in Early Childhood	MUS 129	3
Children’s Literature	ENG 118	3
Early Childhood Development	CDC 110	3
Teaching in America	EDU 111	3
Behavioral Observation in Education	EDU 211	3
Contemporary Social Issues	SOC 202	3
The Family	SOC 209	3
Cooperative Education Work Experience	CDC 228	3
Cooperative Education Related Class	CDC 229	1

Total Core Credits 34

Total Program Credits 64/65

ELECTRONICS ENGINEERING TECHNOLOGY

Curriculum Code: 3600

A.A.S. Degree

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

College Algebra	MAT 110	3
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Social Science Or Humanities (3 CR)

Choose from General Education course list		3
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General Education (8 CR)

Technical Physics I	PHY 111	4
Technical Physics II	PHY 112	4

Total General Education Credits 20

Electronics Core (44 CR)

Circuit Analysis		
OR	ELT 121	4

Electricity and Electronics	ELT 201	4
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Active Circuit Components	ELT 115	3
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Digital Principles	ELT 110	3
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Advanced Digital and Microprocessors	ELT 209	4
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Electronic Fabrication	ELT 210	1
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Active Circuit Design	ELT 213	4
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Industrial Electronics	ELT 215	4
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Electronic Communications Systems	ELT 231	4
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Computer-Aided Drafting I	ENR 117	2
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Technical Computer Applications	ENR 119	1
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Technical Computer Programming	ENR 120	2
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Instrumentation and Measurements	ENR 124	2
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Applied Calculus	MAT 113	4
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Technical Electives		6
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Total Core Credits 44

Total Program Credits 64

Biomedical Equipment

Curriculum Code: 3601

A.A.S. Degree

An Electronics Engineering Technology Option

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
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English Composition II	ENG 112	3
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Math-Science-Technology (3 CR)

College Algebra	MAT 110	3
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Social Science Or Humanities (3 CR)

Choose from General Education course list		3
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General Education (8 CR)

Technical Physics I	PHY 111	4
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Applied Calculus	MAT 113	4
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Total General Education Credits 20

Electronics Engineering Technology Biomedical Equipment Option Core(44 CR)

Circuit Analysis		
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OR	ELT 121	4
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Electricity and Electronics	ELT 201	4
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Active Circuit Components	ELT 115	3
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Biomedical Electronics	ELT 200	3
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Advanced Digital and Microprocessors	ELT 209	4
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Electronic Fabrication	ELT 210	1
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Active Circuit Design	ELT 213	4
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Industrial Electronics	ELT 215	4
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Digital Principles	ELT 110	3
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Biomedical Clinical Experience	ELT 227	3
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Electronic Communications Systems	ELT 231	4
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Computer-Aided Drafting I	ENR 117	2
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Technical Computer Applications	ENR 119	1
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Technical Computer Programming	ENR 120	2
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Instrumentation and Measurements	ENR 124	2
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Laboratory Science (Restrictive)	BIO/CHM	4
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Total Core Credits 44

Total Program Credits 64

ENGINEERING SCIENCE

Curriculum Code: 2180

A.S. Degree

General Education Foundation (30 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (11 CR)

Analytic Geometry & Calculus I	MAT 131	4
Differential Equations	MAT 232	3
General Chemistry I – Lecture	CHM 125	3
General Chemistry I – Lab	CHM 126	1

Social Science (6 CR)

Principles of Economics I	ECO 211	3
Principles of Economics II	ECO 212	3

Humanities (3 CR)

Choose from General Education course list 3

General Education (4 CR)

General Chemistry II – Lecture	CHM 127	3
General Chemistry II – Lab	CHM 128	1

Total General Education Credits 30

Engineering Science Core (39 + N1 CR)

Analytic Geometry & Calculus II	MAT 132	4
Calculus III	MAT 230	4
Engineering Graphics	ENR 121	2
Introduction to Engineering	ENR 123	N1
Computer Programming for Engineers	ENR 125	3
Solids of Mechanics	ENR 222	3
Engineering Mechanics I	ENR 223	3
Engineering Mechanics II	ENR 224	3
Engineering Circuit Analysis I	ENR 235	3
Engineering Circuit Analysis Laboratory I	ENR 236	1
Engineering Physics I – Lecture	PHY 130	4
Engineering Physics II – Lecture	PHY 133	4
Engineering Physics II – Lab	PHY 134	1
Engineering Physics III – Lecture	PHY 232	3
Engineering Physics III – Lab	PHY 233	1

Total Core Credits 39 + N1

Total Program Credits 69 + N1

EXERCISE SCIENCE

Curriculum Code: 2960

A.S. Degree

General Education Foundation (30 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math/Science/Technology (10 CR)

Mathematics Restricted Elective		3
Intro to Data Processing	CMP 110	3
OR		
Computer Software Applications	CMP 203	
Laboratory Science Restricted Elective		4

Social Science (3 CR)

General Psychology	PSY 113	3
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Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (9 CR)

Speech Fundamentals	ENG 109	3
Electives		6

Total General Education Credits 30

Exercise Science Core (32 CR)

Introduction to Exercise Science	HES 111	3
Anatomy & Physiology I	BIO 101	4
Anatomy & Physiology II	BIO 102	4
Kinesiology	HES 211	3
First Aid & Emergency Care	HED 295	3
Cardio Pulmonary Resuscitation	HED 283	1
Exercise Physiology	HES 212	3
Personal & Family Nutrition	HED 115	3
Personal Health & Wellness	HED 286	3
Exercise Measurement & Prescription	HES 213	3
Exercise Science Restricted Electives		2

Total Core Credits 32

Total Program Credits 63

Design

Curriculum Code: 4141

A.F.A. Degree

A Fine Arts Option -

Concentration in Fashion Design

General Education Foundation (22/23 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (7/8CR) 7/8

Mathematics Elective (3 CR)		
Laboratory Science Elective (4 CR)		
Technology (0-1 CR)		

Social Science Elective (3 CR) 3

Choose from General Education course list

General Education Courses (6 CR)

Art History I	ART133	3
ART History II	ART 134	3

Total General Education Credits 22/23

Design/Fashion Design Core (42 CR)

History of Design	DSN 110	3
Drawing I - AFA	ART122	3
Drawing II - AFA	ART 123	3
Two Dimensional Design - AFA	ART 130	3
Color Theory - AFA	ART 131	3
Three Dimensional Design AFA	ART 132	3
Drawing for Designers AFA	DSN 165	3
Design Rendering AFA	DSN 125	3
Design Concepts I AFA	DSN 120	3
Design Concepts II AFA	DSN 220	3
Portfolio Presentation AFA	ART 230	3
Fashion Construction Technology I AFA	DSN 135	3
Fashion Construction Technology II AFA	DSN 160	3
Fashion Design Elective		3

Total Core Credits 42

Total Program Credits 64/65

Design

Curriculum Code: 4141

A.F.A. Degree

A Fine Arts Option -

Concentration in Fashion Merchandising

General Education Foundation (22/23 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (7/8CR) 7/8

Mathematics Elective (3 CR)		
Laboratory Science Elective (4 CR)		
Technology (0-1 CR)		

Social Science Elective (3 CR) 3

Choose from General Education course list

General Education Courses (6 CR)

ART History I	ART133	3
ART History II	ART 134	3

Total General Education Credits 22/23

Design/Fashion Merchandising Core (39 CR)

History of Design	DSN 110	3
Drawing I - AFA	ART122	3
Two Dimensional Design - AFA	ART 130	3
Three Dimensional Design - AFA	ART 132	3
Color Theory - AFA	ART 131	3
Design Rendering	DSN 125	3
Design Concepts I	DSN 120	3
Design Concepts II	DSN 220	3
Portfolio Presentation	ART 230	3
Fashion Merchandising I	DSN 135	3
Fashion Merchandising II	DSN 160	3
Principles of Marketing I	MKT 113	3
Fashion Merchandising Elective		3

Total Core Credits 39

Total Program Credits 61/62

Design

Curriculum Code: 4141

A.F.A. Degree

A Fine Arts Option -

Concentration in Industrial Design

General Education Foundation (22/23 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (7/8 CR)

College Algebra	MAT110	3
Laboratory Science Elective (4 CR)		
Technology (0-1 CR)		

Social Science Elective (3 CR)

Choose from General Education course list

General Education Courses (6CR)

Art History I	ART 133	3
Art History II	ART 134	3

Total General Education Credits 22/23

Design/Industrial Design Core (40 CR)

History of Design	DSN 110	3
Drawing 1 - AFA	ART122	3
Two Dimensional Design - AFA	ART 130	3
Color Theory - AFA	ART 131	3
Three Dimensional Design -AFA	ART 132	3
Drawing for Designers	DSN 165	3
Design Rendering	DSN 125	3
Design Concepts I	DSN 120	3
Design Concepts II	DSN 220	3
Portfolio Presentation	ART 230	3
CAD I(for Designers)	ENR 117	2
CAD II(for Designers)	ENR 118	2
Design Elective		3
Design Elective		3

Total Core Credits 40

Total Program Credits 62/63

Design

Curriculum Code: 4141

A.F.A. Degree

A Fine Arts Option -

Concentration in Interior Design

General Education Foundation (22/23 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (7/8 CR)

Mathematics Elective (3 CR)		7/8
Laboratory Science Elective (4 CR)		
Technology (0-1 CR)		

Social Science Elective (3 CR)

Choose from General Education course list

General Education Electives (6 CR)

Art History I	ART133	3
Art History II	ART 134	3

Total General Education Credits 22/23

Design/Interior Design Core (40 CR)

History of Design	DSN 110	3
Drawing I - AFA	ART122	3
Two Dimensional Design - AFA	ART 130	3
Color Theory - AFA	ART 131	3
Three Dimensional Design -AFA	ART 132	3
Drawing for Designers	DSN 165	3
Design Rendering	DSN 125	3
Design Concepts I	DSN 120	3
Design Concepts II	DSN 220	3
Portfolio Presentation	ART 230	3
CAD I (for Designers)	ENR 117	2
CAD II (for Designers)	ENR 118	2
Design Electives		6

Total Core Credits 40

Total Program Credits 62/63

Drama

Curriculum Code: 4150

A.F.A. Degree

A Fine Arts Option

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR) 3

Social Science Or Humanities (3 CR) 3

General Education Electives (8 CR) 8

Total General Education Credits 20

Drama Core (40 CR)

Acting I – AFA	DRA 110	3
Acting II – AFA	DRA 112	3
Acting III – AFA	DRA 210	3
Acting IV – AFA	DRA 212	3
History of Theatre I	ENG 233	3
History of Theatre II	ENG 234	3
Drama Workshop	DRA 114	3
Dramatic Performance I	DRA 116	1
Dramatic Performance II	DRA 118	1
Dramatic Performance III	DRA 216	1
Dramatic Performance IV	DRA 218	1
Intro. to Technical Theatre	DRA 224	3
Movement for the Actor	DRA 222	3
Voice for the Actor	DRA 220	3
Directing	DRA 229	3
Dev. of Musical Theatre	MUS 133	3
Free Electives		4

Total Core Credits 40

Total Program Credits 64

Visual Arts

Curriculum Code: 4140

A.F.A. Degree

A Fine Arts Option -

General Education Foundation (25/26 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (7/8 CR) 7/8

Choose from General Education course list

Mathematics Elective (3 CR)

Laboratory Science Elective (4 CR)

Technology (0-1 CR)

Social Science (3 CR)

General Psychology

OR PSY 113 3

Principles of Sociology SOC 120

General Education Courses (9 CR)

Art History I ART 133 3

Art History II ART 134 3

Speech Fundamentals ENG 109 3

Total General Education Credits 25/26

Visual Arts Core (36 CR)

Drawing I—AFA ART 122 3

Drawing II—AFA ART 123 3

Figure Drawing—AFA ART 124 3

Two-Dimensional Design – AFA ART 130 3

Color Theory—AFA ART 131 3

Three-Dimensional Design—AFA ART 132 3

Painting I ART 219 3

Sculpture I ART 228 3

Ceramics I ART 241 3

Portfolio and Presentation ART 230 3

Visual Arts Electives 6

Total Core Credits 36

Total Program Credits 61/62

FIRE SCIENCE TECHNOLOGY

Curriculum Code: 3460

A.A.S. Degree

General Education Foundation (20/22 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Basic Statistics		
OR	MAT 108	3
Statistics	MAT 124	3

Social Science (3 CR)

General Psychology	PSY 113	3
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General Education (9 CR)

Principles of Sociology	SOC 120	3
Diversity		3
Technology Elective		3

Total General Education Credits 20/22

Fire Science Technology Core (38/39 CR)

Introduction to Fire Science	FST 101	3
Fire Prevention & Related Codes	FST 102	3
Fire Service Management	FST 201	3
Hazardous Materials	FST 202	3
Fire Protection, Building Construction	FST 204	3
Current Issues in Fire Science/ Capstone Exper.	FST 210	3
Fire Science Electives		15/16
Biology of Environmental Concerns		
OR	BIO 127	4
Meteorology	PHY 118	4
		1
Health and Wellness		2

Total Core Credits 38/39

Total Program Credits 60/61

GRAPHIC DESIGN

Curriculum Code: 3560

A.A.S. Degree

General Education Foundation (21/22 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (6/7 CR)

Choose from General Education course list		
Mathematics		3
Laboratory Science (4 CR for transfer students)		
Science (3 CR for non-transfer students)		3/4

Social Science Or Humanities (3 CR)

Choose from General Education course list		3
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General Education Electives (6 CR)

Art History I	ART 133	3
Art History II	ART 134	3

Total General Education Credits 21/22

Visual Arts Core (43 CR)

History of Graphic Design (Required)	GRD 110	3
Drawing I—AFA	ART 122	3
Two-Dimensional Design - AFA	ART 130	3
Photography I	PHO 115	3
Graphic Design I	GRD 120	3
Graphic Design II	GRD 220	3
Introduction to Computer Graphics	GRD 111	3
Electronic Prepress	GRD 116	3
Typography I	GRD 118	3
Typography II	GRD 218	3
Internship/Cooperative Work Experience	GRD 232	3
Internship/Coop Related Class	GRD 229	1
Portfolio Project	GRD 227	3
Graphic Design Elective		6

Total Core Credits 43

Total Program Credits 64/65

HOSPITALITY MANAGEMENT

Curriculum Code: 3420

A.A.S. Degree

General Education Foundation (21/22 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (6/7 CR)

Math Elective		3
Laboratory Science/Technology Elective		3/4

Social Science Or Humanities (3 CR) 3

Choose from General Education course list

General Education Electives (6 CR)

Elements of Economics	ECO 113	3
OR		
Principles of Economics	ECO 211	
Humanities Elective		3

Total General Education Credits 21/22

Hospitality/ Business Core (40 CR)

Introduction to Business	BUS 112	3
Principles of Accounting	ACC 111	3
Business Law I	BUS 213	3
Introduction to Hospitality Industry	HOS 118	3
Introduction to Food	HOS 101	3
Food Management	HOS 102	3
Food Production	HOS 103	3
Hotel/Hospitality Management	HOS 120	3
Foodservice Sanitation & Safety	HOS 209	3
Human Resource Mgt. in the Hospitality Ind.	HOS 211	3
Food & Beverage Purchasing & Cost Control	HOS 213	3
Food & Beverage Service Management	HOS 215	3
Cooperative Education Work Experience	HOS 223	3
Cooperative Education Related Class	HOS 224	1
Free Elective		3

Total Core Credits 40

Total Program Credits 64/65

Restaurant & Culinary Management (NRAEF Certification)

Curriculum Code: 3434

A.A.S. Degree

A Hospitality Management Option

General Education Foundation (21/22 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (6/7 CR)

Math Elective		3
Laboratory Science/Technology Elective		3/4

Social Science Or Humanities (3 CR) 3

Choose from General Education course list

General Education Electives (6 CR)

Elements of Economics	ECO 113	3
OR		
Principles of Economics	ECO 211	
Humanities Elective		3

Total General Education Credits 21/22

Hospitality/Business Core (40 CR)

Introduction to Food	HOS 101	3
Food Management	HOS 102	3
Food Production	HOS 103	3
Food Safety and Nutrition	HOS 104	3
Principles of Accounting	ACC 111	3
Introduction to Business	BUS 112	3
Dining Room Service	HOS 110	4
OR		
Cooperative Education Work Experience	HOS 223	
Cooperative Education Related Class	HOS 224	
Business Law I	BUS 213	3
Human Resource Mgt. in the Hospitality Ind.	HOS 211	3
Food & Bev Purchasing & Cost Control	HOS 213	3
HOS Electives		6
Free Elective		3

Total Core Credits 40

Total Program Credits 61/62

LANDSCAPE AND HORTICULTURAL TECHNOLOGY

Landscape Management and Design

Curriculum Code: 3320

A.A.S. Degree

A Landscape and Horticultural Technology Option

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Math for Liberal Arts	MAT 120	3
OR		
College Algebra	MAT 110	

Social Science Or Humanities (3 CR)

Choose from General Education course list		3
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General Education Electives (8 CR)

Biology of Environmental Concerns	BIO 127	4
Intro to Chemistry	CHM 117	3
Intro to Chemistry Lab	CHM 118	1

Total General Education Credits		20
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Landscape Management and Design Core (45 CR)

Plant Science	LHT 110	3
Introduction to Horticulture	LHT 111	4
Landscape Plant Identification	LHT 114	3
Herbaceous Plants	LHT 108	3
Grounds Maintenance	LHT 124	3
Horticultural Computer Software Applications	LHT 115	3
Plant Pest Management	LHT 215	4
Landscape Construction	LHT 231	3
Irrigation Systems	LHT 235	4
Landscape Design and Planning I	LHT 211	3
Landscape Design and Planning II	LHT 212	3
Landscape Estimating and Specifications	BUS 205	3
Horticultural Soils	LHT 116	3
Cooperative Agricultural Experience	LHT 233	3

Total Core Credits		45
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Total Program Credits 65

Agribusiness Option

Curriculum Code: 3321

A.A.S. Degree

A Landscape and Horticultural Technology Option

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Math for Liberal Arts	MAT 120	3
OR		
College Algebra	MAT 110	

Social Science Or Humanities (3 CR)

Choose from General Education course list		3
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General Education Electives (8 CR)

Biology of Environmental Concerns	BIO 127	4
Introduction to Chemistry Lecture	CHM 117	3
Introduction to Chemistry Lab	CHM 118	1

Total General Education Credits		20
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Landscape Management and Design Core (46 CR)

Plant Science	LHT 110	3
Introduction to Horticulture	LHT 111	4
Landscape Plant Identification	LHT 114	3
Herbaceous Plants	LHT 108	3
OR		
Grounds Maintenance	LHT 124	
OR		
Introduction to Turf Management	LHT 101	
Horticultural Computer Software Applications	LHT 115	3
Plant Pest Management	LHT 215	4
Landscape Construction	LHT 231	3
Irrigation Systems	LHT 235	4
Landscape Estimating and Specification	BUS 205	3
Horticultural Soils	LHT 116	4
Business Electives		9
Cooperative Agricultural Experience	LHT 233	3

Total Core Credits		46
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Total Program Credits 66

Turf and Turfgrass Management

Curriculum Code: 3324

A.A.S. Degree

A Landscape and Horticultural Technology Option

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Math for Liberal Arts OR	MAT 120	3
College Algebra	MAT 110	

Social Science Or Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (8 CR)

General Biology I AND	BIO 121	4
General Biology II OR	BIO 122	4
General Chemistry I Lecture & Lab AND	CHM 125/126	
General Chemistry II Lecture & Lab	CHM 127/128	

Total General Education Credits 20

Landscape Management and Design Core (46 CR)

Introduction to Turf Management	LHT 101	3
Herbaceous Perennials	LHT 108	3
Plant Science	LHT 110	3
Introduction to Horticulture	LHT 111	4
Landscape Plant Identification	LHT 114	3
Horticultural Computer Software Applications	LHT 115	3
Grounds Maintenance	LHT 124	3
Plant Pest Management	LHT 215	4
Landscape Construction	LHT 231	3
Irrigation Systems	LHT 235	4
Cooperative Agricultural Experience	LHT 233	3
Landscape and Turf Installation	LHT 234	3
Horticultural Soils	LHT 116	4
Free Elective		3

Total Core Credits 46

Total Program Credits 66

LIBERAL ARTS & SCIENCES

Broadcasting Arts & Technology, Media Studies

Curriculum Code: 1132

A.A. Degree

A Liberal Arts and Sciences Option

General Education Foundation (47 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (14 CR)

Probability & Statistics	MAT 130	4
Laboratory Science Elective		4
Computer Software Applications (MS OFFICE)	CMP 203	3
Communications & Technology	CMP 127	3

Social Science (6 CR)

Principles of Sociology	SOC 120	3
General Psychology	PSY 113	3

Humanities (9 CR)

Language/Literature Sequence		6
Humanities Elective		3
Choose from General Education course list		

History (6 CR)

Diversity: (3 CR) 3

Choose from General Education Course List

Total General Education Credits 47

Broadcasting Arts & Technology Core (15/16 CR)

Media Aesthetics	MED 114	3
Introduction to Broadcasting	MED 117	3
Television Production I	MED 211	3
Television Production II	MED 212	3
Media or Communications Elective		3/4

Total Core Credits 15/16

Total Program Credits 62/63

Human Services

Curriculum Code: 1134

A.A. Degree

A Liberal Arts and Sciences Option

General Education Foundation (45 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (12 CR)

Statistics MAT 124 3

Mathematics Elective (3/4 CR)
OR

Laboratory Science Electives (4-8 CR)

Technology (0-4 CR)

Social Science (6 CR)

Principles of Sociology SOC 120 3

General Psychology PSY 113 3

Humanities (9 CR)

Choose from General Education course list 9

History (6 CR)

History of the African-American Experience HIS 204 3

History of American Women HIS 209 3

Diversity (3CR)

Contemporary Social Issues SOC 202 3

Total General Education Credits 45

Human Services Core (18 CR)

Introduction to Social Welfare HMS 215 3

Human Needs and Social Services HMS 216 3

Community Mental Health PSY 229 3

The Family SOC 209 3

Principles of Economics I ECO211 3

History of Minorities HIS 203 3

Total Core Credits 18

Total Program Credits 63/66

Humanities/Social Science

Curriculum Code: 1130

A.A. Degree

A Liberal Arts and Sciences Option

General Education Foundation (45 CR)

Communications (9 CR)

English Composition I ENG 111 3

English Composition II ENG 112 3

Speech Fundamentals ENG 109 3

Math-Science-Technology (12 CR)

Choose from General Education course list 12

Mathematics (3-8 CR)

Laboratory Science (4-8 CR)

Technology (0-4 CR)

Social Science (6 CR)

General Psychology PSY 113 3

Principles of Sociology SOC 120 3

Humanities (9 CR)

Choose from General Education course list 9

History (6 CR)

Choose from General Education course list 6

Diversity (3 CR)

Choose from General Education course list 3

Total General Education Credits 45

Liberal Arts Core (18 CR)

Literature Survey or Language Sequence 3

Restricted Elective 15

Total Core Credits 18

Total Program Credits 63

Journalism, Media Studies

Curriculum Code: 1133

A.A. Degree

A Liberal Arts and Sciences Option

General Education Foundation (45 CR)

Communications(9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (12 CR)

Probability and Statistics	MAT 130	4
Laboratory Science Elective		4
Computer Information Literacy	CMP 101	1
Communications & Technology	CMP 127	3

Social Science (6 CR)

Principles of Sociology	SOC 120	3
Political Science Elective		3

Humanities (9 CR)

Literature Survey Or Language Sequence		3
Humanities Elective		3
Choose from General Education course list		3

History (6 CR)

Diversity (3 CR)		6
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Intercultural Communication	ISA 110	3
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Total General Education Credits 45

Journalism Core (18 CR)

Introduction to Mass Media	COM 115	3
Introduction to Journalism	COM 111	3
Newsriting		
Advanced Journalism Reporting	COM 112	3
Editing & Publication Design	COM 209	3
Media or Communications Elective		3
Criminal Justice Elective		3

Total Core Credits 18

Total Program Credits 63

International Studies Option

Curriculum Code: 1160

A.A. Degree

A Liberal Arts and Sciences Option

General Education Foundation (45 CR)

Communications(9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology Options (12 CR)

Choose from General Education Course List 12

Mathematics (3-8 CR)

Laboratory Science (4-8 CR)

Technology (0-4CR)

Social Science (6 CR)

General Psychology	PSY 113	3
Principles of Sociology	SOC 120	3

Humanities (9 CR)

Literature Survey Electives		6
Select from General Education course list		3

History (6 CR)

Diversity (3 CR)		6
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Choose from General Education course list 3

Total General Education Credits 45

International Studies Core (18 CR)

Intercultural Communication	ISA 110	3
Cultural Geography	SOC 108	3
Modern Language		12

Total Core Credits 18

Total Program Credits 63

Music

Curriculum Code: 1190

A.A. Degree

A Liberal Arts and Sciences Option

General Education Foundation (45 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (12 CR) 12

Choose from General Education course list

Mathematics (3-8 CR)		
Laboratory Science (4-8 CR)		
Technology (0-1 CR)		

Social Science (6 CR)

General Psychology	PSY 113	3
Principles of Sociology	SOC 120	3

Humanities (9 CR) 9

History (6 CR) 6

Diversity (3CR)

World Music and Culture OR	MUS 143	3
Rock History and Culture OR	MUS 164	
Jazz History and Styles	MUS 150	

Total General Education Credits 45

Musical Core (23 CR)

Music Theory I, II	MUS 117,118	6
Music Theory III, IV	MUS 215,216	6
Applied Music Primary I, II	MUS 135,136	2
Applied Music Primary III, IV	MUS 137,138	2
Applied Music Secondary I, II	MUS 125,126	2
Applied Music Secondary III, IV	MUS 225,226	2
Chamber Choir I, II	MUS 145,146	2
Chamber Choir III	MUS 147	1

Total Core Credits 23

Total Program Credits 68

Musical Theatre

Curriculum Code: 2006

A.A. Degree

A Liberal Arts and Sciences Option

General Education Foundation (45 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG112	3
Speech Fundamentals	ENG109	3

Math-Science-Technology (12 CR) 12

Choose from General Education course list

Mathematics (3-8 CR)		
Laboratory Science (4-8 CR)		
Technology (0-1 CR)		

Social Science (6 CR)

General Psychology	PSY 113	3
Principles of Sociology	SOC 120	3

Humanities (9 CR)

Development of Musical Theater	MUS 133	3
American Music	MUS 114	3
Contemporary Music	MUS 258	3

History (6 CR) 6

Diversity (3CR)

World Music and Culture OR	MUS 143	3
Jazz History and Styles	MUS 150	

Total General Education Credits 45

Musical Theatre Core (23 CR)

Music Theory I	MUS 117	3
App Mus Sec-Voice I	MUS 109	1
Piano I-II	MUS 152,153	2
Chamber Choir I, II, III, IV	MUS 145-148	4
Applied Music Primary I & II	MUS 135,136	2
Operetta and Musical Theatre I-IV	MUS 227-230	4
Musical Theatre Auditions	MUS 243	3
Acting I	DRA 110	3
Dance for Musical Theatre	DAN 146	1

Total Core Credits 23

Total Program Credits 68

MUSIC TECHNOLOGY

Music Recording

Curriculum Code: 2170

A.S. Degree

A Music Technology Option Option

General Education Foundation (30 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (9 CR)

College Algebra	MAT 110	3
Intro to Data Processing	CMP 110	3
Intro to Astronomy	SCI 106	3
OR		
Natural Science	SCI 101	

Social Science (3 CR)

General Psychology	PSY 113	3
OR		
Principles of Sociology	SOC 120	

Humanities (3 CR)

American Music	MUS 114	3
OR		
Contemporary Music	MUS 258	
OR		
Enjoyment of Music	MUS 248	

Social Science Or Humanities (3 CR)

Choose from the General Education course list

General Education Electives (6 CR)

Language Sequence Or History

Total General Education Credits 30

Music Recording Core (38 CR)

Music Theory I & II	MUS 117,118	6
Music Theory III & IV	MUS 215,216	6
Applied Music Primary I,II,III	MUS 135,137	3
Applied Music Secondary I & II	MUS 135, 136,137	2
Chorus I, II	MUS 101, 102	2
OR		
Chorus I and Ensemble Elective		
Intro to Recording	MUS 165	3
Music Recording II	MUS 167	3
Microphone Techniques	MUS 180	2
Audio Production Techniques	MUS 182	1
Hard Disk Recording	MUS 259	2
Music Recording Practicum	MUS 249	1
Internship in Music Recording	MUS 250	1
Intro to Music Business	MUS 166	3
Studio Maintenance	ELT 123	3

Total Core Credits 38

Total Program Credits 68

Electronic Music

Curriculum Code: 2171

A.S. Degree

A Music Technology Option

General Education Foundation (30 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (9 CR)

College Algebra	MAT 110	3
Intro to Data Processing	CMP 110	3
Intro to Astronomy		
OR	SCI 106	3
Natural Science	SCI 101	

Social Science (3 CR)

General Psychology	PSY 113	3
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Humanities (3 CR)

American Music	MUS 114	3
OR		
Contemporary Music	MUS 258	
OR		
Enjoyment of Music	MUS 248	

Social Science Or Humanities (3 CR)

Choose from General Education course list

General Education Electives (6 CR)

Language Sequence Or History

Total General Education Credits 30

Electronic Music Core (37 CR)

Music Theory I & II	MUS 117, 118	6
Music Theory III & IV	MUS 215, 216	6
Applied Music Primary I, II, III	MUS 135, 136,137	3
Applied Music Secondary I & II	MUS 125, 126	2
Applied Music Secondary III & IV	MUS 225, 226	2
Chorus I, II	MUS 101, 102	1
OR		
Chorus I and Ensemble Elective		
Intro to Electronic Music	MUS 112	3
Electronic Music II	MUS 124	3
Hard Disk Recording	MUS 259	2
Independent Study	MUS 244	2
Electronic Music I		
Independent Study	MUS 245	1
Electronic Music II		
Intro to Music Business	MUS 166	3
Intro to Music Recording	MUS 165	3

Total Core Credits 37

Total Program Credits 67

MECHANICAL ENGINEERING TECHNOLOGY

Curriculum Code: 3700

A.A.S. Degree

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

College Algebra	MAT 110	3
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Social Science Or Humanities (3 CR)

Choose from General Education course list

General Education (8 CR)

Technical Physics I	PHY 111	4
Technical Physics II	PHY 112	4

Total General Education Credits 20

Mechanical Engineering Core (44/45 CR)

Computer-Aided Drafting I	ENR 117	2
Technical Computer Applications	ENR 119	1
Technical Computer Programming	ENR 120	2
Instrumentation and Measurements	ENR 124	2
Computer-Aided Design & Applications	ENR 126	2
Engineering Technology Project	ENR 240	3
Statics	MEC 104	3
Mechanical Prototyping	MEC 117	2
Computer Integrated Manufacturing	MEC 118	2
Materials for Engineering Technology	MEC 110	4
Strength of Materials	MEC 141	3
Kinematics		
OR	MEC 235	3
Technical Elective	TECH	
Machine Design	MEC 236	4
Electricity and Electronics	ELT 201	4
Technical Elective	TECH	3/4
Applied Calculus	MAT 113	4

Total Core Credits 44/45

Total Program Credits 64/65

NURSING

Curriculum Code: 3800

A.A.S. Degree

General Education Foundation (20 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Introduction to Chemistry	CHM 117	3
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Social Science Or Humanities (3 CR)

Choose from General Education course list

General Education Electives (8 CR)

Anatomy & Physiology I	BIO 101	4
Anatomy & Physiology II	BIO 102	4

Total General Education Credits 20

Nursing Core (47 CR)

Health & Wellness Elective		2
General Psychology	PSY 113	3
Microbiology	BIO 215	4
Foundations of Nursing	NUR 105	1
Nursing I	NUR 121	6
Nursing II	NUR 123	10
Nursing III	NUR 211	10
Nursing IV	NUR 212	10
Nursing Colloquium	NUR 224	1

Prerequisites And Corequisites

NUR 121: Nursing I

Prerequisite, MAT 014, MAT 016 if indicated

Pre/Co-requisite, BIO 101

Co-requisite, NUR 105, NUR 220

NUR 123: Nursing II

Prerequisites, NUR 121, BIO 101, NUR 220

Pre/Co-requisites BIO 102, CHM 117

NUR 211: Nursing III

Prerequisites, NUR 122, BIO 102, CHM 117

Pre/Co-requisite, BIO 215

NUR 212: Nursing IV

Prerequisites, NUR 211, BIO 215

Pre/Co-requisite, NUR 224

Total Core Credits 47

Total Program Credits 67

PHOTOGRAPHY TECHNOLOGY

Curriculum Code: 3550

A.A.S. Degree

General Education Foundation (25/26 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (7/8 CR) 7/8

Choose from General Education course list

Mathematics (3 CR)

Laboratory Science (4 CR)

Technology (0-1 CR)

Social Science Or Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (9 CR)

History of Photography	PHO 113	3
General Education Electives		6

Total General Education Credits 25/26

Photography Tech. Core (39 CR)

Photography I	PHO 115	3
Photography II	PHO 116	3
Equipment, Materials & Processes	PHO 112	3
Contemporary Photography	PHO 119	3
Digital Imaging I	PHO 204	3
Large Format Photography	PHO 215	3
Studio Lighting	PHO 216	3
Digital Imaging II	PHO 223	3
Portfolio Preparation	PHO 226	3
Professional Studio	PHO 227	3
Photography Elective		3
Two-Dimensional Design	ART 130	3
Drawing I	ART 122	3

Total Core Credits 39

Total Program Credits 64/65

PUBLIC ADMINISTRATION

Curriculum Code: 2260

A.S. Degree

General Education Foundation (31/32 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (10/11 CR)

Computer Software Application		
OR	CMP 203	3
Introduction to Data Processing	CMP 110	
Mathematics Elective		3/4
Laboratory Science Elective		4

Social Science (3 CR)

Principles of Sociology	SOC 120	3
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Humanities (3 CR)

History of American Women	HIS 209	3
OR		
History of the African-American Exp	HIS 204	
OR		
Twentieth Century American History, US II	HIS 167	

Social Science/Humanities (3 CR)

Comparative Government	POL 245	3
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General Education (6 CR)

Choose from General Education course list		3
Speech Fundamentals	ENG 109	3

Total General Education Credits 31/32

Public Administration Core (30 CR)

American Government	POL 111	3
State & Local Government	POL 231	3
Public Administration	PUB 111	3
Constitutional Law	POL 222	3
General Psychology	PSY 113	3
OR		
Field Experience Public Admin	PUB 250	
History of Minorities in U.S.	HIS 203	3
OR		
History of American City and Suburb	HIS 247	
Elements of Accounting	ACC 110	3
OR		
Principles of Accounting I	ACC 111	
Principles of Economics I	ECO 211	3
Principles of Economics II	ECO 212	3
Business Law	BUS 213	3

Total Core Credits 30

Total Program Credits 61/62

Biology: Pre-Professional Scientific Track

Curriculum Code: 2160

A.S. Degree

A Science and Mathematics Option

General Education Foundation (32 CR)**Communication (6 CR)**

English Composition I ENG 111 3

English Composition II ENG 112 3

Math-Science-Technology (11 CR)

Precalculus MAT 123 4

Biology Elective 4

Math-Science-Technology Elective 3

Social Science (3 CR) 3

Choose from General Education course list

Humanities (3 CR)

Choose from General Education course list

Social Science or Humanities (3 CR) 3

General Psychology PSY 113 3

General Education Electives (6 CR) 6

Choose from General Education course list

Total General Education Credits 32**Biology Pre-Professional Core (32 CR)**

General Biology I BIO 121 4

General Biology II BIO 122 4

General Chemistry I Lecture CHM 125 3

General Chemistry I Lab CHM 126 1

General Chemistry II Lecture CHM 127 3

General Chemistry II Lab CHM 128 1

Organic Chemistry I Lecture CHM 231 3

Organic Chemistry I Lab CHM 231 1

Organic Chemistry II Lecture CHM 233 3

Organic Chemistry II Lab CHM 234 1

Analytic Geometry & Calculus I MAT 131 4

Free Elective 4

Total Core Credits 32**Total Program Credits 64****Biology: Environmental Track**

Curriculum Code: 2160

A.S. Degree

A Science and Mathematics Option

General Education Foundation (32 CR)**Communication (6 CR)**

English Composition I ENG 111 3

English Composition II ENG 112 3

Math-Science-Technology (11 CR)

Precalculus MAT 123 4

Biology Elective 4

Math-Science-Technology Elective 3

Social Science (3 CR) 3

Choose from General Education course list

Humanities (3 CR) 3

Choose from General Education course list

Social Science Or Humanities (3 CR) 3

General Psychology PSY 113 3

General Education Electives (6 CR) 6

Choose from General Education course list

Total General Education Credits 32**Environmental Science Core (32 CR)**

General Biology I BIO 121 4

General Biology II BIO 122 4

Ecology BIO 202 4

General Chemistry I Lecture CHM 125 3

General Chemistry I Lab CHM 126 1

General Chemistry II Lecture CHM 127 3

General Chemistry II Lab CHM 128 1

Statistics MAT 124 3

Free Elective 9

Total Core Credits 32**Total Program Credits 64**

Chemistry

Curriculum Code: 2152

A.S. Degree

A Science and Mathematics Option

General Education Foundation (32 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (11 CR)

Precalculus	MAT 126	4
Biology or Physics Elective		4
Math/Science/Technology Elective		3

Social Science (3 CR)

Choose from General Education course list 3

Humanities (3 CR)

Choose from General Education course list 3

Social Science Or Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (6 CR)

Choose from General Education course list 6

Total General Education Credits 32

Chemistry Core (32 CR)

General Chemistry I Lecture	CHM 125	3
General Chemistry I Lab	CHM 126	1
General Chemistry II Lecture	CHM 127	3
General Chemistry II Lab	CHM 128	1
Organic Chemistry I Lecture	CHM 231	3
Organic Chemistry I Lab	CHM 232	1
Organic Chemistry II Lecture	CHM 233	3
Organic Chemistry II Lab	CHM 234	1
Biology or Physics Elective		4
Analytic Geometry & Calculus I	MAT 131	4
Restricted Elective		4
Free Elective		4

Total Core Credits 32

Total Program Credits 64

Mathematics

Curriculum Code: 2150

A.S. Degree

A Science and Mathematics Option

General Education Foundation (32 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (11 CR)

Restricted Laboratory Science		4
Technology Elective		3
Restricted Laboratory Science		4

Social Science (3 CR)

Choose from General Education course list 3

Humanities (3 CR)

Choose from General Education course list 3

Social Science Or Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (6 CR)

Choose from General Education course list 6

Total General Education Credits 32

Mathematics Core (28/30 CR)

Precalculus	MAT 123	4
Analytic Geometry & Calculus I	MAT 131	4
Analytic Geometry & Calculus II	MAT 132	4
Calculus III	MAT 230	4

OR

Analytic Geometry & Calculus I	MAT 131	
Analytic Geometry & Calculus II	MAT 132	
Analytic Geometry & Calculus III	MAT 230	
Differential Equations	MAT 232	

Free Electives 10

Restricted Elective 3/4

Math Elective

OR

Computer Programming for Engineers ENR 125

Total Core Credits 28/30

Total Program Credits 60/62

TEACHER EDUCATION SPECIALIZATIONS

Biology Education Specialization

Curriculum Code: 2160 -TEBIO

A.S. Degree

A Science and Mathematics Option

General Education Foundation (33 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (9 CR)

Pre-Calculus	MAT 123	4
Analytical Geometry & Calculus I	MAT 131	4
Computer Information Literacy	CMP 101	1

Social Science (3 CR)

General Psychology	PSY 113	3
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Humanities (3 CR)

Choose from General Education course list 3

Social Science Or Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (6 CR)

Literature Survey Or Language Sequence 6

Total General Education Electives 33

Biology Education Core (32 CR)

General Chemistry I Lecture	CHM 125	3
General Chemistry II Lab	CHM 126	1
General Chemistry II Lecture	CHM 127	3
General Chemistry II Lab	CHM 128	1
General Biology I	BIO 121	4
General Biology II	BIO 122	4
Genetics (Spring Only)	BIO 201	4

OR

Analytic Geometry and Calculus I	MAT 131	
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Restricted Electives

Personal Health and Wellness	HED 286	3
Teaching in America	EDU 111	3
Behavior Observation Education	EDU 211	3
Education Psychology	PSY 217	3

Total Core Credits 32

Total Program Credits 65

Business Education Specialization

Curriculum Code: 2110-TEBUS

A.S. Degree

General Education Foundation (31 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (10 CR)

Restricted Mathematics Electives		6
Restricted Laboratory Science Elective		4

Social Science (3 CR)

General Psychology	PSY 113	3
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Humanities (3 CR)

History Elective		3
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General Education Electives (6CR)

Literature or Language		6
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Total General Education Credits 31

Business Core (33 CR)

Principles of Accounting I	ACC 111	3
Principles of Accounting II	ACC 112	3
Introduction to Business		

OR BUS 112 3

Principles of Management	BUS 215	
Business Information Systems	BUS 119	3
Principle of Marketing I	MKT 113	3
Principles of Economics I	ECO 211	3
Principles of Economics II	ECO 212	3

Restrictive Electives

Educational Psychology	PSY 217	3
Teaching in America	EDU 111	3
Behavior Observation in Education	EDU 211	3
Personal Health & Wellness	HED 286	3

Total Core Credits 33

Total Program Credits 64

Chemistry Education Specialization

Curriculum Code: 2152 -TECHM

A.S. Degree

A Science and Mathematics Option

General Education Foundation (33 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (9 CR)

Pre-Calculus	MAT 123	4
Biology Or Physics Elective		4
Computer Information Literacy	CMP 101	1

Social Science (3 CR)

General Psychology	PSY 113	3
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Humanities (3 CR)

History Elective		3
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Social Science Or Humanities (3 CR)

Choose from General Education course list		3
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General Education Electives (6 CR)

Literature Survey Or Language Sequence		6
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Total General Education Credits		33
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Chemistry Education Core (32 CR)

General Chemistry I Lecture	CHM 125	3
General Chemistry I Lab	CHM 126	1
General Chemistry II Lecture	CHM 127	3
General Chemistry II Lab	CHM 128	1
Organic Chemistry I Lecture (Fall Only)	CHM 231	3
Organic Chemistry II Lab	CHM 232	1
Organic Chemistry II Lecture (Spring Only)	CHM 233	3
Organic Chemistry II Lab	CHM 234	1
Analytical Geometry & Calculus I	MAT 131	4

Restricted Electives

Personal Health & Wellness	HED 286	3
Education Psychology	PSY 217	3
Teaching in America	EDU 111	3
Behavior Observation in Education	EDU 211	3

Total Core Credits		32
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Total Program Credits		65
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English Education Specialization

Curriculum Code: 1130-TEENG

A.A. Degree

General Education Foundation (45 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (12 CR)

Choose from General Education course list		12
Mathematics (3-8 CR)		
Laboratory Science (4-8 CR)		
Technology (0-4 CR)		

Social Science (6 CR)

General Psychology	PSY 113	3
Principles of Sociology	SOC 120	3

Humanities (9 CR)

American Literature Col.- Civil War	ENG 249	3
American Literature Civil War - 20th C	ENG 250	3
Humanities Elective		3

Choose from General Education course list

History (6 CR)

Diversity (3 CR)

World Literature: Beginnings to 1650	ENG 243	3
OR		
World Literature: 1650 to Present	ENG 244	

Total General Education Credits		45
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Teacher Education Core (12 CR)

Teaching in America	EDU 111	3
Behavior and Observation in Education	EDU 211	3
Educational Psychology	PSY 217	3
Personal Health and Wellness	HED 286	3

English Core (6 CR)

English Classics	ENG 246	3
Major British Writers- 19th & 20th C	ENG 247	3

Total Core Credits		18
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Total Program Credits		63
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**Exercise Science
Health/Physical Education Specialization**

Curriculum Code: 2960-TEPED

A.S. Degree

General Education Foundation (33 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (10 CR)

Mathematics Restricted Elective		3
Introduction to Data Processing	CMP 110	3
OR		
Computer Software Applications	CMP 203	
Science Restricted Elective		4

Social Science (3 CR)

General Psychology	PSY 113	3
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Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (8 CR)

Anatomy & Physiology I	BIO 101	4
Anatomy & Physiology II	BIO 102	4

Total General Education Credits 33

Teacher Ed Phy. Ed. Core (33 CR)

Introduction to Exercise Science	HES 111	3
Personal & Family Nutrition	HED 115	3
Personal Health & Wellness	HED 286	3
Kinesiology	HES 211	3
First Aid & Emergency Care	HED 295	3
Cardio Pulmonary Resuscitation	HED 283	1
Exercise Physiology	HES 212	3
Exercise Measurement & Prescription	HES 213	3
Educational Psychology	PSY 217	3
Teaching in America	EDU 111	3
Behavior Observation in Education	EDU 211	3
Exercise Science Restricted Electives		2

Total Core Credits 3

Total Program Credits 66

Mathematics Education Specialization

Curriculum Code: 2150-TEMAT

A.S. Degree

General Education Foundation (32 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (11 CR)

Restricted Laboratory Science		8
Technology		3

Social Science (3 CR)

General Psychology	PSY 113	3
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Humanities (3 CR)

Choose from General Education course list 3

Social Science Or Humanities (3 CR)

Choose from General Education course list 3

General Education Electives (6 CR)

Speech Fundamentals	ENG 109	3
Elective		3

Total General Education Credits 32

Mathematics Core (30/31 CR)

Precalculus	MAT 123	4
Analytic Geometry & Calculus I	MAT 131	4
Analytic Geometry & Calculus II	MAT 132	4
Calculus III	MAT 230	4

OR

Analytic Geometry & Calculus I	MAT 131	
Analytic Geometry & Calculus II	MAT 132	
Analytic Geometry & Calculus III	MAT 230	
Differential Equations	MAT 232	

Restricted Electives

Teaching in America	EDU 111	3
Behavior Observation in Education	EDU 211	3
Linear Algebra	MAT 228	3
Personal Health & Wellness	HED 286	3
Educational Psychology	PSY 217	3

Total Core Credits 30/31

Total Program Credits 62/63

**Social Studies (History)
Education Specialization**
Curriculum Code: 1130-TEHIS
A.A. Degree

General Education Foundation (45 CR)

Communication (9 CR)		
English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3
Math-Science-Technology(12 CR)		12
Choose from General Education course list		
Mathematics (3-8 CR)		
Laboratory Science (4-8 CR)		
Technology (0-4 CR)		
Social Science (6 CR)		
General Psychology	PSY 113	3
Principles of Sociology	SOC 120	3
Humanities (9 CR)		9
Choose from General Education course list		
Literature Survey or Language Sequence		
Humanities Elective		
History (6 CR)		6
Two sequential History course		
Diversity (3 CR)		3
Choose from General Education course list		
Total General Education Credits		45

Teacher Education Core (12 CR)

Teaching in America	EDU 111	3
Behavior and Observation in Education	EDU 211	3
Educational Psychology	PSY 217	3
Personal Health and Wellness	HED 286	3
History Core & Free Elective (6 CR)		
History of African American Experience	HIS 204	3
OR		
History of American Women	HIS 209	
Free Elective		3
Total Core Credits		18

Total Program Credits 63

**Social Studies (Psychology) Education
Specialization**
Curriculum Code: 1130-TEPSY
A.A. Degree
A Humanities/Social Science Option

General Education Foundation (45 CR)

Communication (9 CR)		
English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3
Math-Science-Technology (12 CR)		12
Choose from General Education Course List		
Mathematics (3-8 CR)		
Laboratory Science (4-8 CR)		
Technology (0-4 CR)		
Social Science (6 CR)		
General Psychology	PSY 113	3
Principles of Sociology	SOC 120	3
Humanities (9 CR)		9
Literature Survey Or Language Sequence		
Humanities Elective		
Choose from General Education course list		
History (6 CR)		6
Diversity(3 CR)		3
Choose from General Education course list		
Total General Education Credits		45

Teacher Education Core (12 CR)

Teaching in America	EDU 111	3
Behavior Observation in Education	EDU 211	3
Educational Psychology	PSY 217	3
Personal Health and Wellness	HED 286	3
Psychology Core/Free Electives		6
Total Core Credits		12

Total Program Credits 63

Social Studies (Sociology) Education Specialization

Curriculum Code: 1130-TESOC

A.A. Degree

A Humanities/Social Science Option

General Education Foundation (45 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (12 CR) 12

Choose from General Education course list

Mathematics (3-8 CR)
Laboratory Science (4-8 CR)
Technology (0-4 CR)

Social Science (6 CR)

General Psychology	PSY 113	3
Principles of Sociology	SOC 120	3

Humanities (9 CR) 9

Literature Survey Or Language Sequence
Humanities Elective

Choose from General Education course list

History (6 CR) 6

Diversity (3 CR) 3

Choose from General Education course list

Total General Education Credits 45

Teacher Education Core (12 CR)

Teaching in America	EDU 111	3
Behavior Observation in Education	EDU 211	3
Educational Psychology	PSY 217	3
Personal Health and Wellness	HED 286	3

Sociology Specialization Core (6 CR)

Contemporary Social Issues	SOC 202	3
Any Other Sociology Course		3

Total Core Credits 18

Total Program Credits 63

Spanish Education Specialization

Curriculum Code: 1130-TESPN

A.A. Degree

A Humanities/Social Science Option

General Education Foundation (45 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (12 CR) 12

Choose from General Education Course List

Mathematics (3-8 CR)
Laboratory Science (4-8 CR)
Technology (0-3 CR)

Social Science (6 CR)

General Psychology	PSY 113	3
Principles of Sociology	SOC 120	3

Humanities (9 CR)

Advanced Spanish Conversation	SPN 218	3
Advanced Spanish Composition	SPN 219	3
Humanities Elective		3

Select from the General Education course list

History (6 CR) 6

Diversity (3 CR) 3

Choose from General Education course list

Total General Education Credits 45

Teacher Education Core (12 CR)

Teaching in America	EDU 111	3
Behavior and Observation in Education	EDU 211	3
Educational Psychology	PSY 217	3
Personal Health and Wellness	HED 286	3

Education Specialization Core (6 CR)

Choose courses from Specialization Core List

Survey of Spanish (Peninsular) Literature	SPN 223	3
Survey of Latin-American Literature	SPN 224	3

Total Core Credits 18

Total Program Credits 63

Visual Arts Education Specialization

Curriculum Code: 4140-TEART

A.F.A. Degree

General Education Foundation (25/26 CR)

Communication (9 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3
Speech Fundamentals	ENG 109	3

Math-Science-Technology (7/8 CR) 7/8

Choose from General Education course list

Mathematics Elective (3 CR)
Laboratory Science Elective (4 CR)
Technology (0-1 CR)

Social Science (3 CR)

General Psychology	PSY 113	3
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General Education Courses (6 CR)

Art History I	ART 133	3
Art History II	ART 134	3

Education Core (12 CR)

Teaching in America	EDU 111	3
Behavior Observation in Education	EDU 211	3
Educational Psychology	PSY 217	3
Personal Health and Wellness	HED 286	3

Total General Education Credits 25/26

Visual Arts Core (27 CR)

Drawing I—AFA	ART 122	3
Drawing II—AFA	ART 123	3
Figure Drawing—AFA	ART 124	3
Two-Dimensional Design—AFA	ART 130	3
Color Theory—AFA	ART 131	3
Three-Dimensional Design—AFA	ART 132	3
Painting I	ART 219	3
Sculpture I	ART 228	3

OR

Ceramic I	ART 241	
Portfolio and Presentation	ART 230	3

Total Core Credits 27

Total Program Credits 64/65

TELECOMMUNICATIONS SYSTEMS TECHNOLOGY

Curriculum Code: 3650

A.A.S. Degree

General Education Foundation (21 CR)

Communication (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

Math-Science-Technology (3 CR)

Statistics	MAT 124	3
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Social Science (3 CR)

Principles of Economics I	ECO 211	3
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General Education (9 CR)

College Algebra	MAT 110	3
Computer Concepts & Problem-Solving Techniques	CMP 113	3
Computer Software Applications	CMP 203	3

Total General Education Credits 21

Telecommunications. Core (39/41 CR)

Principles of Marketing I	MKT 113	3
Introduction to Telecommunications	TEL 109	3
Advanced Digital & Microprocessors	ELT 209	4

OR

Computer Assembly Language	CMP 230	3
Technical Elective		3
Digital Principles	ELT 110	3
Data Communications	TEL 232	3
Routing I	TEL 110	3
Telecommunications Systems	TEL 234	3
Operating Systems Elective		3
Technical Elective		3/4
Business or Computer Elective		3
Programming Language Elective		3
Computer Operating Systems & Utilities	CMP 200	3

Total Core Credits 39/41

Total Program Credits 60/62

