CATALOG 2013-2014

Academic Programs



TABLE OF CONTENTS

COURSES APPROVED FOR GENERAL EDUCATION	1
AA DEGREE PROGRAM(S) IN LIBERAL ARTS	2
Liberal Arts, General Curriculum (AA.LA.GEN)	3
Liberal Arts, Cinema Studies Option (AA.LA.INST)	4
Liberal Arts, Communication Option (AA.LA.COMM)	5
Liberal Arts, Economics Option (AA.LA.ECON)	6
Liberal Arts, Global Studies Option (AA.LA.GLOBAL.STUD)	7
Liberal Arts, History Option (AA.LA.HIST)	8
Liberal Arts, Latin American Studies (AA.LA.LAS)	9
Liberal Arts, Literature Option (AA.LA.LIT)	10
Liberal Arts, Philosophy Option (AA.LA.PHIL)	11
Liberal Arts, Political Science Option (AA.LA.POLISCI)	12
Liberal Arts, Psychology Option (AA.LA.PSY)	13
Liberal Arts, Religion Option (AA.LA.REL)	14
Liberal Arts, Social Sciences Option (AA.LA.SOC.SCI)	15
Liberal Arts, Sociology Option (AA.LA.SOC)	16
Liberal Arts, Women Studies Option (AA.LA.WMST)	17
Liberal Arts, World Languages and Cultures Option (AA.LA.WLAN)	18
AA DEGREE PROGRAM(S) IN FINE AND PERFORMING ARTS	19
Fine and Performing Arts, General Curriculum (AA.FPA.GEN)	20
Fine and Performing Arts, Art Option (AA.FPA.ART)	21
Fine and Performing Arts, Cinema Studies Option (AA.FPA.CINST)	22
Fine and Performing Arts, Music Option (AA.FPA.MUSC)	23
Fine and Performing Arts, General Theatre Arts Option (AA.FPA.THTR)	24
Fine and Performing Arts, Theatre Arts – Acting Option (AA.FPA.THTR.ACT)	25
Fine and Performing Arts, Theatre Arts – Dance Option (AA.FPA.THTR.DAN)	26
Fine and Performing Arts, Theatre Arts – Technical Theatre Production Option (AA.FPA.THTR.TECH)	27
AS DEGREE PROGRAM(S) IN NATURAL SCIENCES OR MATHEMATICS	28
General Science Curriculum (AS.NSM.GEN)	29
Aviation Operations Option (AS.NSM.AVT.OPR)	30
Biology Option (AS.NSM.BIO)	31
Biotechnology Option (AS.NSM.BIO.TECH)	32
Chemistry Option (AS.NSM.CHM)	33
Computer Science Option (AS.NSM.COMP.SCI)	34
Mathematics Option (AS.NSM.MATH)	35
Physics Option (AS.NSM.PHYSC)	36
AS DEGREE IN ENGINEERING SCIENCE	37
Engineering Science (AS.NSM.ENGIN)	38
AS DEGREE PROGRAM(S) IN PROFESSIONAL STUDIES	39
General Curriculum (AS.PS.GEN)	40
Aviation Administration Option (AS.PS.AVT.ADM)	41
Broadcasting (AS.PS.BRCAST)	42

Business Administration – General Option (AS.PS.BUS.ADM)	43
Business Administration – Accounting Option (AS.PS.BUS.ACCT)	44
Business Administration – Hospitality Option (AS.PS.BUS.HOSP)	45
Business Administration – International Trade Option (AS.PS.BUS.INTL)	46
Business Administration – Management Option (AS.PS.BUS.MGMT)	47
Business Administration – Marketing Option (AS.PS.BUS.MKTG)	48
Business Administration – Nonprofit Management Option (AS.PS.BUS.NONPRF.MGT)	49
Criminal Justice Option (AS.PS.CRIMJ)	50
Early Childhood Education (AS.PS.EARLY.CHILD) – Pending State Approval	51
Education Option (AS.PS.EDU) - Pending State Approval	52
Exercise Science Option (AS.PS.EXER)	53
Health Science Option (AS.PS.HSC)	54
Information Technology (AS.PS.INFO)	55
Journalism Option (AS.PS.JOUR)	56
Labor Studies Option (AS.PS.LABOR)	57
Social Work Option (AS.PS.SOC.WK)	58
AFA (ASSOCIATE IN FINE ARTS) DEGREE PROGRAM(S)	59
Music – Music Business Option (AFA Degree) (AFA.MUSC.BUS)	60
Music – Music Technology Option (AFA Degree) (AFA.MUSC.TECH)	61
AAS DEGREE PROGRAMS – BASIC STRUCTURE	62
Art, Computer Animation (AAS.ART.ANIM)	63
Art, Graphic Design/Computer Graphics (AAS.ART.GRPH)	64
Business Administration, Accounting (AAS.BUS.ACCT)	65
Business Administration, Banking and Finance (AAS.BUS.BANK)	66
Business Administration, e-Business Management (AAS.BUS.e-BUS.MGMT)	67
Business Administration, Management Information Systems (AAS.BUS.INFO.SYS)	68
Business Administration, Publishing Operations and Management (AAS.BUS.PUB)	69
Hotel/Restaurant/Hospitality – General (AAS.BT.HR.GEN)	70
Hotel/Restaurant/Hospitality - Catering and Banquet Management (AAS.BT.HR.CATER)	71
Hotel/Restaurant/Hospitality - Culinary Entrepreneurship (AAS.BT.HR.CUL.EPR)	72
Hotel/Restaurant/Hospitality – Event Planning and Management (AAS.BT.HR.EVENT)	73
Hotel/Restaurant/Hospitality - Hospitality Management (AAS.BT.HR.HOSP)	74
Information Technology – Office Technology (AAS.BT.OFF.TECH)	75
Human Services, Correctional Studies (AAS.HS.CORR)	76
Human Services, Law Enforcement Studies (AAS.HS.LAWENF)	77
Human Services, Legal Studies, Paralegal (AAS.LS.PARALGL)	78
Music - Music Business Option (AAS Degree) (AAS.MUSC.MUS.BUS)	79
AAS DEGREE PROGRAMS – HEALTH PROFESSIONS AND CAREER TECHNOLOGIES	80
Health Professions – Dental Hygiene (AAS.HP.DENTL)	81
Health Professions – Diagnostic Medical Sonography (AAS.HP.DMS)	82
Health Professions – Health Science (AAS.HP.HEALTH.SCI)	83
Health Professions – Medical Office Assistant (AAS.HP.MOA)	84
Health Professions – Paramedic Science (AAS.HP.PAR) – Pending CAAHEP/State Approval	85

Health Professions – Radiography (AAS.HP.RAD)	86
Health Professions – Respiratory Care (AAS.HP.RESP)	87
Health Professions – Veterinary Technology (AAS.HP.VET)	88
Nursing, Day Session (AAS.NURS.DAY)	89
Nursing, Evening Session (AAS.NURS.EVE)	90
Health Professions/Career Tech – Interdisciplinary Program in Medical Informatics (AAS.MED.INFO)	91
Career Technologies – Drafting and Design Technology (AAS.IDT.DRFT)	92
Career Technologies – Electronics Technology (AAS.IDT.ELECT.TECH)	93
Career Technologies – General Engineering Technology (AAS.IDT.ENGIN.TECH)	94
Career Technologies – Manufacturing Technology (AAS.IDT.MFG.TECH)	95
Career Technologies – Science Technology, Horticulture (AAS.ST.HORT)	96
Career Technologies - Science Tech, Horticulture - Landscape/Design/Build Option (AAS.ST.LAND)	97
Information Technology – Database Programming and Administration (AAS.IT.DB)	98
Information Technology – Networking Administration (AAS.IT.NET)	99
Information Technology – Web Development and Management (AAS.IT.WEB)	100
Software Development – Game Programming (AAS.SD.GAME.PGMG)	101
Software Development – Game Testing (AAS.SD.GAME.TEST)	102
Music – Recording Technology (AAS.MUSC.REC.TECH)	103
CERTIFICATES	104
Computer Aided Drafting [CAD] (CERT.CAD)	105
Computer Animation (CERT.ANIM)	106
Computer Graphics (CERT.COMP.GRAPH)	107
Computer Science (CERT.COMP.SCI)	108
Computer Technical Support (CERT.COMP.SUPPORT)	109
Culinary Arts (CERT.CULN.ARTS)	110
Culinary Science (CERT.CULN.SCI)	111
Database Programming and Administration (CERT.DB)	112
e-Commerce: Business Emphasis (CERT.e-COMM.BUS)	113
Event Planning and Management (CERT.EVENT.PLAN.MGT)	114
Exercise Science (CERT.EXER.SCI)	115
Floral Design (CERT.FLORAL)	116
Grounds Management (CERT.GRND.MGT)	117
Hospitality Management (CERT.HOSP.MGT)	118
Labor Studies (CERT.LABOR)	119
Landscaping (CERT.LAND)	120
Legal Nurse Consultant (CERT.LGN.CONS)	121
Medical Office Administrative Assistant (CERT.MOAA)	122
Music Business (CERT.MUSC.BUS)	123
Music Technology (CERT.MUSC.TECH)	124
Musical Theater (CERT.MUSC.THR)	125
Office Technology (CERT.OFF.TECH)	126
Piano Instruction/Pedagogy (CERT.PIANO)	127
Radiation Therapy Technology (CERT.RAD.THERAPY)	128

TABLE OF CONTENTS

Small Business Management (CERT.SM.BUS.MGMT)	129
Surgical Technology (CERT.SURG)	130
CERTIFICATES OF ACHIEVEMENT	131
Accounting Assistant (COA.ACCT.ASST)	131
Baking (COA.BAKING)	131
Biotechnology (COA.CIO.TECH)	132
Business Paraprofessional Management (COA.BUS.PARA.MGMT)	132
Catering (COA.CATER)	133
Child Development (COA.CHILD) – Pending State Approval	133
CNC Programming (COA.CNC.PROG)	134
Finance (COA.FINANCE)	134
Fire Science (COA.FIRE.SCI)	134
Forensic Science (COA.FORENSIC)	134
Homeland Security (COA.HOME.SEC)	135
Hospitality Operations (COA.HOSP.OPR)	135
Labor Studies (COA.LABOR)	136
Machine Tooling (COA.MACH.TOOL)	136
Manufacturing Design using Pro/Engineer® (COA.MFG.PROENG)	136
Marketing Assistant (COA.MKTG.ASST)	136
Commercial Music Production (COA.MUSC.COMM.PROD)	137
Network Security (COA.NET.SECURITY)	137
Nonprofit Management (COA.NONPRF.MGT)	137
Private Security (COA.PRIV.SECURITY)	137
Professional Cooking (COA.PROF.COOK)	138
Real Estate (COA.REAL.EST)	138
Retailing (COA.RETAIL)	138
Sports Management (COA.SPORTS.MGMT)	138
Special Imaging for Radiologic Technologists (COA.IMAG.RAD)	139
Sports Merchandising (COA.SPORT.MERCH)	139
Welding Technology (COA.WELD)	139

Courses Approved For General Education

The following courses approved for the purposes of general education at Bergen Community College are regarded as general education courses at many, but not all, other colleges and universities in New Jersey and other states. To determine which of the following courses will meet general education requirements at New Jersey colleges or universities, see NJ Transfer (www.njtransfer.org). Students interested in transferring to out-of-state schools should consult the catalogs and websites of those institutions.

The development of critical thinking and writing skills is essential to a student's success in the Bergen Community College General Education Program. Therefore, the College's general education courses provide students with the opportunity to develop these skills through a variety of appropriate critical thinking and writing assignments.

Students are advised to review the specific general education requirements in their respective programs of study.

I COM	MUNICATION	LIT227	Intro to Poetry	IV TEC	HNOLOGICAL	PSYCHOLO	ngv
COM100	MUNICATION Speech Communication	LIT227	Women in Literature		HNOLOGICAL	PSY101	General Psychology
COM100 COM102	Public Speaking	LIT229	Myth and Literature	COI	MPETENCY	PSY106	Developmental Psych
WRT101	English Composition I		•	INF101	Intro to Information Tech	PSY201	Child Psychology
WRT201	English Composition II	PHILOSO	PHY AND RELIGION	\/ N/AT	LIEMATICS		
WRT202	Technical Writing	PHR100	Reasoning		HEMATICS	SOCIOLOG	
	(for AAS degree programs only)	PHR101	Introduction to Philosophy	MAT130 MAT150	Contemporary Mathematics Statistics I	SOC101	Sociology
	DUTED CCIENCE	PHR102	Contemporary Moral Issues Basic Logic	MAT155	Finite Mathematics	SOC103	Soc of the Family Social Problems
	PUTER SCIENCE	PHR103 PHR106	Eastern Philosophy	MAT180	Pre-calculus	SOC113 SOC120	Soc of Gender Roles
CIS158	Intro to Computer Science	PHR107	Intro to the Philosophy of Art	MAT223	Calculus for Managerial	SOC222	Ethnic and Minority
CIS165	Fundamentals of Programming	PHR110	Intro to Ethics		and Social Sciences	500222	Group Relations
	riogianining	PHR111	Social & Political Philosophy	MAT250	Statistics II		·
III. HUN	MANITIES	PHR120	Introduction to Religion	MAT280	Calculus I		VERSITY COURSES
ARTS AND	MEDIA	PHR121	Religions of the World	MAT281 MAT282	Calculus II Calculus III	ANTHROP	
ART101	Introduction to Art and	WORLD	ANGUACES AND	IVIAI 202	Calculus III	ANT100	Intro to Anthropology
	Visual Culture	CULTURE	ANGUAGES AND	VI. NAT	TURAL SCIENCES	ANT101	Cultural Anthropology
ART102	History of Art and Visual	LAN170	American Sign Lang I	BIOLOGY		ARTS and	MEDIA
ADT102	Culture to 1400	LAN270	American Sign Lang II	BIO101	General Biology I*	CIN160	Women in Cinema
ART103	History of Art and Visual Culture, 1400 to 1900	LAN271	Intermed Amer Sign Lang I	BIO103	The Human Body*		
ART104	Modern Art, 1890-1940	LAN272	Intermed Amer Sign Lang II	BIO104	Microbiology*	COMMUN	ICATION
ART107	History of Photography	LAN115	Arabic I	BIO107	Intro to Human Biology*	COM114	Intercultural Communication
ART110	Contemporary Art since 1940	LAN255	Arabic II	BIO108 BIO109	Intro to Environmental Bio* Anat & Physio I*†		
MUS101	Music Appreciation	LAN 256	Intermediate Arabic I	BIO209	Anat & Physio I*†	GEOGRAP	
MUS107	Music History I	LAN 257 LAN116	Intermediate Arabic II Chinese (Mandarin) I	BIO130	People-Plant Relations	GEO101 GEO102	World Geography Human Geography
MUS108	Music History II	LAN116 LAN276	Chinese (Mandarin) II	BIO131	General Botany*	GEO 102	numan deography
	109 History of Musical Theatre	LAN270 LAN277	Intermed Chinese (Mandarin) I	BIO203	General Biology II*	HISTORY	
MUS110 THR101	Music, Art, and Drama Introduction to Theatre	LAN278	Intermed Chinese (Mandarin) II			HIS105	Women in History
	40 Introduction to Cinema	LAN110	French I	CHEMIST		HIS116	Women in American
	.o ma ou de care mu	LAN200	French II	CHM100	Intro to Chemistry*		History
HISTORY		LAN201	Intermediate French I	CHM102	Chemistry in Context* College Chem*	HIS121	Modern Asian History
HIS101	History of Western Civ to the Reformation	LAN202	Intermediate French II	CHM112 CHM140	Gen Chem I*	HIS124	African American History
HIS102	History of Western Civ	LAN203 LAN111	French Conversation German I	CHM141	Gen Chem I-Lab*	HIS126 HIS130	Modern African History Latin American History
1113102	since the Reformation	LAN210	German II	CHM240	General Chem II*	1113130	to Independence
HIS105	Women in History	LAN211	Intermediate German I	CHM241	General Chem II-Lab*	HIS131	Latin American History
HIS106	History of Modern Europe	LAN212	Intermediate German II				since Independence
	to the French Revolution	LAN213	German Conversation		& PHYSICAL SCIENCES	HIS132	Spanish Speaking Caribbean
HIS107	History of Mod Europe since	LAN180	Hebrew I	PHY100	Energy and Society		and Central America since 1898
LUC111	the French Revolution	LAN280	Hebrew II	PHY111 PHY112	Astronomy* Climatology*		
HIS111 HIS112	US History to Reconstruction US History since Reconstruction	LAN144 LAN244	Irish I Irish II	PHY113	Geology*	LITERATUI LIT203	KE World Lit to 1650
HIS113	History of 20th Century	LAN244 LAN245	Intermediate Irish	PHY114	Meteorology	LIT203 LIT204	World Lit to 1650 World Lit, 1650-Present
	US to World War II	LAN112	Italian I	PHY185	Intro to Physics*	LIT215	Black Literary Voice in
HIS114	History of 20th Century	LAN220	Italian II	PHY186	General Physics I*		America
	US since World War II	LAN221	Intermediate Italian I	PHY280	Physics I*	LIT218	American Ethnic Lit
HIS116	Women in American	LAN222	Intermediate Italian II	PHY286	General Physics II*	LIT223	Contemporary Latin
1110101	History	LAN223	Italian Conversation	PHY290 PHY291	Physics II* Physics III*	LITODA	American Literature
HIS121 HIS124	Modern Asian History African American History	LAN120	Japanese I		•	LIT224 LIT228	Topics in Internatl Lit Women in Literature
HIS124	Modern African History	LAN260 LAN261	Japanese II Intermediate Japanese I	VII. SO	CIAL SCIENCES	LITZZO	Women in Literature
HIS130	Latin American History to	LAN262	Intermediate Japanese II	ANTHROI		PHILOSOP	PHY and RELIGION
	Independence	LAN165	Korean I	ANT100	Intro to Anthropology	PHR106	Eastern Philosophy
HIS131	Latin American History	LAN265	Korean II	ANT101	Cultural Anthropology	PHR121	Religions of the World
	since Independence	LAN266	Intermediate Korean I	=========	166	PHR122	Women and Religion
LITERATU	RE	LAN119	Latin I	ECONOM ECO101		PHR124	Christian Scriptures
LIT201	American Lit to 1880	LAN289	Latin II	ECO101	Macroeconomics Microeconomics	PHR125 PHR126	Hebrew Scriptures Islamic Scriptures
LIT202	American Lit, 1880-Pres	LAN114	Russian I	LCOZUI	Microeconomics	PHR126	Buddhist Scriptures
LIT203	World Lit to 1650	LAN240 LAN241	Russian II Intermediate Russian I	GEOGRAI	РНҮ	1111(12)	badamst Scriptures
LIT204	World Lit, 1650-Present	LAN242	Intermediate Russian II	GEO101	World Geography	PSYCHOLO	OGY
LIT205	English Lit to 1800	LAN113	Spanish I	GEO102	Human Geography	PSY110	Psychology of Sexuality
LIT206 LIT210	English Lit, 1800-Pres Intro to the Short Story	LAN230	Spanish II			PSY123	Cross-Cultural Psychology
LIT210 LIT215	Black Literary Voice in	LAN231	Intermediate Spanish I		L SCIENCE	PSY207	Psychology of Women
LIIZIJ	America	LAN232	Intermediate Spanish II	POL101	American Government	PSY210	Social Psychology
LIT216	European Lit to 1650	LAN233	Spanish Conversation	POL102 POL103	International Relations Mod Political Ideologies	SOCIOLOG	·v
LIT217	European Lit, 1650-Pres	LAN228	Elementary Spanish for Heritage Speakers	POL103	State and Local Govt.	SOC120	Soc of Gender Roles
LIT218	American Ethnic Lit	LAN229	Intermediate Spanish for	POL107	Introduction to Politics	SOC120	Changing Roles of Women
LIT221	Shakespeare	LI 11 1227	Heritage Speakers			SOC222	Ethnic and Minority
LIT226	Intro to the Novel						Group Relations

^{*} Lab Science Elective. To receive full gen ed credit for CHM140, a student must also take CHM141, and for CHM240, a student must also take CHM241.

[†] Some colleges may require both BIO109 and BIO209 before transfer credit is awarded.

AA Degree Program(s) in Liberal Arts

Curriculum Requirements

Program: Liberal Arts - General Curriculum

Degree: Associate in Arts Code: AA.LA.GEN

Total Credits

64-66

Area of Study Credits **Course Description** WRT101 English Composition I (3 cr.) Communication 9 WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.) History 6 Two general education courses (6 cr.) in History (HIS) Three general education courses (9 cr.) to be selected from the following fields, with no more than two courses (6 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) 9 Humanities Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN) Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Economics (ECO) 6 Geography (GEO) Social Sciences Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT) One 4-cr. general education course in Mathematics (MAT); or two 3-cr. general education courses in Mathematics (MAT); or one 3-cr. general education course in Mathematics (MAT) and one 3-cr. general Mathematics, Natural education course in either Computer Science (CIS) or Information Technology (INF) Sciences, and 12-14 Technology Two general education courses (8 cr.) to be selected from the following fields: Biology (BIO) Chemistry (CHM) Physics (PHY) In completing the BCC General Education Program, a student must take and pass one 3-credit course in gender studies, non-Western history or thought, and/or Diversity 3 Requirement* Choose from the list of Diversity Courses on the General Education course list see page 1, above. 45-47 Total GE Credits: Two or three courses (6-9 cr.) to be selected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) History (HIS) Literature (LIT) Philosophy and Religion (PHR) AA/LA Program and World Languages and Cultures (LAN) Program Support 15 Requirements Two or three courses (6-9 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT) Free Electives 2-6 Programs can make recommendations in footnotes

^{*}Selection of a Diversity Course in History will not reduce the 6-credit Foundation Requirement in History – in that event, the student will end up with a total of 9 Foundation credits in History; selection of a Diversity Course in Humanities will not reduce the 9-credit Foundation requirement in Humanities – in that event, the student will end up with a total of 12 Foundation credits in the Humanities; and selection of a Diversity course in the Social Sciences will not reduce the 6-credit Foundation Requirement in Social Sciences – in that event, the student will end up with a total of 9 Foundation credits in the Social Sciences. In any event, s/he must meet the total Foundation requirement of 45-47 credits.

Program: Liberal Arts - General Curriculum Degree: Associate in Arts Code: AA.LA.GEN **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication 9 **First Semester** History Elective* COM... COM100 Speech Communication or 3 HIS... COM102 Public Speaking **Humanities Elective**** 3 WRT101 English Composition I MAT... 3 Mathematics Elective*† 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **History Electives*** 6 WRT101 English Composition I 3 15-16 **Humanities Electives**** 9 Three general education courses selected from the following Second Semester fields, with no more than two courses in any one field: HIS History Elective* 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema **Humanities Elective**** 3 Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); MAT/CIS/ Mathematics or Computer Science or World Languages and Cultures (LAN). INF... Information Technology Elective*† 3-4 Social Science Electives* 6 Free Elective† WRT201 Two general education courses selected from the following **English Composition II** 3 fields, with no more than one course in any one field: Social Science Elective* 3 Economics (ECO); Geography (GEO); Political Science (POL); Diversity Elective* 3 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). 18-19 Mathematics, Natural Sciences, & Technology 12-14 Third Semester Mathematics* Humanities Elective** 3-4 3 Mathematics or Computer Science or Information Technology* **Humanities Elective** 0-3 3 Natural Science Electives* 8 Natural Science Elective* 4 Social Science Elective* 3 **Diversity Elective*** 3 Social Science Elective 3 16 PROGRAM REQUIREMENTS 15 Two or three courses (6-9 cr.) to be selected from **Fourth Semester** the following fields: Arts (Art [ART], Music [MUS], **Humanities Elective** 3 Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Natural Science Elective* 4 Literature (LIT); Philosophy and Religion (PHR); World Social Science Elective 3 Languages and Cultures (LAN). **Humanities or Social Science** 3 Elective Two or three courses (6-9 cr.) to be selected from Free Elective‡ 2-4 the following fields: Economics (ECO); Geography (GEO); 15-17 Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). **FREE ELECTIVES** 2-6 **TOTAL CREDITS** 64-66

Specific Program Notes

*General Education Elective(s) - see page 1.

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101.

15-16

ASSOCIATE IN ARTS (A.A.) DEGREE LIBERAL ARTS

Program: Liberal Arts - Cinema Studies Option Degree: Associate in Arts Code: AA.LA.CINST **GENERAL EDUCATION REQUIREMENTS** 45-47 Communication 9 **First Semester** COM... COM100 Speech Communication or 3 CIN140 COM102 Public Speaking HIS.. History Elective* WRT101 English Composition I 3 MAT... WRT201 English Composition II 3 COM... **History Electives*** 6 WRT101 English Composition I 9

Humanities Electives** CIN140 Introduction to Cinema 3 General Education Humanities course (but not in 3 History [HIS]).** General Education Humanities course (but not in 3 History [HIS] & not in the Arts [ART, MUS,THR, CIN)].*** Social Science Electives* 6

Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*	12-14 3-4 0-3 8
Diversity Elective*	3
PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema or CIN170 American Cinema	15 3 3 3
Social Science Electives	6

Two courses (6-9 cr.) to be selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

FREE ELECTIVES 2-6 **TOTAL CREDITS** 64-66

RECOMMENDED SEMESTER SEQUENCE

introduction to Cinema 3 Mathematics Elective*† 3-4 COM100 Speech Communication 3 or COM102 Public Speaking 3

Second Se	emester	
CIN150	Special Topics in Cinema I	3
	Humanities Elective**	3
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Social Science Elective*	3
	Diversity Elective*	3
		18-19

Third Semester

HIS	History Elective*	3
CIN	CIN160 Women in Cinema	3
	or CIN170 American Cinema	
	Natural Science Elective*	4
	Social Science Elective*	3
	Social Science Elective	3
		16

Fourth Semester

CIN150	Special Topics in Cinema II	3
	Natural Science Elective*	4
	Social Science Elective	3
	Humanities Elective***	3
	Free Elective‡	2-4
		15-17

Specific Program Notes

*General Education Elective(s) - see page 1.

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) - see page 1.

***General Education Electives in Literature (LIT), Philosophy & Religion (PHR), or World Languages & Cultures (LAN) – see page 1. †If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101.

Code: AA.LA.COMM **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication 9 **First Semester** COM... COM100 Speech Communication or History Elective* 3 HIS... COM102 Public Speaking Humanities Elective** 3 WRT101 English Composition I MAT... 3 Mathematics Elective*† 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **History Electives*** 6 WRT101 English Composition I 3 15-16 **Humanities Electives**** 9 Three general education courses selected from the following Second Semester fields, with no more than two courses in any one field: History Elective* 3 Humanities Elective** Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 3 Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); MAT/CIS/ Mathematics or Computer Science or World Languages and Cultures (LAN). INF... Information Technology Elective*† 3-4 or Social Science Electives* 6 Free Elective† 3 Two general education courses selected from the following WRT201 English Composition II 3 Social Science Elective* fields, with no more than one course in any one field: 3 Economics (ECO); Geography (GEO); Political Science (POL); COM114 Intercultural Communication 3 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). (General Education Diversity Course) 18-19 Mathematics, Natural Sciences, & Technology 12-14 Mathematics* 3-4 Third Semester Humanities Elective** Mathematics or Computer Science or Information Technology* 0-3 3 Natural Science Electives* Humanities Elective 3 8 Natural Science Elective* 4 **Diversity Course** 3 Social Science Elective* 3 COM COM114 Intercultural Communication Communication Elective*** 3 3 16 **PROGRAM REQUIREMENTS** 15 • Two Communication (COM) courses (6 cr.).*** **Fourth Semester** 6 • One or two courses (3-6 cr.) to be selected from Humanities Elective 3-6 3 the following fields: Arts (Art [ART], Music [MUS], Natural Science Elective* 4 Social Science Elective Theatre Arts [THR], Cinema Studies [CIN]); 3 History (HIS); Literature (LIT); Philosophy and COM. Communication Elective*** 3 Religion (PHR); Languages and Cultures (LAN). Free Elective‡ 2-4 • One or two courses (3-6 cr.) to be selected from 15-17 3-6 the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). **FREE ELECTIVES** 2-6

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1.

Program: Liberal Arts - Communication Option

Degree: Associate in Arts

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

64-66

***Take any of the following Communication courses: COM101; COM102; COM103; COM116; COM119; COM122; COM213. †If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or another Communication course.

Program: Liberal Arts – Economics Option Degree: Associate in Arts Code: AA.LA.ECON

GENERAL EDUCATION REQUIREMENTS 45-47 Communication 9 COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 **History Electives*** 6 **Humanities Electives**** 9 Three general education courses selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). **Social Sciences** 6 **ECO101 Macroeconomics ECO201 Microeconomics** Mathematics, Natural Sciences, & Technology 12-14 Mathematics* 3-4 Mathematics or Computer Science or Information Technology* 0-3 Natural Science Electives* 8 **Diversity Elective**‡ 3 **PROGRAM REQUIREMENTS** 15 Program Electives - three courses to be 9 selected from the following: ECO103; ECO105; ECO461-462; POL101; PSY101; SOC101. Humanities Electives - two courses to be 6 selected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies

RECOMMENDED SEMESTER SEQUENCE

First Semester

ECO101	Macroeconomics	3
	Humanities Elective**	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester

ECO201	Microeconomics	3
HIS	History Elective*	3
MAT/CIS/	Mathematics or Computer Science of	r
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Humanities Elective**	3
	Diversity Elective‡	3
		18-19

Third Semester

	Program Electives***	6
HIS	History Elective*	3
	Humanities Elective**	3
	Natural Science Elective*	4
		16

Fourth Semester

 Program Elective***	3
 Natural Science Elective*	4
 Humanities Electives****	6
 Free Electives‡‡	2-4
	15-17

Specific Program Notes

FREE ELECTIVES

TOTAL CREDITS

*General Education Elective(s) - see page 1.

[CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

2-6

64-66

***Choose from the following: ECO103; ECO105; ECO461-462; POL101; PSY101; SOC101.

****Electives in Arts (ART, MUS,THR, CIN); History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: GEO101; HIS121; SOC120; SOC121; SOC122. ‡‡Recommended: IST123 Success 101 or one of the following: another Economics course or BNF101, BNF201, or BNF207.

Program: Liberal Arts - Global Studies Option

Degree: Associate in Arts Code: AA.LA.GLOBAL.STUD

Students are strongly encouraged to participate in a study abroad program while earning credits toward their degree. It is recommended that students investigate this option early in their course selection.

GENERAL EDUCATION REQUIREMENTS 45-47 Communication 9 COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 History Electives** 6 9 **Humanities** LAN... Language Electives* 6 PHR... Philosophy/Religion Elective ## 3 **Social Science** 6 POL102 International Relations 3 POL103 Modern Political Ideologies 3 SOC101 Sociology Mathematics, Natural Sciences, & Technology 12-14 Mathematics** 3-4 Mathematics or Computer Science or Information Technology*** 0-3 Natural Science Electives*** 8 Diversity Course: ANT101 Cultural Anthropology 3 **PROGRAM REQUIREMENTS** 15 LAN... Language Electives* 6 LIT... Literature Elective‡ 3 GEO101 World Geography 3 SOC222 Ethnic & Minority Group Relations 3 **FREE ELECTIVES** 3-6 **TOTAL CREDITS** 65-66

RECOMMENDED SEMESTER SEQUENCE

First Semester

LAN	Language Elective*	3
HIS	History Elective**	3
MAT	Mathematics Elective**†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester

LAN	Language Elective*	3
HIS	History Elective**	3
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective***†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
SOC101	Sociology	3
ANT101	Cultural Anthropology	3
		18-19

Third Semester

LAN	Language Elective*	3
LIT	Literature Elective‡	3
PHR	Philosophy/Religion Elective‡‡	3
	Natural Science Elective***	4
POL102	International Relations	
	or	3
POL103	Modern Political Ideologies	
		16

Fourth Semester

LAN	Language Elective*	3
GEO101	World Geography	3
SOC222	Ethnic & Minority Group Relations	3
	Natural Science Elective***	4
	Free Elective‡‡‡	3
		16

Specific Program Notes

*World Language Electives: Any General Education LAN Level I or higher course. Students may take four semesters of the same language or two semesters each of two different languages – see Page 1.

**Choose from HIS101, HIS102, HIS106, HIS107, HIS121, HIS124, HIS126, HIS131, HIS135, or HIS145.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Choose from LIT203, LIT204, LIT223, or LIT224

‡‡Choose from PHR106, PPR121, PHR124, PHR125, or PHR126.

‡‡‡Recommended: IST123 Success 101 or another Language (LAN) course.

^{***}General Education Elective(s) – see page 1.

Degree: Associate in Arts Code: AA.LA.HIST **GENERAL EDUCATION REQUIREMENTS** 45-47 Communication 9 COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 **History Core Survey*** 6 One of the following 6-credit sequences is recommended: HIS101-HIS102 Western Civilization HIS111-HIS112 United States History However, one of the following 6-credit sequences is also acceptable: HIS106-HIS107 Modern Europe HIS113-HIS114 20th Century United States HIS130-HIS131 Latin American History **Humanities** 9 Philosophy or Religion (PHR) Elective 3 General Education Humanities course (but not in History [HIS])*** 3 General Education Humanities course (but not in History [HIS] 3 and not in Philosophy & Religion [PHR])**** Social Science Electives**‡ 6 Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) & Anthropology (ANT). Mathematics, Natural Sciences, & Technology 12-14 Mathematics** 3-4 Mathematics or Computer Science or Information Technology** 0-3 Natural Science Electives** 8 Diversity Course: GEO101 World Geography 3 **PROGRAM REQUIREMENTS** 15 Three electives in History (HIS) 9 Social Science Electives‡ 6 Two courses (6 cr.) to be selected from the following fields: Economics (ECO); Geography (GEO);

Program: Liberal Arts - History Option

RECOMMENDED SEMESTER SEQUENCE

First Semester

HIS,,,	History Core Survey*	3
MAT	Mathematics Elective**†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
GEO101	World Geography	3
		15-16

Second Semester

HIS,,,	History Core Survey*	3
HIS	History Elective	3
MAT/CIS/	Mathematics or Computer Science of	r
INF	Information Technology Elective**†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Humanities Elective	3
	(but not in History [HIS])***	
	Social Science Elective**‡	3
		18-19

Third Semester

HIS	History Elective	3
PHR	Philosophy or Religion Elective	3
	Humanities Elective (but not in	3
	History [HIS] & not in Philosophy	
	& Religion [PHR])****	
	Natural Science Elective**	4
	Social Science Elective**‡	3
		16

Fourth Semester		
HIS	History Elective	3
	Natural Science Elective**	4
	Social Science Electives‡	6
	Free Elective‡‡	2-4
		15-17

MAT/CIS/ Mathematics or Computer Science or INF... Information Technology Elective*† 3-4

Specific Program Notes

FREE ELECTIVES

TOTAL CREDITS

Political Science (POL); Psychology (PSY);

Sociology (SOC) & Anthropology (ANT).

*History concentrators must complete 15 credits in history. This includes a one-year, 6-credit core sequence in a single field of study. HIS101-102 or HIS111-112 is recommended, but any one of the following is also acceptable: HIS113-114, HIS120-121, or HIS130-131. Students are encouraged to take a broad range of history courses, both chronologically and geographically.

**General Education Elective(s) – see page 1.

2-6

64-66

***General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

*****General Education Electives in Arts (ART, MUS,THR, CIN), Literature (LIT), or World Languages & Cultures (LAN) – see page 1. †If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

 ${\ddagger} Recommended: courses in Anthropology (ANT), Sociology (SOC), and Economics (ECO).$

‡‡Recommended: IST123 Success 101 or another History course.

Program: Liberal Arts - Latin American Studies Option

Degree: Associate in Arts Code: AA.LA.LAS

Students are strongly encouraged to participate in a study abroad program while earning credits toward their degree. It is recommended that students investigate this option early in their course selection.

GENERAL EDUCATION REQUIREMENTS	45-47
Communication COM COM100 Speech Communication or COM102 Public Speaking	9 3
WRT101 English Composition I WRT201 English Composition II	3 3
History HIS102 History of Western Civ since the Reformation HIS111 US History to Reconstruction	6 3 3
Humanities LAN231 or LAN228 LAN232 or LAN229 PHR111 Social & Political Philosophy	9 3 3 3
Social Sciences GEO101 World Geography POL102 International Relations	6 3 3
Mathematics, Natural Sciences, & Technology Mathematics*	12-14 3-4
Mathematics or Computer Science or Information Technology* Natural Science Electives*	0-3 8
Natural Science Electives* Diversity Course: HIS131 Latin American History since Independence PROGRAM REQUIREMENTS ECO101 Macroeconomics	8 3 15 3
Natural Science Electives* Diversity Course: HIS131 Latin American History since Independence PROGRAM REQUIREMENTS ECO101 Macroeconomics HIS130 Latin American History to Independence or HIS132 The Spanish Speaking Caribbean and	8 3 15
Natural Science Electives* Diversity Course: HIS131 Latin American History since Independence PROGRAM REQUIREMENTS ECO101 Macroeconomics HIS130 Latin American History to Independence or HIS132 The Spanish Speaking Caribbean and Central America since 1898	8 3 15 3 3
Natural Science Electives* Diversity Course: HIS131 Latin American History since Independence PROGRAM REQUIREMENTS ECO101 Macroeconomics HIS130 Latin American History to Independence or HIS132 The Spanish Speaking Caribbean and Central America since 1898 LAN233 Spanish Conversation LIT223 Contemporary Latin American Literature	8 3 15 3
Natural Science Electives* Diversity Course: HIS131 Latin American History since Independence PROGRAM REQUIREMENTS ECO101 Macroeconomics HIS130 Latin American History to Independence or HIS132 The Spanish Speaking Caribbean and Central America since 1898 LAN233 Spanish Conversation	8 3 15 3 3
Natural Science Electives* Diversity Course: HIS131 Latin American History since Independence PROGRAM REQUIREMENTS ECO101 Macroeconomics HIS130 Latin American History to Independence or HIS132 The Spanish Speaking Caribbean and Central America since 1898 LAN233 Spanish Conversation LIT223 Contemporary Latin American Literature or LAN236 Survey of Spanish-American Literature	8 3 15 3 3 3

Specific Program Notes

*General Education Elective(s) – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective). This can also be LAN 113 or LAN 230, depending on language proficiency. ‡Recommended: IST123 Success 101.

Students may take the CLEP exam to earn LAN credits.

RECOMMENDED SEMESTER SEQUENCE

First Semester

HIS102	History of Western Civilization	3
	since the Reformation	
PHR111	Social & Political Philosophy	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester

Second Se	illestei	
HIS111	US History to Reconstruction	3
POL102	International Relations	3
MAT/CIS/	Mathematics or Computer Science o	r
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
GEO101	World Geography	3
HIS130	Latin American History to	
	Independence	
	or	3
HIS132	The Spanish Speaking Caribbean	
	and Central America since 1898	
		18-19

Third Semester

HIS131	Latin American History since	3
	Independence	
LAN231	Intermediate Spanish I	
	or	3
LAN228	Elem Span for Heritage Speakers	
	Natural Science Elective*	4
ECO101	Macroeconomics	3
	LIT223 Contemporary Latin	
	American Literature	
	or	3
	LAN236 Survey of Spanish-	
	American Literature	
		16

Fourth Semester

SOC222	Ethnic & Minority Group Relations	3
	Natural Science Elective*	4
LAN	LAN232 Intermediate Spanish II	
	or	3
	LAN229 Intermediate Spanish	
	for Heritage Speakers	
LAN233	Spanish Conversation	3
	Free Elective‡	2-4
		15-17

Program: Liberal Arts – Literature Degree: Associate in Arts Code: AA.LA.LIT

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities*	9
LIT Literature Sequence Part I**	3
LIT Literature Sequence Part II**	3
Humanities Elective (not in Literature & not in History)	3
Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).	6
Mathematics, Natural Sciences, & Technology Mathematics*	12-14 3-4
Mathematics or Computer Science or Information Technology* Natural Science Electives*	0-3 8
Diversity Elective*	3
PROGRAM REQUIREMENTS LIT221 Shakespeare LIT Genre Course LIT Literature Elective Two Social Science courses (6 cr.) to be selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT)	15 3 3 3 6
FREE ELECTIVES	2-6

RECOMMENDED SEMESTER SEQUENCE

First Semester

	Humanities Elective* (not in	3
	Literature and not in History)	
HIS	History Elective*	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester

LIT	Literature Sequence Part I**	3
HIS	History Elective*	3
MAT/CIS/	Mathematics or Computer Science or	•
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Social Science Elective*	3
	Diversity Elective*‡	3
		18-19

Third Semester

LIT	Literature Sequence Part II**	3
LIT	Genre Course***	3
LIT	Literature Elective	3
	Natural Science Elective*	4
	Social Science Elective*	3
		16

Fourth Semester

LIT221	Shakespeare	3
	Natural Science Elective*	4
	Social Science Electives	6
	Free Elective‡‡	2-4
		15-17

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1.

**LIT201 & LIT202, LIT203 & LIT204, and LIT205 & LIT206 are sequential courses; students must take two of these courses in sequential order.

****Genre courses include LIT226 Introduction to the Novel and LITXXX Introduction to Poetry (forthcoming).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

64-66

‡General Education Diversity Course Elective – see page 1. Recommended: LIT215, LIT218, LIT223, or LIT228. ‡‡Recommended: IST123 Success 101 or another Literature course.

Program: Liberal Arts - Philosophy Option

Degree: Associate in Arts Code: AA.LA.PHIL

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities	9
PHR101 Introduction to Philosophy	3
Philosophy Elective**	3
Humanities Elective (not in Philosophy or Religion and not in History)*	3
Social Science Electives*	6
Mathematics, Natural Sciences, & Technology	12-14
Mathematics*	3-4
Mathematics or Computer Science or Information Technology*	0-3
Natural Science Electives*	8
Diversity Elective‡	3
PROGRAM REQUIREMENTS	15
Philosophy Electives***	9
Social Science Electives***	6
FREE ELECTIVES	2-6
TOTAL CREDITS	64-66

RECOMMENDED SEMESTER SEQUENCE

First Semester

PHR101	Introduction to Philosophy	3
HIS	History Elective*	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester

PHR	Philosophy Elective**	3
HIS	History Elective*	3
MAT/CIS/	Mathematics or Computer Science o	r
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Social Science Elective*	3
	Diversity Elective‡	3
		18-19

Third Semester

PHR	Philosophy Electives***	6
	Humanities Elective (not in	3
	Philosophy or Religion and not	
	In History)*	
	Natural Science Elective*	4
	Social Science Elective*	3
		16

Fourth Semester

PHR	Philosophy Elective***	3
	Natural Science Elective*	4
	Social Science Electives***	6
	Free Elective‡‡	2-4
	_	15-17

Specific Program Notes

*General Education Elective(s) – see page 1.

**General Education Elective(s) in Philosophy – see page 1. PHR103 Basic Logic recommended.

***Need not be General Education courses.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective - see page 1. Recommended: PHR106; PHR121; PHR122; PHR124; PHR125; or

‡‡Recommended: IST123 Success 101 or another Philosophy course.

Code: AA.LA.POLISCI **GENERAL EDUCATION REQUIREMENTS** 45-47 Communication 9 **First Semester** COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 **History Electives*** 6 **Humanities Electives**** 9 Three general education courses selected from the following **Second Semester** fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). **Social Sciences** 6 POL101 American Government POL107 Introduction to Politics Mathematics, Natural Sciences, & Technology 12-14 Mathematics* 3-4 Mathematics or Computer Science or Information Technology* 0-3 **Third Semester** Natural Science Electives* 8 **Diversity Elective**‡ 3 **PROGRAM REQUIREMENTS** 15 Political Science Electives*** 9 **Fourth Semester**

RECOMMENDED SEMESTER SEQUENCE

POL107	Introduction to Politics	3
	Humanities Elective**	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

POL101	American Government	3
HIS	History Elective*	3
MAT/CIS/	Mathematics or Computer Science of	r
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Humanities Elective**	3
	Diversity Elective‡	3
		18-19

POL	Political Science Electives***	6
HIS	History Elective*	3
	Humanities Elective**	3
	Natural Science Elective*	4
		16

POL	Political Science Elective***	3
	Natural Science Elective*	4
	Humanities Electives****	6
	Free Electives‡‡	2-4
		15-17

Specific Program Notes

FREE ELECTIVES

TOTAL CREDITS

*General Education Elective(s) - see page 1.

Humanities Electives - two courses to be

selected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).

Program: Liberal Arts - Political Science Option

Degree: Associate in Arts

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

6

2-6

64-66

***Three courses to be selected from the following: POL102 International Relations; POL103 Modern Political Ideologies; POL104 State and Local Government; POL106 Themes in US History 9Modern American Presid3ency); POL116 Labor Law; POL122 Collective Bargaining; POL461-463 Co-op Work Experience (Political Science).

****Electives in Arts (ART, MUS,THR, CIN); History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1.

‡‡Recommended: IST123 Success 101 or another Political Science course.

Code: AA.LA.PSY **GENERAL EDUCATION REQUIREMENTS** 45-47 Communication 9 COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 **History Electives*** 6 **Humanities Electives**** 9 Three general education courses selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). **Social Sciences** 6 PSY101 General Psychology SOC101 Sociology Mathematics, Natural Sciences, & Technology 12-14 Mathematics* 3-4 Mathematics or Computer Science or Information Technology* 0-3 Natural Science Electives* 8 **Diversity Elective**‡ 3 PROGRAM REQUIREMENTS 15 PSY102 Introduction to Abnormal Psychology 3 Either PSY106 Developmental Psychology or 3 PSY201 Child Psychology Psychology Elective 3 Humanities Electives - two courses to be 6 selected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and

Program: Liberal Arts - Psychology Option

Degree: Associate in Arts

RECOMMENDED SEMESTER SEQUENCE

First Semester

PSY101	General Psychology	3
	Humanities Elective**	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester

SOC101	Sociology	3
HIS	History Elective*	3
MAT/CIS/	Mathematics or Computer Science o	r
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Humanities Elective**	3
	Diversity Elective‡	3
		18-19

Third Semester

PSY102	Intro to Abnormal Psychology	3
PSY	PSY106 Developmental Psych or	3
	PSY201 Child Psychology	
HIS	History Elective*	3
	Humanities Elective**	3
	Natural Science Elective*	4
		16

Fourth Semester

PSY	Psychology Elective	3
	Natural Science Elective*	4
	Humanities Electives***	6
	Free Electives‡‡	2-4
		15-17

Specific Program Notes

FREE ELECTIVES

TOTAL CREDITS

*General Education Elective(s) – see page 1.

Religion (PHR); World Languages and Cultures (LAN).

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

2-6

64-66

***Electives in Arts (ART, MUS,THR, CIN); History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: PSY110; PSY207; SOC120; SOC121; SOC122. ‡‡Recommended: IST123 Success 101 or another Psychology course.

Program: Liberal Arts – Religion Option

Degree: Associate in Arts

Code: AA.LA.REL

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities	9
PHR120 Introduction to Religion	3
PHR121 Religions of the World	3
Humanities Elective (not in Philosophy or Religion and not in History)*	3
Social Science Electives*	6
Mathematics, Natural Sciences, & Technology	12-14
Mathematics*	3-4
Mathematics or Computer Science or Information Technology*	0-3
Natural Science Electives*	8
Diversity Elective*	3
PROGRAM REQUIREMENTS	15
Religion Electives	9
Social Science Electives	6
FREE ELECTIVES	2-6
TOTAL CREDITS	64-66

RECOMMENDED SEMESTER SEQUENCE

First Semester

PHR120	Introduction to Religion	3
HIS	History Elective*	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester

PHR121	Religions of the World	3
HIS	History Elective*	3
MAT/CIS/	Mathematics or Computer Science o	r
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Social Science Elective*	3
	Diversity Elective‡	3
		18-19

Third Semester

PHR	Religion Electives	6
	Humanities Elective (not in	3
	Philosophy or Religion and not	
	In History)*	
	Natural Science Elective*	4
	Social Science Elective*	3
		16

Fourth Semester

PHR	Religion Elective	3
	Natural Science Elective*	4
	Social Science Electives	6
	Free Elective‡‡	2-4
	_	15-17

Specific Program Notes

*General Education Elective(s) – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: PHR106; PHR122; PHR124; PHR125; or PHR126. ‡‡Recommended: Recommended: IST123 Success 101 or another Philosophy course.

Code: AA.LA.SOC.SCI **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication 9 **First Semester** COM... COM100 Speech Communication or Social Science Elective* 3 COM102 Public Speaking **Humanities Elective**** 3 WRT101 English Composition I MAT... 3 Mathematics Elective*† 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **History Electives*** 6 WRT101 English Composition I 3 15-16 **Humanities Electives**** 9 Three general education courses selected from the following **Second Semester** fields, with no more than two courses in any one field: Social Science Elective* 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema HIS. History Elective* 3 Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); MAT/CIS/ Mathematics or Computer Science or World Languages and Cultures (LAN). INF... Information Technology Elective*† 3-4 or Social Science Electives* 6 Free Elective† 3 Two general education courses selected from the following WRT201 English Composition II 3 fields, with no more than one course in any one field: Humanities Elective** 3 Anthropology (ANT); Economics (ECO); Geography (GEO); Diversity Elective‡ 3 Political Science (POL); Psychology (PSY); Sociology (SOC). 18-19 Mathematics, Natural Sciences, & Technology 12-14 Third Semester Mathematics* Social Science Electives* 6 3-4 Mathematics or Computer Science or Information Technology* HIS History Elective* 0-3 3 Natural Science Electives* Humanities Elective* 8 3 Natural Science Elective' 4 **Diversity Elective**‡ 3 16 **PROGRAM REQUIREMENTS** 15 **Fourth Semester** Social Science Elective* 3 Natural Science Elective' 4 Social Science Electives - three courses, with no 9 More than one course in any one field: Anthropology Humanities Electives*** 6 (ANT); Economics (ECO); Geography (GEO); Political Free Electives‡‡ 2-4 Science (POL); Psychology (PSY); Sociology (SOC). 15-17 Humanities Electives - two courses to be 6 selected from the following fields: Arts (Art [ART]. Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). **FREE ELECTIVES** 2-6

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) - see page 1.

Program: Liberal Arts - Social Sciences Option

Degree: Associate in Arts

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

64-66

***Electives in Arts (ART, MUS,THR, CIN); History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: Select a 3-credit course from ANT, ECO, POL, PSY, or SOC.

‡‡Recommended: IST123 Success 101 or another Social Science course.

Code: AA.LA.SOC **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication 9 **First Semester** COM... COM100 Speech Communication or 3 SOC101 Sociology COM102 Public Speaking Humanities Elective** 3 WRT101 English Composition I 3 MAT... Mathematics Elective*† 3-4 WRT201 English Composition II COM... COM100 Speech Communication 3 3 or COM102 Public Speaking **History Electives*** 6 WRT101 English Composition I 3 15-16 **Humanities Electives**** 9 Three general education courses selected from the following **Second Semester** fields, with no more than two courses in any one field: PSY101 General Psychology 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema HIS. History Elective* 3 Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); MAT/CIS/ Mathematics or Computer Science or World Languages and Cultures (LAN). INF... Information Technology Elective*† 3-4 Or **Social Sciences** 6 Free Elective† 3 SOC101 Sociology WRT201 English Composition II 3 PSY101 General Psychology Humanities Elective** 3 Diversity Elective‡ 3 18-19 Mathematics, Natural Sciences, & Technology 12-14 Mathematics* 3-4 Mathematics or Computer Science or Information Technology* 0-3 **Third Semester** Sociology Electives Natural Science Electives* SOC. 6 8 HIS. History Elective* 3 **Diversity Elective**‡ Humanities Elective* 3 3 Natural Science Elective' 4 **PROGRAM REQUIREMENTS** 15 16 Sociology Electives 9 **Fourth Semester** SOC. Sociology Elective 3 Humanities Electives - two courses to be 6 Natural Science Elective' 4 selected from the following fields: Arts (Art [ART], Humanities Electives*** 6 Music [MUS], Theatre Arts [THR], Cinema Studies Free Electives‡‡ 2-4 [CIN]); History (HIS); Literature (LIT); Philosophy and 15-17 Religion (PHR); World Languages and Cultures (LAN). **FREE ELECTIVES** 2-6

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1.

Program: Liberal Arts - Sociology Option

Degree: Associate in Arts

64-66

***Electives in Arts (ART, MUS,THR, CIN); History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: SOC120; SOC121; SOC122; ANT100; ANT101; PSY110: PSY207.

‡‡Recommended: IST123 Success 101 or another Sociology course.

^{**}General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

Program: Liberal Arts – Women's Studies Option

Degree: Associate in Arts Code: AA.LA.WMST

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I WRT201 English Composition II	3 3
History HIS105 Women in History HIS116 Women in American History	6 3 3
Humanities Electives** Three general education courses selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	9
Social Sciences PSY101 General Psychology ANT101 Anthropology or SOC101 Sociology	6 3 3
Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*	12-14 3-4 0-3 8
Diversity Course: CIN160 Women in Cinema	3
PROGRAM REQUIREMENTS LIT28 Women in Literature PHR122 Women in Religion PSY207 Psychology of Women SOC121 Changing Roles of Women SOC120 Sociology of Gender Roles	15 3 3 3 3 3
FREE ELECTIVES	2-6
TOTAL CREDITS	64-66

RECOMMENDED SEMESTER SEQUENCE

First Semester

HIS105	Women in History	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
	ANT101 Anthropology or	3
	SOC101 Sociology	
		15-16

Second Semester

HIS116	Women in American History	3
PSY101	General Psychology	3
SOC120	Sociology of Gender Roles	3
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Humanities Elective**	3
	·	18-19

Third Semester

LIT228	Women in Literature	3
PSY207	Psychology of Women	3
	Humanities Electives**	6
	Natural Science Elective*	4
		16

Fourth Semester

CIN160	Women in Cinema	3
	(Spring offering only)	
PHR122	Women in Religion	3
SOC121	Changing Roles of Women	3
	Natural Science Elective*	4
	Free Elective‡	2-4
		15-17

Specific Program Notes

*General Education Elective(s) – see page 1.

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101.

Program: Liberal Arts - World Languages and Cultures Option

Degree: Associate in Arts Code: AA.LA.WLAN

Students are strongly encouraged to participate in a study abroad program while earning credits toward their degree. It is recommended that students investigate this option early in their course selection.

GENERAL EDUCATION REQUIREMENTS

45-47 RECOMMENDED SEMESTER SEQUENCE

Communication 9 COM... COM100 Speech Communication or COM102 Public Speaking 3 WRT101 English Composition I 3 WRT201 English Composition II 3 History Electives** 6 Choose from HIS101, HIS102, HIS106, HIS107, HIS121, HIS 130; HIS131, HIS124, HIS126, HIS135, or HIS145. 6

Humanities	9
LAN Electives*	6
General Education Humanities course (but not in	3
History [HIS] & not in World Languages and Cultures [LAN]).****	

Social Sciences
SOC101 Sociology
One general education course selected from the
following fields (but not in Sociology): Economics
(ECO); Geography (GEO); Political Science (POL);
Psychology (PSY); Anthropology (ANT).****

Mathematics, Natural Science, & Technology*** Mathematics	12-14 3-4
Mathematics or Computer Science or Information Technology Natural Science Electives*	0-3 8
Diversity Course: ANT101 Introduction to Anthropology	3

PROGRAM REQUIREMENTS	15
LAN Electives*	6
Literature Elective (choose from	3
LIT203, LIT204, LIT223, or LIT224)	
GEO101 World Geography	3
SOC222 Ethnic & Minority Group Relations	3

TOTAL CREDITS	64-66

First Semester

LAN	Language Elective*	3
HIS	History Elective**	3
MAT	Mathematics Elective***†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester

LAN	Language Elective*	3
HIS	History Elective**	3
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective***†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
SOC101	Sociology	3
ANT101	Introduction to Anthropology	3
		18-19

Third Semester

6 3 3

LAN	Language Elective*	3
LIT	Literature Elective (choose from	3
	LIT203, LIT204, LIT223, LIT224)	
	Humanities Elective****	3
	Social Science Elective****	3
	Natural Science Elective***	4
		16

Fourth Semester

LAN	Language Elective*	3
GEO101	World Geography	3
SOC222	Ethnic & Minority Group Relations	3
	Natural Science Elective***	4
	Free Elective‡	2-4
		15-17

Specific Program Notes

FREE ELECTIVES

*World Language Electives: Students must complete either four semesters of the same World Language or two semesters each of two different World Languages.

2-6

**History Electives: Choose from HIS101, HIS102, HIS106, HIS107, HIS121, HIS 130; HIS131, HIS124, HIS126, HIS135, or HIS145.

***General Education Electives – see page 1

****General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); or Philosophy & Religion (PHR) – see page 1.

*****General Education Electives in Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Anthropology (ANT) – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101

Curriculum Requirements

Program: Fine and Performing Arts - General Curriculum

Degree: Associate in Arts Code: AA.FPA.GEN

Area of Study	Credits	Course Description	
Communication	9	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.)	
History	6	Two general education courses (6 cr.) in History (HIS)	
Humanities	9	Three general education courses (9 cr.) to be selected from the following fields, with no more than two courses (6 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)	
Social Sciences	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)	
Mathematics, Natural Sciences, and Technology	12-14	One 4-cr. general education course in Mathematics (MAT); or two 3-cr. general education courses in Mathematics (MAT); or one 3-cr. general education course in Mathematics (MAT) and one 3-cr. general education course in either Computer Science (CIS) or Information Technology (INF) Two general education courses (8 cr.) to be selected from the following fields: Biology (BIO) Chemistry (CHM) Physics (PHY)	
Diversity Requirement*	3	In completing the BCC General Education Program, a student must take and pass one 3-credit course in gender studies, non-Western history or thought, and/or cultural diversity. Choose from the list of Diversity Courses on the General Education course list – see page 1, above.	
Total GE Credits:	45-47	• •	
AA/FPA Program and Program Support Requirements	14-16	Courses in the Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]). To be assigned in accordance with the needs of the program.	
Free Electives	2-6	Programs can make recommendations in footnotes.	
Total Credits	64-66		

^{*}Selection of a Diversity Course in History will not reduce the 6-credit Foundation Requirement in History – in that event, the student will end up with a total of 9 Foundation credits in History; selection of a Diversity Course in Humanities will not reduce the 9-credit Foundation requirement in Humanities – in that event, the student will end up with a total of 12 Foundation credits in the Humanities; and selection of a Diversity course in the Social Sciences will not reduce the 6-credit Foundation Requirement in Social Sciences – in that event, the student will end up with a total of 9 Foundation credits in the Social Sciences. In any event, s/he must meet the total Foundation requirement of 45-47 credits.

Free Elective‡

2-4

15-17

Program: Fine and Performing Arts - General Curriculum Degree: Associate in Arts Code: AA.FPA.GEN **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 History Elective* 3 HIS.. Humanities Elective** COM102 Public Speaking 3 MAT... Mathematics Elective*† WRT101 English Composition I 3 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **History Electives*** 6 WRT101 English Composition I 3 15-16 9 **Humanities Electives**** Three general education courses selected from the following **Second Semester** History Elective* fields, with no more than two courses in any one field: HIS... 3 Humanities Elective** 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); MAT/CIS/ Mathematics or Computer Science or World Languages and Cultures (LAN). Information Technology Elective*† INF... 3-4 or Free Elective† Social Science Electives* 6 3 Two general education courses selected from the following WRT201 **English Composition II** 3 fields, with no more than one course in any one field: Social Science Elective* 3 Economics (ECO); Geography (GEO); Political Science (POL); Diversity Elective* 3 18-19 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Mathematics, Natural Sciences, & Technology 12-14 **Third Semester** Mathematics* 3-4 Humanities Elective** 3 Mathematics or Computer Science or Information Technology* 0-3 Natural Science Elective* 4 Natural Science Electives* Social Science Elective* 3 8 Program Requirement** 3 Program Requirement** **Diversity Elective*** 3 3 16 PROGRAM REQUIREMENTS 14-16 Courses in the Arts (Art [ART], Music [MUS], **Fourth Semester** Natural Science Elective* Theatre Arts [THR], Cinema Studies [CIN]). To be 4 assigned in accordance with the needs of the program. Program Requirement*** 3 Program Requirement*** 3 Program Requirement*** **FREE ELECTIVES** 3 2-6

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) - see page 1.

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

64-66

***Courses in the Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101.

Program: Fine and Performing Arts – Art Option
Degree: Associate in Arts
Code: AA.FPA.ART

GENERAL EDUCATION REQUIREMENTS 45-47 Communication COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 **History Electives*** 6 **Humanities Electives**** 9 ART... General Education Art History Electives‡ 6 One course selected from the following fields: Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). 3 Social Science Electives* 6 Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Mathematics, Natural Sciences, & Technology 12-14 Mathematics* 3-4 Mathematics or Computer Science or Information Technology* 0-3 Natural Science Electives* 8 **Diversity Elective*** 3 PROGRAM REQUIREMENTS 14-16 ART122 2Dimensional Design 3 ART123 Life Drawing I or ART124 Drawing Fundamentals 3 **ART124 Drawing Fundamentals FREE ELECTIVES** 2-6 **TOTAL CREDITS** 64-66

RECOMMENDED SEMESTER SEQUENCE

First Semester

ART122	2 Dimensional Design	3
ART123	Life Drawing	
	or	3
ART124	Drawing Fundamentals	
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester

HIS	History Elective*	3
ART	Art History Elective‡	3
MAT/CIS/ INF	Mathematics or Computer Science o Information Technology Elective*† or	r 3-4
	Free Elective†	3
WRT201	English Composition II	3
ART	Studio Art Elective‡‡	3
	Diversity Elective*	3
		18-19

Third Semester

ART	Art History Elective‡	3
	Natural Science Elective*	4
	Social Science Elective*	3
	Studio Art Electives‡‡	6
		16

Fourth Semester

	Natural Science Elective*	4
ART	Studio Art Elective‡‡	3
	Humanities Elective**	3
HIS	History Elective*	3
	Free Elective‡‡‡	2-4
		15-17

Specific Program Notes

*General Education Elective(s) - see page 1.

**General Education Electives in Arts, Literature, Philosophy & Religion, or World Languages – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Humanities General Education Electives in Art History include: Art102 History of Art and Visual Culture to 1400, Art103 History of Art and Visual Culture from 14001900, Art104 Modern Art, Art107 History of Photography, or Art110 Contemporary Art. ‡‡Studio Art Electives include: Art123 Life Drawing I, Art124 Drawing Fundamentals, Art127 Painting 1, Art181 Photography 1, Art184 Digital Photography, Art192 Computer 3D Animation I, Art189 Computer 2D Illustration, Art197 Computer Imaging, Art223 Life Drawing II, Art226 Letterform and Type, Art228 Painting II, Art229 Painting III, Art259 Computer Graphics for the Web Developer, Art260 Graphic Design I, Art281 Photography 2, Art287 Computer Layout I, Art288 Computer Layout II, Art290 Computer 2D Animation I, Art291 Computer 2D Animation II, Art292 Computer 3D Animation II, Art298 Interactive Multimedia. ‡‡‡Recommended: IST123 Success 101.

Program: Fine and Performing Arts – Cinema Studies Option
Degree: Associate in Arts
Code: AA.FPA.CINST

Communication 9 COM... COM100 Speech Communication or COM102 Public Speaking 3 WRT101 English Composition I WRT201 English Composition II 3

History Electives* Humanities Electives** CIN140 Introduction to Cinema 3 General Education Humanities course (but not in History [HIS]).** General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***

Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*	12-14 3-4 0-3 8
Diversity Elective*	3
PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN Cinema Studies Elective‡	15 3 3 3 3 3
FREE ELECTIVES	2-6

RECOMMENDED SEMESTER SEQUENCE

First Semester

CIN140	introduction to Cinema	3
HIS	History Elective*	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Se	emester	
CIN150	Special Topics in Cinema I	3
	Humanities Elective**	3
MAT/CIS/ INF	Mathematics or Computer Science of Information Technology Elective*†	or 3-4
	Free Elective†	3
WRT201	English Composition II	3
	Social Science Elective*	3
	Diversity Elective*	3
		18-19

Third Semester

C160	Women in Cinema	3
CIN170	American Cinema	3
	Natural Science Elective*	4
	Social Science Elective*	3
HIS	History Elective*	3
		16

Fourth Semester

CIN150	Special Topics in Cinema II	3
CIN	Cinema Studies Elective‡	3
	Natural Science Elective*	4
	Humanities Elective**	3
	Free Elective‡‡	2-4
		15-17

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) - see page 1.

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

64-66

6

***General Education Electives in Literature (LIT), Philosophy & Religion (PHR), or World Languages & Cultures (LAN) – see page 1. †If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡CIN150 Special Topics in Cinema I or CIN250 Special Topics in Cinema II can be taken twice for separate credit as long as the topic is different from a previously taken course.

###Recommended: IST123 Success 101.

Program: Fine and Performing Arts – Music Option

GENERAL EDUCATION REQUIREMENTS

Degree: Associate in Arts Code: AA.FPA.MUSC

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or	3
COM102 Public Speaking	
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities Electives** Three general education courses selected from the following fields, with no more than two courses in any one field:	9

I hree general education courses selected from the following fields, with no more than two courses in any one field:

Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).

Social Science Electives*

Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*	12-14 3-4 0-3 8
Diversity Elective*	3
PROGRAM REQUIREMENTS	16
MUS131 Class Piano I	2
MUS132 Music Theory I	2
MUS133 Ear Training and Musicianship I	2
MUS231 Class Piano II	2
MUS232 Music Theory II	2
MUS234 Ear Training and Musicianship II	2
MUA Applied Music	2
MUS Performance Ensembles	2
FREE ELECTIVES	2-6

RECOMMENDED SEMESTER SEQUENCE

First Semester

15 17

6

MUS131	Class Piano I	2
MUA1	Applied Music I	1
MUS1	Performance Ensembles I	1
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
	Humanities Elective**	3
		16-17

Second Semester

Occorra Oc	Silicotoi	
MUS231	Class Piano II	2
MUA2	Applied Music II	1
MUS2	Performance Ensembles II	1
	Humanities Elective**	3
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Diversity Elective*	3
		16-17

Third Semester

MUS132	Music Theory I	2
MUS134	Ear Training & Musicianship I	2
HIS	History Elective*	3
	Humanities Elective**	3
	Natural Science Elective*	4
	Social Science Elective*	3
		17

Fourth Semester

MUS232	Music Theory II	2
MUS234	Ear Training & Musicianship II	2
HIS	History Elective*	3
	Natural Science Elective*	4
	Social Science Elective*	3
	Free Elective‡	2-3
	_	16-17

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1.

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

64-66

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or another Music (MUS or MUAO course.

Code: AA.FPA.THTR **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 THR110 Basic Acting Techniques 3 Intro to Stagecraft & Lighting COM102 Public Speaking THR131 3 MAT... Mathematics Elective*† WRT101 English Composition I 3 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **History Electives*** 6 WRT101 English Composition I 3 15-16 **Humanities Electives**** 9 Three general education courses selected from the following Second Semester Stage Makeup 1 fields, with no more than two courses in any one field: THR120 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema THR113 Movement for the Performing Artist 2 Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). THR220 Scene Study 3 or Social Science Electives* 6 DAN/THR124 Dance Appreciation 3 Two general education courses selected from the following or fields, with no more than one course in any one field: **THR231** Stage Electrics 3 Economics (ECO); Geography (GEO); Political Science (POL); MAT/CIS/ Mathematics or Computer Science or Information Technology Elective*† Psychology (PSY); Sociology (SOC) and Anthropology (ANT). INF... 3-4 Mathematics, Natural Sciences, & Technology 12-14 Free Elective† 3 WRT201 **English Composition II** Mathematics 3-4 3 Mathematics or Computer Science or Information Technology* 0-3 Humanities Elective** 3 Social Science Elective* Natural Science Electives* 3 8 15-17 **Diversity Elective*** 3 Third Semester **PROGRAM REQUIREMENTS** 14-16 THR214 **Audition Techniques** 2 THR110 Basic Acting Techniques 3 THR120 Stage Makeup 1 **THR217** Theatre Performance & Production 2 THR131Intro. to Stagecraft & Lighting 3 or THR113 Movement for the Performing Artist 2 **THR232** Stage Management 1 THR220 Scene Study 3 DAN. Dance Technique Class*** 1-2 HIS.. History Elective* 3 Humanities Electives** DAN124/THR124 Dance Appreciation 3 6 Natural Science Elective' 4 or THR231 Stage Electrics 3 Social Science Elective* 3 THR214 2 18 **Audition Techniques** THR217 Theatre Performance & Production **Fourth Semester** 2 THR215 Directing for the Stage 3 or THR232 Stage Management 1 **THR216** Theatre Production Workshop 4 or DAN... Dance Technique Class*** HIS. History Elective* 3 THR215 Directing for the Stage Natural Science Elective' 4 4 Diversity Elective* 3 THR216 Theatre Production Workshop 3 Free Elective # 2-4 15-18 **FREE ELECTIVES** 2-6 Specific Program Notes

Program: Fine and Performing Arts – General Theatre Arts Option

Degree: Associate in Arts

Specific Program Notes, continued

TOTAL CREDITS

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1. Recommended: THR101 Introduction to the Theatre; MUS110 Music, Art, & Drama; THR109 History of the Musical Theatre; THR140 Introduction to the Cinema.

***Dance Technique Classes – DAN102 Ballet; DAN103 Modern; DAN104 Tap; DAN105 Jazz; DAN108 Improvisation.

64-66

*General Education Elective(s) - see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective). ‡Recommended: IST123 Success 101 or one of the following: COM106 TV Production; DFT210 Computer Aided Drafting; THR 236 Lighting Design.

3

3

3-4

3

3

3

18-19

Program: Fine and Performing Arts - Acting Option Degree: Associate in Arts Code: AA.FPA.THTR.ACT **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 THR110 **Basic Acting Techniques** COM102 Public Speaking THR131 Intro to Stagecraft & Lighting MAT... Mathematics Elective*† WRT101 English Composition I 3 WRT201 English Composition II 3 COM... COM100 Speech Communication or COM102 Public Speaking **History Electives*** 6 WRT101 English Composition I Humanities Elective** **Humanities Electives**** 9 Three general education courses selected from the following fields, with no more than two courses in any one field: Second Semester Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema

Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). Social Science Electives* 6 Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematic Mathematic	ics, Natural Sciences, & Technology cs* cs or Computer Science or Information Technology* ence Electives*	12-14 3-4 0-3 8
Diversity E	Elective*	3
PROGRAM	// REQUIREMENTS	14-16
THR110 Ba	asic Acting Techniques	3
THR120 St	age Makeup	1
THR131Int	ro. to Stagecraft & Lighting	3
THR113 Movement for the Performing Artist		2
	or	
THR220 Scene Study		3
THR214 Audition Techniques		
	or	
THR217 Theatre Performance & Production		
or		
THR232	Stage Management	1
	or	
DAN	Dance Technique Class***	1-2

THR113 Movement for the Performing Artist	2
or	
THR220 Scene Study	3
THR214 Audition Techniques	2
or	
THR217 Theatre Performance & Production	2
or	
THR232 Stage Management	1
or	
DAN Dance Technique Class***	1-2
THR215 Directing for the Stage	4
or	
THR216 Theatre Production Workshop	3
FREE ELECTIVES	2-6

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
THR113	Movement for the Performing Artist	2
	or	
THR220	Scene Study	3
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Humanities Elective**	3
	Social Science Elective*	3
		14-16

Third Sen	nester	
THR214	Audition Techniques	2
	or	
THR217	Theatre Performance & Production	2
	or	
THR232	Stage Management	1
	or	
DAN	Dance Technique Class***	1-2
HIS	History Elective*	3
	Humanities Elective**	3
	Natural Science Elective*	4
	Diversity Elective*	3
		14-15

Fourth Se	emester	
THR215	Directing for the Stage	3
	or	
THR216	Theatre Production Workshop	4
THR120	Stage Makeup	1
HIS	History Elective*	3
	Natural Science Elective*	4
	Social Science Elective*	3
	Free Elective‡	2-4
	_	16-17

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) - see page 1.

**General Education Electives in Arts (ART, MUS, THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) - see page 1. Recommended: THR101 Introduction to the Theatre; MUS110 Music, Art, & Drama; THR109 History of the Musical Theatre; THR140 Introduction to the Cinema.

64-66

***Dance Technique Classes – DAN102 Ballet; DAN103 Modern; DAN104 Tap; DAN105 Jazz; DAN108 Improvisation.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or one of the following: COM106 TV Production; DFT210 Computer Aided Drafting; THR 236 Lighting Design.

Free Elective‡

2-4

16-18

Degree: Associate in Arts Code: AA.FPA.THTR.DAN **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 THR110 Basic Acting Techniques 3 COM102 Public Speaking DAN102 Ballet 2 MAT... Mathematics Elective*† WRT101 English Composition I 3 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **History Electives*** 6 WRT101 3 English Composition I Humanities Elective** 3 9 17-18 **Humanities Electives**** Three general education courses selected from the following fields, with no more than two courses in any one field: Second Semester Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema THR113 Movement for the Performing Artist 2 Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); THR120 Stage Makeup 1 World Languages and Cultures (LAN). **DAN103** Modern Dance 1 MAT/CIS/ Mathematics or Computer Science or Social Science Electives* 6 INF... Information Technology Elective*† 3-4 Two general education courses selected from the following or fields, with no more than one course in any one field: Free Elective† 3 Economics (ECO); Geography (GEO); Political Science (POL); WRT201 English Composition II 3 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). **Humanities Elective**** 3 Social Science Elective* 3 12-14 Mathematics, Natural Sciences, & Technology 16-17 Mathematics* 3-4 Mathematics or Computer Science or Information Technology* 0-3 **Third Semester** Tap Dance Natural Science Electives* DAN104 8 1 DAN105 Jazz Dance **Diversity Elective*** 3 HIS. History Elective* 3 **Humanities Elective**** 3 **PROGRAM REQUIREMENTS** 15 Natural Science Elective* 4 THR110 Basic Acting Techniques 3 Diversity Elective* 3 THR120 Stage Makeup 15 1 DAN124/THR124 Dance Appreciation 3 2 **Fourth Semester** THR113 Movement for the Performing Artist **DAN102 Ballet** 2 DAN108 Dance Improvisation 1 DAN103 Modern Dance DAN/THR124 Dance Appreciation 1 3 DAN104 Tap Dance 1 HIS.. History Elective* 3 DAN105 Jazz Dance Natural Science Elective* 4 1 **DAN108 Dance Improvisation** Social Science Elective* 3

Specific Program Notes

FREE ELECTIVES

TOTAL CREDITS

*General Education Elective(s) – see page 1.

Program: Fine and Performing Arts - Dance Option

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1. Recommended: THR 01 Introduction to the Theatre; MUS110 Music, Art, & Drama; THR109 History of the Musical Theatre; THR140 Introduction to the Cinema.

2-6

64-66

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or one of the following: COM106 TV Production; DFT210 Computer Aided Drafting; THR 236 Lighting Design.

16-17

Program: Fine and Performing Arts – Technical Theatre Production Option Degree: Associate in Arts Code: AA.FPA.THTR.TECH **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE First Semester Communication COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3

History Electives* 6 **Humanities Electives**** 9 Three general education courses selected from the following fields, with no more than two courses in any one field:

Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).

Social Science Electives* 6 Two general education courses selected from the following

fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*	12-14 3-4 0-3 8
Diversity Elective*	3
PROGRAM REQUIREMENTS	14-16
THR110 Basic Acting Techniques	3
THR120 Stage Makeup	1
THR131Intro. to Stagecraft & Lighting	3
THR231 Stage Electrics	3
THR215 Directing for the Stage	4
or	
THR216 Theatre Production Workshop	3
THR217 Theatre Performance & Production	2
or	

FREE ELECTIVES	2-6
FREE ELECTIVES	2-6

TOTAL CREDITS 64-66

First Semester		
THR110	Basic Acting Techniques	3
THR131	Intro to Stagecraft & Lighting	3
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
MAT	Mathematics Elective*†	3-4
WRT101	English Composition I	3
		15-16

Second Semester Stage Makeup THR120 THR231 Stage Electrics 3 MAT/CIS/ Mathematics or Computer Science or INF... Information Technology Elective*† 3-4 or Free Elective† **WRT201 English Composition II** 3 Humanities Elective** 3 Social Science Elective* 3

Third Semester			
THR217	Theatre Performance & Production	2	
	or		
THR232	Stage Management	1	
HIS	History Elective*	3	
	Humanities Electives**	6	
	Natural Science Elective*	4	
	Diversity Elective*	3	
		17_18	

Fourth Semester			
THR215	Directing for the Stage	3	
	or		
THR216	Theatre Production Workshop	4	
HIS	History Elective*	3	
	Natural Science Elective*	4	
	Social Science Elective*	3	
	Free Elective‡	2-4	
		15-18	

Specific Program Notes

THR232 Stage Management

*General Education Elective(s) - see page 1.

**General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) - see page 1. Recommended: THR101 Introduction to the Theatre; MUS110 Music, Art, & Drama; THR109 History of the Musical Theatre; THR140 Introduction to the Cinema.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or one of the following: COM106 TV Production; DFT210 Computer Aided Drafting; THR 236 Lighting Design.

AS Degree Program(s) in Natural Sciences or Mathematics (Aircraft Operations, Biology, Biotechnology, Chemistry, Computer Science, Mathematics, Physics)

Curriculum Requirements

Program: Natural Sciences and Mathematics - General Curriculum

Degree: Associate in Arts Code: AS.NSM.GEN

Area of Study	Credits	Course Description
Communication	9	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.)
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics, Natural Sciences, and Technology	12*	One or two 4-cr. general education courses (4-8 cr.) in Mathematics (MAT), Computer Science (CIS), or Information Technology (INF), one of which must be in Mathematics (MAT). One or two 4-cr. general education courses (4-8 cr.) to be selected from the following fields: Biology (BIO) Chemistry (CHM) Physics (PHY)
Total GE Credits:	30	
Restricted Program Requirements	22-24	
Program Support Requirements	9	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) History (HIS) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN) One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Free Electives	3	Programs can make recommendations in footnotes.
Total Credits	64-66	

^{*}If a student takes 8 General Education Foundation credits in Mathematics, Computer Science, and Information Technology, then s/he must take 4 General Education Foundation credits in Natural Sciences; and if s/he takes 8 General Education Foundation credits in Natural Sciences, then s/he must take 4 General Education Foundation credits in Mathematics. Combination of Mathematics, Computer Science, Information Technology, and Natural Sciences in the Foundation = 12 credits.

ASSOCIATE IN SCIENCE (A.S.) DEGREE NATURAL SCIENCES OR MATHEMATICS

Program: Natural Sciences or Mathematics - General Curriculum Degree: Associate in Science Code: AS.NSM.GEN **GENERAL EDUCATION REQUIREMENTS** 30 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or 3 Mathematics Elective*† 4 COM102 Public Speaking Natural Sciences Elective' 4 WRT101 English Composition I 3 COM... COM100 Speech Communication 3 WRT201 English Composition II 3 or COM102 Public Speaking WRT101 English Composition I 3 **Humanities Electives*** 6 Humanities Elective* 3 Two general education courses selected from the following 17 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and MAT/CIS/... Mathematics, Computer Science, 4 Religion (PHR); World Languages and Cultures (LAN). or Information Technology Elective*† INF. Natural Sciences Elective* 4 WRT201 Social Science Elective* English Composition II 3 3 Humanities Elective* One general education course selected from the following 3 fields: Economics (ECO); Geography (GEO); Political Social Science Elective* 3 Science (POL); Psychology (PSY); Sociology (SOC) and 17 Anthropology (ANT). Third Semester Mathematics, Natural Sciences, and Technology 12 Natural Science Electives Mathematics* and/or Mathematics or Computer Science or Information Technology* 0-4 MAT... **Mathematics Electives** 8 Natural Science Electives* and/or 4-8 CIS. Computer Science Electives **PROGRAM REQUIREMENTS** 22-24 **Humanities Elective*** 3 Social Science Elective* 3 PROGRAM SUPPORT REQUIREMENTS 9 14 Two general education courses* to be selected 6 from the following fields, with no more than one **Fourth Semester** In any one field: Arts (Art [ART], Music [MUS], Natural Science Electives Theatre Arts [THR], Cinema Studies [CIN]); and/or History (HIS); Literature (LIT); Philosophy and **Mathematics Electives** MAT... 10-12 Religion (PHR); World Languages and Cultures (LAN). and/or CIS. Computer Science Electives One general education course* to be selected 3 **Humanities Elective*** 3 from the following fields: Economics (ECO); 3 Free Elective ## Geography (GEO); Political Science (POL); 16-18 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). FREE ELECTIVE ## 3

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) - see page 1.

†MAT280 Calculus I is required for all students in the AS Degree General Curriculum in Natural Sciences or Mathematics (AS.NSM.GEN). Each specific Natural Sciences or Mathematics Option (Aircraft Operations, Biology, Biotechnology, Chemistry, Computer Science, Mathematics, Physics) designates its own Mathematics requirements. ‡‡Recommended: IST123 Success 101.

64-66

Note: It is recommended that students select their advanced courses in the areas of Biology, Chemistry, Computer Science, Mathematics, or Physics.

Program: Natural Sciences or Mathematics – Aircraft Operations Option Degree: Associate in Science Code: AS.NSM.AVT.OPR

GENERAL EDUCATION REQUIREMENTS	30
Communication	9
COM COM100 Speech Communication or	3
COM102 Public Speaking	
WRT101 English Composition I	3
WRT201 English Composition II	3
Humanities	6
HIS101 History of Western Civ. to the Reformation	
or	3
HIS102 History of Western Civ. since the Reformation	
LIT201 American Literature to 1880	
or	3
LIT202 American Literature to the Present	
Social Science: ECO101 Macroeconomics	3

Social Science: ECO101 Macroeconomics	3
Mathematics, Natural Science, and Technology	12
MAT Mathematics Elective*	4
PHY186 General Physics I	4
PHY286 General Physics II	4
PROGRAM REQUIREMENTS	24

PROGRAM REQUIREMENTS	24
AVT100 Introduction to Aeronautics	3
AVT115 Aviation Meteorology	1
AVT240 Aviation Safety	3
MAT150 Statistics I	3
MAT Mathematics Elective*	4
PHY114 Meteorology	4
WRT202 Technical Writing	3
Approved Elective†	3

PROGRAM SUPPORT REQUIREMENTS	9
LIT203 World Literature to 1650	
or	3
LIT204 World Literature 1650 to the Present	
POL101 American Government	3
Humanities Elective*	3
FREE ELECTIVE‡	3
TOTAL CREDITS	66

RECOMMENDED SEMESTER SEQUENCE

First Sem	ester	
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
HIS101	History of Western Civ. to the	
	Reformation	
	or	3
HIS102	History of Western Civ. since the	
	Reformation	
MAT150	Statistics I	3
PHY186	General Physics I	4
WRT101	English Composition I	3
		16

Second Semester			
AVT100	Introduction to Aeronautics	3	
ECO101	Macroeconomics	3	
MAT	Mathematics Elective*	4	
PHY286	General Physics II	4	
WRT201	English Composition II	3	
		17	

Third Semester			
AVT240	Aviation Safety	3	
LIT201	American Literature to 1880		
	or	3	
LIT202	American Lit 1880 to the Present		
MAT	Mathematics Elective*	4	
POL101	American Government	3	
WRT202	Technical Writing	3	
		16	

Fourth Semester		
AVT115	Aviation Meteorology	1
LIT203	World Literature to 1650	
	or	3
LIT204	World Literature 1650 to the Present	
PHY114	Meteorology	4
	Approved Elective†	3
	Humanities Elective*	3
	Free Elective‡	3
		17

Specific Program Notes

*General Education Elective(s) – see page 1. MAT180 and MAT280 are strongly recommended.

†A Humanities, Social Science, or AVT elective is strongly recommended for students planning to transfer to Vaughn College of Aeronautics and Technology.

‡Recommended: IST123 Success 101.

4

3

1

4

3

15

4

3

1

3

4

3

3

4

4

3

3

17

4

3

6

3

16

17-18

ASSOCIATE IN SCIENCE (A.S.) DEGREE NATURAL SCIENCES OR MATHEMATICS

Code: AS.NSM.BIO **GENERAL EDUCATION REQUIREMENTS** 30 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or 3 BIO101 General Biology I CHM140 General Chemistry I* COM102 Public Speaking WRT101 English Composition I 3 CHM141 General Chemistry I Laboratory WRT201 English Composition II 3 MAT180 Precalculus English Composition I WRT101 **Humanities Electives**** 6 Two general education courses selected from the following fields, with no more than one course in any one field: **Second Semester** Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema BIO203 General Biology II Studies [CIN]); History (HIS); Literature (LIT); Philosophy and CHM240 General Chemistry II Religion (PHR); World Languages and Cultures (LAN). CHM241 General Chemistry II Laboratory **MAT150** Statistics I Social Science Elective** 3 or One general education course selected from the following MAT280 Calculus I fields: Economics (ECO); Geography (GEO); Political WRT201 **English Composition II** Science (POL); Psychology (PSY); Sociology (SOC) and Humanities Elective** Anthropology (ANT). Mathematics, Natural Sciences, and Technology Third Semester 12 MAT180 Precalculus Biology Elective*** 4 CHM140 General Chemistry I 3 Natural Science Elective CHM141 General Chemistry I Laboratory 1 Natural Science Elective** MAT/CIS... Mathematics or Computer 4 Science Elective* MAT/CIS... Math or Computer Science Elective** Humanities Elective* Social Science Elective** Free Elective‡ **PROGRAM REQUIREMENTS** 23-24 BIO101 General Biology I 4 BIO203 General Biology II 4 **Fourth Semester** Biology Elective*** BIO... Biology Electives† 8 BIO.. CHM240 General Chemistry II 3 COM... COM100 Speech Communication CHM241 General Chemistry II Laboratory or COM102 Public Speaking 1 MAT150 Statistics I 3 Humanities Electives** Social Science Elective** MAT280 Calculus I 4 PROGRAM SUPPORT REQUIREMENTS 9 Two general education courses** to be selected 6 from the following fields, with no more than one In any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); **Specific Program Notes** History (HIS); Literature (LIT); Philosophy and *If a student needs to complete CHM100 Introduction Religion (PHR); World Languages and Cultures (LAN). to Chemistry before registering for CHM140 General Chemistry I, CHM100 can be used as the Natural One general education course** to be selected 3 Science Elective in the third semester. from the following fields: Economics (ECO); **General Education Elective(s) - see page 1. ***Students must choose among the following Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and courses: BIO201, BIO202, BIO225, BIO227, BIO228, Anthropology (ANT). ‡Recommended: IST123 Success 101; or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX111, **FREE ELECTIVE**‡ 3 WEX114, WEX115, WEX116, or WEX118; or a **TOTAL CREDITS** general education elective. 65-66

Program: Natural Sciences or Mathematics - Biology Option

Degree: Associate in Science

Degree: Associate in Science Code: AS.NSM.BIO.TECH **GENERAL EDUCATION REQUIREMENTS** 30 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or 3 BIO101 General Biology I 4 General Chemistry I 3 COM102 Public Speaking CHM140 WRT101 English Composition I 3 CHM141 General Chemistry I Laboratory 1 WRT201 English Composition II 3 WRT101 **English Composition I** 3 **Humanities Elective*** 3 **Humanities Electives*** 6 Social Science Elective* 3 Two general education courses selected from the following 17 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester General Biology II Studies [CIN]); History (HIS); Literature (LIT); Philosophy and BIO203 4 Religion (PHR); World Languages and Cultures (LAN). CHM240 General Chemistry II 3 CHM241 General Chemistry II Laboratory 1 Social Science Elective* 3 MAT150 Statistics I 3 One general education course selected from the following WRT201 **English Composition II** 3 fields: Economics (ECO); Geography (GEO); Political Humanities Elective* 3 Science (POL); Psychology (PSY); Sociology (SOC) and 17 Anthropology (ANT). **Third Semester** Mathematics, Natural Sciences, and Technology 12 BIO210 Introduction to Biotechnology 4 MAT180 Precalculus MAT180 4 Precalculus CHM140 General Chemistry I 3 **Humanities Electives*** 6 CHM141 General Chemistry I Laboratory 1 Social Science Elective* 3 CHM240 General Chemistry II 3 17 CHM241 General Chemistry II Laboratory 1 **Fourth Semester** Introduction to Bioinfomatics BIO211 4 **PROGRAM REQUIREMENTS** 23 MAT280 Calculus I 4 BIO101 General Biology I COM... COM100 Speech Communication 4 3 or COM102 Public Speaking BIO203 General Biology II 4 Free Elective** BIO210 Introduction to Biotechnology 4 3 BIO211 Introduction to Bioinfomatics 4 14 MAT150 Statistics I 3 MAT280 Calculus I 4 PROGRAM SUPPORT REQUIREMENTS 9 Two general education courses* to be selected 6 from the following fields, with no more than one In any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). One general education course* to be selected 3 from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). FREE ELECTIVE** 3 **TOTAL CREDITS** 65

Program: Natural Sciences or Mathematics - Biotechnology Option

Specific Program Notes

^{*}General Education Elective(s) – see page 1.

**Recommended: IST123 Success 101; or students may choose WEX101 Dynamics of Health and Fitness (2 cr.) plus a WEX experience course (1 cr.): WEX111, WEX112, WEX114, WEX115, WEX116, or WEX118.

Code: AS.NSM.CHM **GENERAL EDUCATION REQUIREMENTS** 30 RECOMMENDED SEMESTER SEQUENCE Communication 9 **First Semester** COM... COM100 Speech Communication or 3 CHM140 General Chemistry I 3 COM102 Public Speaking CHM141 General Chemistry I Laboratory 1 WRT101 English Composition I 3 MAT180 Precalculus 4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking 6 WRT101 3 **Humanities Electives*** English Composition I Two general education courses selected from the following **Humanities Elective*** 3 fields, with no more than one course in any one field: 17 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Second Semester General Chemistry II Religion (PHR); World Languages and Cultures (LAN). CHM240 3 CHM241 General Chemistry II Laboratory Social Science Elective* MAT280 4 3 Calculus I One general education course selected from the following WRT201 English Composition II 3 fields: Economics (ECO); Geography (GEO); Political Humanities Elective* 3 Science (POL); Psychology (PSY); Sociology (SOC) and Free Elective† 3 17 Anthropology (ANT). Mathematics, Natural Sciences, and Technology 12 **Third Semester** MAT180 Precalculus CHM260 Organic Chemistry I 4 4 MAT280 Calculus I 4 MAT281 Calculus II 4 CHM140 General Chemistry I Physics I 4 3 PHY280 CHM141 General Chemistry I Laboratory 1 Social Science Elective* 3 15 **PROGRAM REQUIREMENTS** 24 CHM240 General Chemistry II 3 **Fourth Semester** Organic Chemistry II CHM241 General Chemistry II Laboratory 1 CHM262 4 CHM260 Organic Chemistry I 4 PHY290 Physics II 4 CHM262 Organic Chemistry II 4 **Humanities Electives*** 6 MAT281 Calculus II 4 Social Science Elective* 3 PHY280 Physics I 4 17 PHY290 Physics II 4 PROGRAM SUPPORT REQUIREMENTS 9 Two general education courses* to be selected 6 from the following fields, with no more than one In any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). One general education course* to be selected 3 from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). **FREE ELECTIVE**† 3 **TOTAL CREDITS** 66

Specific Program Notes

*General Education Elective(s) - see page 1.

Program: Natural Sciences or Mathematics - Chemistry Option

Degree: Associate in Science

†Students may choose WEX101 Dynamics of Health and Fitness (2 cr.) plus a WEX experience course (1 cr.): WEX111, WEX112, WEX114, WEX115, WEX116, or WEX118; or IST123 Success 101; or a General Education Elective.

Degree: Associate in Science Code: AS.NSM.COMP.SCI **GENERAL EDUCATION REQUIREMENTS** 30 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or 3 Fundamentals of Programming 3 **CIS165** MAT280 COM102 Public Speaking Calculus I 4 WRT101 English Composition I 3 COM... COM100 Speech Communication 3 WRT201 English Composition II 3 or COM102 Public Speaking WRT101 English Composition I 3 **Humanities Electives*** 6 PHR103 Basic Logic 3 Two general education courses selected from the following 16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and **Advanced Programming Concepts** 3 CIS265 Religion (PHR); World Languages and Cultures (LAN). CIS271 Computer Org. & Assembly Lang. 3 MAT281 Calculus II 4 Social Science Elective* WRT201 **English Composition II** 3 3 One general education course selected from the following Humanities Elective*† 3 fields: Economics (ECO); Geography (GEO); Political 16 Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). **Third Semester CIS277** Data Structures & Algorithms 3 Discrete Math for Computer Science CIS288 Mathematics, Natural Sciences, and Technology 12 4 MAT280 Calculus I **PHY280** Physics I** 4 4 Natural Science Electives* 8 Humanities Elective*† 3 3 Social Science Elective*‡ **PROGRAM REQUIREMENTS** 22-24 17 CIS165 Fundamentals of Programming CIS265 Advanced Programming Concepts **Fourth Semester** 3 CIS271 Computer Org. & Assembly Lang. 3 Computer Sci or Math Elective*** CIS/MAT 3-4 CIS277 Data Structures & Algorithms 3 **PHY290** Physics II** 4 CIS288 Discrete Math for Comp. Sci. 4 Social Science Elective*‡ 3 MAT281 Calculus II 4 Humanities Elective*† 3 CIS/MAT Computer Sci. or Math Elective 3-4 Free Elective ‡ 3 16-17 PROGRAM SUPPORT REQUIREMENTS 9 PHR103 Basic Logic 3 One general education course to be selected from 3 the following fields: Arts (Art[ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); World languages and Cultures (LAN). One general education course* to be selected 3 from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). FREE ELECTIVE ## 3 **TOTAL CREDITS** 64-66

Specific Program Notes

*General Education Elective(s) – see page 1.

**CHM140 General Chemistry I and CHM141 General Chemistry Lab I may replace PHY280; and CHM240 General Chemistry II and CHM141 General Chemistry Lab II may replace PHY290.

***Choose one of the following: CIS289, CIS287, C1S278, C1S266, MAT282, MAT283, MAT286; PHY291.

†Recommended: PHR203 Intermediate Logic.

‡Recommended: ECO101 Macroeconomics or PSY101 General Psychology.

Program: Natural Sciences or Mathematics - Computer Science Option

‡‡One of the following is recommended: IST123 Success 101, CIS289, CIS256, CIS278, CIS287, MAT282, MAT286, PHY291.

Code: AS.NSM.MATH		5500111		
GENERAL EDUCATION REQUIREMENTS	30	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	9	First Sem		
COM COM100 Speech Communication or	3	MAT280	Calculus I	4
COM102 Public Speaking		PHR103	Basic Logic	3
WRT101 English Composition I	3	COM	COM100 Speech Communication	3
WRT201 English Composition II	3		or COM102 Public Speaking	
		WRT101	English Composition I	3
Humanities Electives*	6		Natural Science Elective*†	4
Two general education courses selected from the following				17
fields, with no more than one course in any one field:				
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second S		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		MAT281	Calculus II	4
Religion (PHR); World Languages and Cultures (LAN).		WRT201	English Composition II	3
		ECO101	Macroeconomics	3
Social Science Elective*	3		Humanities Elective*	3
One general education course selected from the following			Natural Science Elective*†	4
fields: Economics (ECO); Geography (GEO); Political				17
Science (POL); Psychology (PSY); Sociology (SOC) and				
Anthropology (ANT).		Third Sem	nester	
		MAT282	Calculus III	4
Mathematics, Natural Science, and Technology	12	MAT286	Linear Algebra	4
MAT280 Calculus I	4		Humanities Elective*	3
MAT281 Calculus II	4		Mathematics or Natural Science	3-4
Natural Science Elective*	4		Elective‡	
				14-15
PROGRAM REQUIREMENTS	22-24			
MAT282 Calculus III	4	Fourth Se		
MAT283 Differential Equations	4	MAT283	Differential Equations	4
MAT286 Linear Algebra	4		Mathematics or Natural	3-4
Mathematics or Natural Science Electives***	6-8		Science Elective‡	
Natural Science Elective*	4		Social Science Elective*	3
			Humanities Elective‡‡	3
PROGRAM SUPPORT REQUIREMENTS	9		Free Elective‡‡‡	3
PHR103 Basic Logic	3			16-17
ECO101 Macroeconomics	3			
One general education course to be selected from	3			
the following fields: Arts (Art [ART], Music [MUS],				
Theatre Arts [THR], Cinema Studies [CIN]); History (HIS);				
Literature (LIT); World languages and Cultures (LAN).				
	•			
FREE ELECTIVE‡‡‡	3			
TOTAL CREDITS	64-66			

Specific Program Notes
*General Education Elective(s) – see page 1.

Program: Natural Sciences or Mathematics - Mathematics Option

†The student must complete one of the following 8-credit sequences: CHM140/141 and CHM240/241, or PHY186 and PHY286, or PHY280 and PHY290.

‡The student must choose from among the following courses: MAT155, MAT268, MAT285, CHM140/141, CHM240/241, PHY186, PHY280, PHY286, PHY290, PHY291.

‡‡One general education course to be selected from the following fields: Arts (Art [ART], Cinema Studies [CIN], Music [MUS], Theatre Arts [THR]); History (HIS); Literature (LIT); World Languages and Cultures (LAN)

###Recommended: IST123 Success 101.

Code: AS.NSM.PHYSC **GENERAL EDUCATION REQUIREMENTS** 30 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or 3 MAT280 Calculus I 4 PHY280 COM102 Public Speaking Physics I 4 WRT101 English Composition I 3 COM... COM100 Speech Communication 3 WRT201 English Composition II 3 or COM102 Public Speaking WRT101 English Composition I 3 **Humanities Electives*** 6 Social Science Elective* 3 Two general education courses selected from the following 17 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and MAT281 4 Calculus II PHY290 Religion (PHR); World Languages and Cultures (LAN). Physics II 4 WRT201 **English Composition II** 3 Social Science Elective* 3 **Humanities Elective*** 3 One general education course selected from the following Free Elective** 3 fields: Economics (ECO); Geography (GEO); Political 17 Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Third Semester MAT282 Calculus III 4 PHY291 Physics III 4 Mathematics, Natural Science, and Technology 12 MAT280 Calculus I **Humanities Elective*** 3 4 MAT281 Calculus II 4 Natural Science Elective*** 4 PHY280 Physics I 15 4 **PROGRAM REQUIREMENTS** 24 **Fourth Semester** PHY290 Physics II PHY294 4 **Engineering Mechanics** 4 PHY291 Physics III Natural Science Elective** 4 4 PHY294 Engineering Mechanics 4 Humanities Elective* 6 MAT282 Calculus III 4 Social Science Elective* 3 Natural Science Elective*** 4 17 Natural Science Elective*** 4 PROGRAM SUPPORT REQUIREMENTS 9 Two general education courses* to be selected 6 from the following fields, with no more than one In any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). One general education course* to be selected 3 from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). FREE ELECTIVE** 3 **TOTAL CREDITS** 66

Specific Program Notes

*General Education Elective(s) - see page 1.

Program: Natural Sciences or Mathematics - Physics Option

Degree: Associate in Science

^{**}CIS270 Programming for Scientific Applications (3 cr.), is strongly recommended; or WEX101 Dynamics of Health and Fitness (2 cr.) plus a WEX experience course (1 cr.): WEX111, WEX112, WEX114, WEX115, WEX116, or WEX118; or IST123 Success 101. ***CHM140/141 General Chemistry I and CHM240/241 General Chemistry II are recommended.

AS Degree Program in Engineering Science

Curriculum Requirements
Program: Engineering Science Degree: Associate in Arts Code: AS.ENGIN.SCI

Area of Study Credits		Course Description	
Communication	9	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.)	
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)	
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)	
Mathematics and Natural Sciences	12*	One or two 4-cr. general education courses (4-8 cr.) in Mathematics (MAT) One or two 4-cr. general education courses (4-8 cr.) to be selected from the following fields: Biology (BIO) Chemistry (CHM) Physics (PHY)	
Total GE Credits:	30		
Restricted Program Requirements	33		
Free Electives	3	Programs can make recommendations in footnotes.	
Total Credits	64-66		

^{*}If a student takes 8 General Education Foundation credits in MAT, then s/he must take 4 General Education Foundation credits in Natural Sciences; and if s/he takes 8 General Education Foundation credits in Natural Sciences, then s/he must take 4 General Education Foundation credits in MAT. Combination of MAT and Natural Sciences in the Foundation = 12 credits.

ASSOCIATE IN SCIENCE (A.S.) DEGREE **ENGINEERING SCIENCE**

Program: Engineering Science Degree: Associate in Science Code: AS.ENGIN.SCI

GENERAL EDUCATION REQUIREMENTS 30 Communication COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 **Humanities Electives*** 6 Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN) Social Science Elective* 3

One general education course selected from the following
fields: Economics (ECO); Geography (GEO); Political
Science (POL); Psychology (PSY); Sociology (SOC) and
Anthropology (ANT)

Mathematics and Natural Sciences MAT280 Calculus I MAT281 Calculus II PHY280 Physics I	12 4 4 4
PROGRAM REQUIREMENTS	33
PHY290 Physics II	4
PHY291 Physics III	4
PHY294 Engineering Mechanics	4
CHM140 General Chemistry I	3
CHM141 General Chemistry I Lab	1
CHM240 General Chemistry II	3
CHM241 General Chemistry II Lab	1
CIS270 Programming for Scientific Applications	3
DFT107 Drafting I	2
MAT282 Calculus III	4
MAT283 Differential Equations	4
FREE ELECTIVE‡‡	3

RECOMMENDED SEMESTER SEQUENCE

First Sem	ester	
MAT280	Calculus I	4
PHY280	Physics I	4
CHM140	General Chemistry I	3
CHM141	General Chemistry I Lab	1
DFT107	Drafting I	2
WRT101	English Composition I	3
		17

Second Semester		
PHY290	Physics II	4
MAT281	Calculus II	4
CIS270	Programming for Scientific	4
	Applications	
CHM240	General Chemistry II	3
CHM241	General Chemistry II Lab	1
WRT201	English Composition II	3
		18

Third Sen	nester	
PHY291	Physics III	4
MAT282	Calculus III	4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
	Humanities Elective*†	3
	Social Science Elective*‡	3
		17

Fourth Semester		
PHY294	Engineering Mechanics	4
MAT283	Differential Equations	4
	Humanities Elective*†	3
	Free Elective‡‡	3
		14

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) - see page 1.

†Recommended: HIS101 History of Western Civilization to the Reformation and HIS102 History of Western Civilization since the Reformation

66

‡Recommended: ECO101 Macro Economics ‡‡ Recommended: ECO201 Micro Economics

AS Degree Program(s) in Professional Studies

Curriculum Requirements

Program: Professional Studies - General Curriculum

Degree: Associate in Science Code: AS.PS.GEN

Area of Study	Credits	Course Description
Communication	9	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.)
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics and Natural Sciences	11-12	One 3-cr. or 4-cr. general education course in Mathematics (MAT) Two general education courses (8 cr.) to be selected from the following fields: Biology (BIO) Chemistry (CHM) Physics (PHY)
General Education Elective	0-3	If needed to reach the Foundation minimum of 30-32 credits, one course from the BCC General Education course list. If not needed for that purpose, then 3-credit Free Elective.
Total GE Credits:	30-32	
AS/PS Program Support Requirements in Humanities and Social Sciences	12	Three general education courses (9 cr.) to be selected from the following fields, with no more than two courses (6 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR]) History (HIS) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN) One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
AS/PS Program Requirements	15-18	Cociology (CCC) and Antiniopology (AIVI)
Free Electives	3-6	
Total Credits	64-66	

ASSOCIATE IN SCIENCE (A.S.) DEGREE PROFESSIONAL STUDIES

Degree: Associate in Science Code: AS.PS.GEN **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE **First Semester** Communication COM... COM100 Speech Communication or 3 MAT.. Mathematics Elective* 3-4 COM102 Public Speaking COM... COM100 Speech Communication WRT101 English Composition I 3 or COM102 Public Speaking WRT201 English Composition II 3 WRT101 **English Composition I** 3 Humanities Elective* 3 **Humanities Electives*** 6 Program Requirements 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester English Composition II Studies [CIN]); History (HIS); Literature (LIT); Philosophy and WRT201 3 Religion (PHR); World Languages and Cultures (LAN) Humanities Elective* 3 Social Science Elective* 3 Social Science Elective* 3 General Education Elective* One general education course selected from the following 3 or Free Elective** fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and **Program Requirements** 3 Anthropology (ANT) 15 **Mathematics and Natural Sciences** 11-12 Third Semester Mathematics* Natural Science Elective* 3-4 4 Natural Science Electives* 8 **Humanities Elective*** 3 Social Science Elective* 3 **Additional General Education Elective** 0-3 Program Requirements 6 If needed to reach the Foundation minimum of 30-32 16 credits, take one course from the BCC General Education course list. If an additional course is not needed for that **Fourth Semester** Natural Science Elective* purpose, then the student may take a 3-credit free 4 elective or no additional credit in this category. **Humanities Electives*** 6 **Program Requirements** 3-6 PROGRAM SUPPORT REQUIREMENTS 12 Free Elective** 3-6 Three general education courses (9 cr.) selected from the 16-19 9 following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN) One general education course (3 cr.) to be selected from 3 the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT) **PROGRAM REQUIREMENTS** 15-18 FREE ELECTIVES** 3-6 **TOTAL CREDITS** 64-66

Specific Program Notes

*General Education Elective(s) – see page 1.

Program: Professional Studies - General Curriculum

^{**}Recommended: IST123 Success 101.

Program: Professional Studies – Aviation Administration Option Degree: Associate in Science Code: AS.PS.AVT.ADM

GENERAL EDUCATION REQUIREMENTS	30
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I	3
WRT201 English Composition II	3
Humanities	6
HIS101 History of Western Civ. to the Reformation	3
or HIS102 History of Western Civ. since the Reformation	3
LIT201 American Literature to 1880	
or	3
LIT202 American Literature to the Present	
Social Science: ECO101 Macroeconomics	3
Mathematics and Natural Sciences MAT180 Precalculus	12 4
PHY186 General Physics I	4
PHY286 General Physics II	4
1 111 200 Conordin Hydroc II	
PROGRAM REQUIREMENTS	18
ACC110 Financial Accounting	3
AVT100 Introduction to Aeronautics	3
AVT240 Aviation Safety	3
BUS101 Introduction to Business	3
BUS110 Transportation Logistics & Supply Chain Management	
Of DUCAGO Dringings of Management	3
BUS207 Principles of Management WRT202 Technical Writing	3
·	
PROGRAM SUPPORT REQUIREMENTS	12
LIT203 World Literature to 1650 or	3
LIT204 World Literature 1650 to the Present	
LAN110 French I	3
or LAN113 Spanish I	3
LAN200 French II	
or	3
LAN130 Spanish II	
POL101 American Government	3
FREE ELECTIVE or MAT280 Calculus I*	4
TOTAL CREDITS	64

RECOMMENDED SEMESTER SEQUENCE

First Semester

ACC110	Financial Accounting	3
BUS101	Introduction to Business	3
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
MAT180	Precalculus	4
WRT101	English Composition I	3
		16

Second Semester

AVT100	Introduction to Aeronautics	3
BUS110	Trans. Logistics & Supply Chain Mgmt	
	or	3
BUS207	Principles of Management	
ECO101	Macroeconomics	3
	Free Elective*	
	or	4
MAT280	Calculus I*	
WRT201	English Composition II	3
		16

Third Semester

HIS101	History of Western Civ. to the Reformation	
	or	3
HIS102	History of Western Civ. since the	
	Reformation	
LAN110	French I	
	or	3
LAN113	Spanish I	
LIT201	American Literature to 1880	
	or	3
LIT202	American Lit 1880 to the Present	
PHY186	General Physics I	4
WRT202	Technical Writing	3
		16

Fourth Semester

AVT240	Aviation Safety	3
LAN200	French II	
	or	3
LAN230	Spanish II	
LIT203	World Literature to 1650	
	or	3
LIT204	World Literature 1650 to the Present	
PHY286	General Physics II	4
POL101	American Government	3
		16

Specific Program Notes

*MAT280 is strongly recommended for students planning to transfer to Vaughn College of Aeronautics and Technology.

Program: Professional Studies – Broadcasting Option Degree: Associate in Science Code: AS.PS.BRCAST		
GENERAL EDUCATION REQUIREMENTS	30-32	RECOMMENDED SEMESTER SEQUENCE
Communication	9	First Semester
COM COM100 Speech Communication or	3	MAT Mathematics Elective* 3-4
COM102 Public Speaking		COM COM100 Speech Communication 3
WRT101 English Composition I	3	or COM102 Public Speaking
WRT201 English Composition II	3	WRT101 English Composition I 3
The transfer of the second of	· ·	Humanities Elective* 3
Humanities Electives*	6	COM101 Mass Media of Communication 3
Two general education courses selected from the following	J	15-16
fields, with no more than one course in any one field:		10 10
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second Semester
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		WRT201 English Composition II 3
Religion (PHR); World Languages and Cultures (LAN)		Humanities Elective* 3
religion (Fritt), world Earlydages and Oditales (EAIV)		On the Original Florities *
Social Science Elective*	3	Social Science Elective* 3
One general education course selected from the following	3	or 3
fields: Economics (ECO); Geography (GEO); Political		Free Elective**
Science (POL); Psychology (PSY); Sociology (SOC) and		COM103 Intro to Radio/TV Production 3
Anthropology (ANT)		15
Antiliopology (ANT)		13
Mathematics and Natural Sciences	11-12	Third Semester
Mathematics and Natural Sciences Mathematics*		N (10) El (
	3-4	Natural Science Elective* 4
Natural Science Electives*	8	Humanities Elective* 3
Additional Comment Education Florithms		Social Science Elective* 3
Additional General Education Elective*	0-3	COM105 Radio Production 3
If needed to reach the Foundation minimum of 30-32		COM106 TV Production I 3
credits, take one course from the BCC General Education		16
course list. If an additional course is not needed for that		_ ,, _ ,
purpose, then the student must take a 3-credit free elective.		Fourth Semester
		Natural Science Elective* 4
		Humanities Electives* 6
PROGRAM SUPPORT REQUIREMENTS	12	COM205 Advanced Radio Production
Three general education courses (9 cr.) selected from the	9	or 3
following fields, with no more than two courses in any one field:		COM208 Directing for TV
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		COM207 TV Production II
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		or 3
Religion (PHR); World Languages and Cultures (LAN)		COM111 Video Post Production
	_	Free Elective** 3
One general education course (3 cr.) to be selected from	3	19
the following fields: Economics (ECO); Geography (GEO);		
Political Science (POL); Psychology (PSY); Sociology (SOC)		
and Anthropology (ANT)		
DDOCDAM DECUMPANTS	40	
PROGRAM REQUIREMENTS	18	
COM101 Mass Media of Communication	3	
COM103 Intro to Radio/TV Production	3	
COM105 Radio Production	3	
COM106 TV Production I	3	
COM205 Advanced Radio Production	2	
Or COM200 Direction for TV	3	
COM208 Directing for TV		
COM207 TV Production II	3	
or COM111 Video Post Production	3	
,		
FREE ELECTIVES**	3-6	
TOTAL CREDITS	65-66	
Specific Program Notes *General Education Elective(s) – see page 1.		
**Recommended: IST123 Success 101.		

3

3

3

3

3

3

3

6

3

18

3

3

3

6

4

16

3

3

4

3

16

3

15-16

3-4

ASSOCIATE IN SCIENCE (A.S.) DEGREE PROFESSIONAL STUDIES

Program: Professional Studies - Business Administration - General Option Degree: Associate in Science

Code: AS.PS.BUS.ADM

GENERAL EDUCATION REQUIREMENTS 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 ACC110 Financial Accounting BUS101 Intro to Business Administration COM102 Public Speaking MAT... Mathematics Elective*† WRT101 English Composition I 3 WRT201 English Composition II 3 COM... COM100 Speech Communication or COM102 Public Speaking **Humanities Electives*** 6 WRT101 English Composition I Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Managerial Accounting Studies [CIN]); History (HIS); Literature (LIT); Philosophy and ACC210 Religion (PHR); World Languages and Cultures (LAN). Business Elective± WRT201 **English Composition II** Social Science Course: ECO101 Macroeconomics **Humanities Electives*** 3 ECO101 Macroeconomics **Mathematics and Natural Sciences** 11-12 Mathematics*† 3-4 Natural Science Electives* **Third Semester Business Elective**‡ **Additional General Education Elective** ECO201 0.3 Microeconomics If needed to reach the Foundation minimum of 30-32 or credits, take one course from the BCC General Education **PSY101** General Psychology course list. If an additional course is not needed for that or Sociology purpose, then the student must take a 3-credit free elective. SOC101 Humanities Electives' PROGRAM SUPPORT REQUIREMENTS 12 Natural Science Elective Three general education courses (9 cr.) selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre **Fourth Semester** Arts [THR], Cinema Studies [CIN]); History (HIS); Business Elective‡ Literature (LIT); Philosophy and Religion (PHR); **Humanities Elective*** World Languages and Cultures (LAN). Natural Science Elective* General Education Elective* One of the following Social Science courses: 3 Free Elective‡‡ ECO201 Microeconomics* PSY101 General Psychology Free Elective ### SOC101 Sociology **PROGRAM REQUIREMENTS** 18 **ACC110 Financial Accounting** 3 ACC210 Managerial Accounting 3

Specific Program Notes

..... Business Electives‡

FREE ELECTIVES

TOTAL CREDITS

*General Education Elective - See Page 1.

BUS101 Intro to Business Administration

†General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.

3

9

3-6

64-66

‡Any BUS course, or INF101, or BNF201. Before selecting your Business electives, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: BUS201, BUS207, BUS233, BUS234, or INF101.

##Recommended: BUS463 Co-op Work Experience (Business Administration.)

‡‡‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX111, WEX114, WEX115, WEX116, or WEX118.

Code: AS.PS.BUS.ACCT **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 BUS101 Intro to Business Administration 3 COM102 Public Speaking ECO101 Macroeconomics 3 MAT... WRT101 English Composition I 3 Mathematics Elective*† 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **Humanities Electives*** 6 WRT101 English Composition I 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Financial Accounting Studies [CIN]); History (HIS); Literature (LIT); Philosophy and 3 ACC110 Religion (PHR); World Languages and Cultures (LAN). BUS201 Marketing Principles 3 ECO201 Microeconomics 3 Social Science Course: ECO101 Macroeconomics WRT201 **English Composition II** 3 3 Humanities Electives' 6 **Mathematics and Natural Sciences** 11-12 18 Mathematics*† 3-4 Natural Science Electives* 8 Third Semester ACC210 Managerial Accounting 3 **Additional General Education Elective** 3 0-3 **Business Elective**‡ If needed to reach the Foundation minimum of 30-32 Humanities Electives' 6 credits, take one course from the BCC General Education Natural Science Elective' 4 16 course list. If an additional course is not needed for that purpose, then the student must take a 3-credit free elective. Fourth Semester PROGRAM SUPPORT REQUIREMENTS ACC202 Intermediate Accounting I 3 12 Three general education courses (9 cr.) selected from Humanities Elective* 3 the following fields, with no more than two courses in Natural Science Elective' 4 any one field: Arts (Art [ART], Music [MUS], Theatre General Education Elective* Arts [THR], Cinema Studies [CIN]); History (HIS); 3 Literature (LIT); Philosophy and Religion (PHR); Free Elective‡‡ World Languages and Cultures (LAN). Free Elective ## 3 16 Social Science Course: ECO201 Microeconomics 3 PROGRAM REQUIREMENTS 18 **ACC110 Financial Accounting** 3 ACC210 Managerial Accounting 3 ACC202 Intermediate Accounting I 3 BUS101 Intro to Business Administration 3 **BUS201 Marketing Principles** 3 Business Elective‡ 3 **FREE ELECTIVES** 3-6

Program: Professional Studies - Business Administration - Accounting Option

Degree: Associate in Science

Specific Program Notes

TOTAL CREDITS

*General Education Elective - See Page 1.

†General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223. ±BUS207 or INF101.

64-66

‡‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX111, WEX114, WEX115, WEX116, or WEX118.

Code: AS.PS.BUS.HOSP **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 ACC110 Financial Accounting 3 BUS101 Intro to Business Administration COM102 Public Speaking 3 WRT101 English Composition I 3 HRM101 Intro to Hospitality Management 3 WRT201 English Composition II 3 MAT.. Mathematics Elective* 3-4 **WRT101** English Composition I 3 **Humanities Electives**** 6 15-16 Two general education courses selected from the following fields, with no more than one course in any one field: Second Semester Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Managerial Accounting ACC210 3 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and COM... COM100 Speech Communication 3 Religion (PHR); World Languages and Cultures (LAN). or COM102 Public Speaking WRT201 **English Composition II** 3 Social Science Course: ECO101 Macroeconomics Humanities Electives** 3 6 ECO101 Macroeconomics 3 **Mathematics and Natural Sciences** 11-12 18 Mathematics* 3-4 Natural Science Electives** **Third Semester** Hotel/Restaurant/Hospitality 3 Elective** **Additional General Education Elective** 0-3 If needed to reach the Foundation minimum of 30-32 ECO201 3 Microeconomics credits, take one course from the BCC General Education or course list. If an additional course is not needed for that PSY101 General Psychology 3 purpose, then the student must take a 3-credit free elective. or Sociology 5 contracts SOC101 3 PROGRAM SUPPORT REQUIREMENTS Humanities Electives** 12 6 Natural Science Elective* Three general education courses (9 cr.) selected from 4 the following fields, with no more than two courses in 16 any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); **Fourth Semester** 3 Literature (LIT); Philosophy and Religion (PHR); Business Elective**** World Languages and Cultures (LAN). **Humanities Elective**** 3 Natural Science Elective* 4 One of the following Social Science courses: 3 General Education Elective* ECO201 Microeconomics* or 3 PSY101 General Psychology Free Elective† SOC101 Sociology Free Elective† 3 16 **PROGRAM REQUIREMENTS** 18 **ACC110 Financial Accounting** 3 ACC210 Managerial Accounting 3 **BUS101 Intro to Business Administration** 3 HRM101 Intro to Hospitality Management 3 Hotel/Restaurant/Hospitality* 3 Business Electives*** 3 **FREE ELECTIVES** 3-6

Specific Program Notes

TOTAL CREDITS

*General Education Elective - See Page 1. General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.

**General Education Elective - See Page 1. Recommended Humanities Electives: six credits of Literature; three credits of Philosophy; and six credits of one World Language.

65-66

***HRM104. ACC206. or HRM/LGL219.

Program: Professional Studies - Hospitality Option

Degree: Associate in Science

****BUS201, BUS207, or BUS/HRM129.

†Recommended: IST123 Success 101 or INF101 Introduction to Information Technology.

3

3

3

3

3

3

3

6

3

18

3

3

3

3

6

4

16

3

3

4

3

16

3-4

ASSOCIATE IN SCIENCE (A.S.) DEGREE PROFESSIONAL STUDIES

Program: Professional Studies - Business Administration - International Trade Option Degree: Associate in Science

Code: AS.PS.BUS.INTL **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 ACC110 Financial Accounting BUS101 COM102 Public Speaking Intro to Business Administration MAT... Mathematics Elective*† WRT101 English Composition I 3 WRT201 English Composition II 3 COM... COM100 Speech Communication or COM102 Public Speaking **Humanities Electives*** 6 WRT101 English Composition I Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Managerial Accounting ACC210 Fundamentals of Internat'l Business Religion (PHR); World Languages and Cultures (LAN). **BUS262** WRT201 **English Composition II** Social Science Course: ECO101 Macroeconomics **Humanities Electives*** 3 ECO101 Macroeconomics **Mathematics and Natural Sciences** 11-12 Mathematics*† 3-4 Natural Science Electives* **Third Semester** Business International Trade Elective‡ **Additional General Education Elective** FCO201 0.3 Microeconomics If needed to reach the Foundation minimum of 30-32 or credits, take one course from the BCC General Education **PSY101** General Psychology course list. If an additional course is not needed for that or Sociology purpose, then the student must take a 3-credit free elective. SOC101 Humanities Electives' PROGRAM SUPPORT REQUIREMENTS 12 Natural Science Elective Three general education courses (9 cr.) selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre **Fourth Semester** Business Elective ‡‡ Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); Humanities Elective* World Languages and Cultures (LAN). Natural Science Elective* General Education Elective* One of the following Social Science courses: 3 ECO201 Microeconomics* Free Elective ### PSY101 General Psychology Free Elective #### SOC101 Sociology **PROGRAM REQUIREMENTS** 18 **ACC110 Financial Accounting** 3 ACC210 Managerial Accounting 3

Specific Program Notes

..... Business Elective ##

FREE ELECTIVES

TOTAL CREDITS

*General Education Elective - See Page 1.

BUS101 Intro to Business Administration

..... Business International Trade Elective‡

BUS262 Fundamentals of International Business

†General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.

3

3

3

3

3-6

64-66

‡BUS202, BUS207, BNF208. ‡‡BUS201, BUS207, INF101.

±±±Recommended: BUS463 Co-op Work Experience with an international trade position.

‡‡‡‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX111, WEX114, WEX115, WEX116, or WEX118.

ASSOCIATE IN SCIENCE (A.S.) DEGREE **PROFESSIONAL STUDIES**

Program: Professional Studies - Business Administration - Management Option Degree: Associate in Science Code: AS.PS.BUS.MGMT

,	GENERAL EDUCATION REQUIREMENTS	30-32	RECOMM	ENDED SEMESTER SEQUENCE	
	Communication	9	First Seme	ester	
1	COM COM100 Speech Communication or	3	ACC110	Financial Accounting	3
	COM102 Public Speaking		BUS101	Intro to Business Administration	3
	WRT101 English Composition I	3	MAT	Mathematics Elective*†	3-4
	WRT201 English Composition II	3	COM	COM100 Speech Communication	3
	·			or COM102 Public Speaking	
	Humanities Electives*	6	WRT101	English Composition I	3
	Two general education courses selected from the following			-	15-16
	fields, with no more than one course in any one field:				
	Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second Se	emester	
	Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		ACC210	Managerial Accounting	3
	Religion (PHR); World Languages and Cultures (LAN).		BUS207	Principles of Management	3
			WRT201	English Composition II	3
	Social Science Course: ECO101 Macroeconomics	3		Humanities Electives*	6
			ECO101	Macroeconomics	3
	Mathematics and Natural Sciences	11-12			18
	Mathematics*†	3-4			
	Natural Science Electives*	8	Third Sem	ester	
				Business Elective‡	3
	Additional General Education Elective	0-3	ECO201	Microeconomics	3
	If needed to reach the Foundation minimum of 30-32			or	
	credits, take one course from the BCC General Education		PSY101	General Psychology	3
	course list. If an additional course is not needed for that			or	
	purpose, then the student must take a 3-credit free elective.		SOC101	Sociology	3
				Humanities Electives*	6
	PROGRAM SUPPORT REQUIREMENTS	12		Natural Science Elective*	4
	Three general education courses (9 cr.) selected from	9			16
	the following fields, with no more than two courses in				
	any one field: Arts (Art [ART], Music [MUS], Theatre		Fourth Se		
	Arts [THR], Cinema Studies [CIN]); History (HIS);			Business Elective‡	3
	Literature (LIT);Philosophy and Religion (PHR);			Humanities Elective*	3
	World Languages and Cultures (LAN).			Natural Science Elective*	4
				General Education Elective*	
	One of the following Social Science courses:	3		or	3
	ECO201 Microeconomics*			Free Elective‡‡	
	PSY101 General Psychology			Free Elective‡‡‡	3
	SOC101 Sociology				16
	PROGRAM REQUIREMENTS	18			
	ACC110 Financial Accounting	3			
	ACC210 Managerial Accounting	3			
	BUS101 Intro to Business Administration	3			
	BUS207 Principles of Management	3			
	Business Electives‡	6			
		-			

Specific Program Notes

FREE ELECTIVES

TOTAL CREDITS

*General Education Elective - See Page 1.

†General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.

3-6

64-66

‡BUS170, BUS201, BUS205, BUS208, BUS209, BUS223, BUS224, INF101.

‡‡Recommended: BUS463 Co-op Work Experience with a managerial position. ‡‡‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX111, WEX114, WEX115, WEX116, or WEX118.

Free Elective ###

Free Elective ####

16

Program: Professional Studies - Business Administration - Marketing Option Degree: Associate in Science Code: AS.PS.BUS.MKTG **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 ACC110 Financial Accounting 3 BUS101 Intro to Business Administration COM102 Public Speaking 3 MAT... Mathematics Elective*† WRT101 English Composition I 3 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **Humanities Electives*** 6 WRT101 English Composition I 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Managerial Accounting Studies [CIN]); History (HIS); Literature (LIT); Philosophy and ACC210 3 Marketing Principles Religion (PHR); World Languages and Cultures (LAN). BUS201 3 WRT201 **English Composition II** 3 Social Science Course: ECO101 Macroeconomics **Humanities Electives*** 3 6 ECO101 Macroeconomics 3 **Mathematics and Natural Sciences** 11-12 18 Mathematics*† 3-4 Natural Science Electives* **Third Semester** BUS.. **Business Marketing Elective**‡ 3 **Additional General Education Elective** ECO201 3 0.3 Microeconomics If needed to reach the Foundation minimum of 30-32 or credits, take one course from the BCC General Education **PSY101** General Psychology 3 course list. If an additional course is not needed for that or purpose, then the student must take a 3-credit free elective. Sociology SOC101 3 Humanities Electives' 6 PROGRAM SUPPORT REQUIREMENTS 12 Natural Science Elective' 4 Three general education courses (9 cr.) selected from 16 the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre **Fourth Semester** Business Elective ‡‡ Arts [THR], Cinema Studies [CIN]); History (HIS); 3 Literature (LIT); Philosophy and Religion (PHR); **Humanities Elective*** 3 World Languages and Cultures (LAN). Natural Science Elective* 4 General Education Elective* One of the following Social Science courses: 3 3

PROGRAM REQUIREMENTS ACC110 Financial Accounting ACC210 Managerial Accounting BUS101 Intro to Business Administration BUS201 Marketing Principles BUS Business Marketing Elective‡ Business Elective‡‡	18 3 3 3 3 3 3
FREE ELECTIVES	3-6

TOTAL CREDITS

Specific Program Notes

ECO201 Microeconomics*
PSY101 General Psychology

SOC101 Sociology

*General Education Elective - See Page 1.

†General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.
‡BUS203, BUS210, BUS250.

64-66

‡‡BUS207, BUS223, BUS271, INF101.

‡‡‡Recommended: BUS463 Co-op Work Experience with a marketing position.

‡‡‡‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX111, WEX114, WEX115, WEX116, or WEX118.

GENERAL EDUCATION REQUIREMENTS	30-32	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	9	First Sem	ester	
COM COM100 Speech Communication or	3	ACC110	Financial Accounting	3
COM102 Public Speaking		BUS115	Intro to Nonprofit Organizations	3
WRT101 English Composition I	3	COM	COM100 Speech Communication	3
WRT201 English Composition II	3		or COM102 Public Speaking	
•		ECO101	Macroeconomics	3
Humanities Electives**	6	WRT101	English Composition I	3
Two general education courses selected from the following				15
fields, with no more than one course in any one field:				
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second S	emester	
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		ACC210	Managerial Accounting	3
Religion (PHR); World Languages and Cultures (LAN).		ECO201	Microeconomics	3
			or	
Social Science Course: ECO101 Macroeconomics	3	PSY101	General Psychology or	3
Mathematics and Natural Sciences	11-12	SOC101	Sociology	3
Mathematics*	3-4	MAT	Mathematics Elective*	3-4
Natural Science Electives**	8		Humanities Elective**	3
		WRT201	English Composition II	3
Additional General Education Elective	0-3		Nonprofit Course Elective***	3
If needed to reach the Foundation minimum of 30-32			1	8-19
credits, take one course from the BCC general education				
course list. If an additional course is not needed for that		Third Sen		
purpose, then the student must take a 3-credit free elective.			Business Administration Elective****	3
			Humanities Electives*	9
PROGRAM SUPPORT REQUIREMENTS	12		Natural Science Elective**	4
Three general education courses (9 cr.) selected from	9			16
the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre		Fourth Se		
Arts [THR], Cinema Studies [CIN]); History (HIS);			Business Administration Elective****	3
Literature (LIT);Philosophy and Religion (PHR);			Humanities Elective**	3
World Languages and Cultures (LAN).			Natural Science Elective**	4
			General Education Elective**	
One of the following Social Science courses:	3		or	3
ECO201 Microeconomics			Free Elective†	
PSY101 General Psychology			Free Elective‡	3
SOC101 Sociology				16
PROGRAM REQUIREMENTS	18			
ACC110 Financial Accounting	3			
ACC210 Managerial Accounting	3			
BUS115 Intro to Nonprofit Organizations	3			
Business Administration Electives****	6			
Nonprofit Course Elective***	3			
FREE ELECTIVE:	3			

Specific Program Notes

TOTAL CREDITS

*General Education Elective in Mathematics - See Page 1. Before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.

65-66

**General Education Elective – See Page 1. Students seeking careers in theatre management should select THR101 and THR109 among their Humanities electives.

***Select BUS116, LGL209, ACC115 or BUS117, CRJ113, LIT220, POL101, or SOC102. Students seeking careers in theatre management should select BUS116, LGL209, or ACC115.

****Select from: BUS129, BUS201, BUS207, or BUS208.

Program: Professional Studies - Nonprofit Management Option

†Recommended: General Education course or Co-Op in vocational area of interest.

‡Recommended: IST123 Success 101, INF101, or SOC113. Students seeking careers in theatre management should select INF114, BUS250, THR110, or THR131.

Program: Professional Studies - Criminal Justice Option Degree: Associate in Science Code: AS.PS.CRIMJ **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 CRJ101 Introduction to Criminal Justice 3 COM102 Public Speaking The Juvenile Justice Process CRJ113 3 WRT101 English Composition I 3 WRT101 3 **English Composition I** WRT201 English Composition II 3 **Humanities Elective*†** 3 Social Science Elective* 3 6 15 **Humanities Electives*** Two general education courses selected from the following fields, with no more than one course in any one field: Second Semester Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema CRJ109 Contemporary Issues in Policing 3 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and **WRT201 English Composition II** 3 Religion (PHR); World Languages and Cultures (LAN). 6 Humanities Electives* Social Science Elective* 3 Social Science Elective* 3 Free Elective** 3 18 One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and **Third Semester** Police Administration 3 Anthropology (ANT). CRJ105 COM... COM100 Speech Communication 3 11-12 or COM102 Public Speaking **Mathematics and Natural Sciences** Mathematics* 3-4 MAT. Mathematics Elective* 3-4 Natural Science Electives* 8 Natural Science Elective* 4 3 **Humanities Elective* Additional General Education Course** 3 16-17 MAT/CIS... Math/Computer Science Elective (3 cr.)* **Fourth Semester** PROGRAM SUPPORT REQUIREMENTS Criminal Law 12 **CRJ103** 3 Three general education courses (9 cr.) selected from the CRJ107 Criminology 3 9 following fields, with no more than two courses in any one field: MAT/CIS.. Math/Computer Science Elective* 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Natural Science Elective* 4 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and **Humanities Elective*** 3 Religion (PHR); World Languages and Cultures (LAN). 16 3 One general education course (3 cr.) to be selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). **PROGRAM REQUIREMENTS** 18 CRJ101 Introduction to Criminal Justice 3 CRJ103 Criminal Law 3 CRJ105 Police Administration 3 CRJ107 Criminology 3 CRJ109 Contemporary Issues in Policing 3 CRJ113 The Juvenile Justice Process 3 FREE ELECTIVE** 3

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1. Recommended Humanities electives: HIS111, HIS112, PHR103. Recommended Social Science electives: SOC101, PSY101.

**Recommended: IST123 Success 101; or WEX101 Dynamics of Health and Fitness (2 cr.) plus a WEX experience course (1 cr.): WEX111, WEX112, WEX114, WEX115, WEX116, or WEX118.

65-66

Program: Professional Studies – Education Option Degree: Associate in Science Code: AS.PS.EARLY.CHILD		Pending State Approve
GENERAL EDUCATION REQUIREMENTS	30-32	RECOMMENDED SEMESTER SEQUENCE
Communication	9	First Semester
COM COM100 Speech Communication or	3	EDU101 Introduction to Education
COM102 Public Speaking		COM COM100 Speech Communication
WRT101 English Composition I	3	or COM102 Public Speaking
WRT201 English Composition II	3	MAT Mathematics Elective*
		Humanities Elective*
Humanities Electives*	6	WRT101 English Composition I
Two general education courses selected from the following		15-
fields, with no more than one course in any one field:		
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second Semester
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		EDU120 Child Development I
Religion (PHR); World Languages and Cultures (LAN)		WRT201 English Composition II
Social Science Elective*	•	Humanities Elective* Social Science Elective*
	3	
One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political		General Education Elective*† or
Science (POL); Psychology (PSY); Sociology (SOC) and		Free Elective**
Anthropology (ANT)		Tree Elective
, and applied of the control of the		
Mathematics and Natural Sciences	11-12	Third Semester
Mathematics*	3-4	EDU1XX Educational Technology
Natural Science Electives*	8	or
		EDU130 Infants and Toddlers
Additional General Education Elective	0-3	EDU220 Child Development II
If needed to reach the Foundation minimum of 30-32		Natural Science Elective*
credits, take one course from the BCC General Education		Humanities Elective*
course list. If an additional course is not needed for that		Social Science Elective*
purpose, then the student may take a 3-credit free		
elective or no additional credit in this category.		Faculty Occuration
PROGRAM SUPPORT REQUIREMENTS	12	Fourth Semester EDU102 Inclusion and the Exceptional Child
Three general education courses (9 cr.) selected from the	9	EDU102 Inclusion and the Exceptional Child EDUXXX Supervised Field Work
following fields, with no more than two courses in any one field:	-	N . 10 . El .: *
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		11 20 51 0 4
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		Free Elective**
Religion (PHR); World Languages and Cultures (LAN)		The Elective
resigion (1 1114), world Edingdages and Salates (E. 114)		
One general education course (3 cr.) to be selected from	3	
the following fields: Economics (ECO); Geography (GEO);		
Political Science (POL); Psychology (PSY); Sociology (SOC)		
and Anthropology (ANT)		
		Specific Program Notes
PROGRAM REQUIREMENTS	18	*General Education Elective(s) – see page 1.
EDU101 Introduction to Education	3	†Recommended: PSY101 General Psychology
EDU102 Inclusion and the Exceptional Child	3	**Recommended: IST123 Success 101; EDU110
EDU1XX Educational Technology	3	Foundations of Multicultural Education
or EDU130 Infants and Toddlers	3	The following courses provide strong support for
EDU120 Child Development I	3	PRAXIS exam preparation, and choosing from this
EDU220Child Development II	3	list is strongly recommended: ANT100, ANT101,
EDUXXX Supervised Field Work Experience	3	BIO103 or BIO107, GEO101, HIS101, HIS102.
	-	HIS111, HIS112, HIS113, HIS114, LAN I and II
FREE ELECTIVES**	3-6	sequence, LIT101, LIT201, LIT203, LIT204, MAT130

Specific Program Notes, continued

TOTAL CREDITS

PRAXIS is a series of exams that qualifies students for teaching in the State of New Jersey. The PRAXIS II test measures basic skills in reading, writing, mathematics, and other areas of general knowledge. In addition to licensure, these tests are often used to prepare candidates for entry into a teacher education program.

65-66

SOC103.

or MAT150, POL101, PAY101, PSY106, SOC101,

Program: Professional Studies – Education Option		Pending State Approval
Degree: Associate in Science		
Code: AS.PS.EDU		
GENERAL EDUCATION REQUIREMENTS	30-32	RECOMMENDED SEMESTER SEQUENCE
Communication	9	First Semester
COM COM100 Speech Communication or	3	EDU101 Introduction to Education 3
COM102 Public Speaking		COM COM100 Speech Communication 3
WRT101 English Composition I	3	or COM102 Public Speaking
WRT201 English Composition II	3	MAT Mathematics Elective* 3-4
		Humanities Elective* 3
Humanities Electives*	6	WRT101 English Composition I 3
Two general education courses selected from the following		15-16
fields, with no more than one course in any one field:		
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second Semester
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		EDU102 Inclusion and the Exceptional Child 3
Religion (PHR); World Languages and Cultures (LAN)		PSY101 General Psychology 3
Casial Caianas Flastina*	•	WRT201 English Composition II 3
Social Science Elective*	3	Humanities Elective* 3
One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political		Social Science Elective* 3 General Education Elective*
Science (POL); Psychology (PSY); Sociology (SOC) and		General Education Elective* or 3
Anthropology (ANT)		Fron Floative**
Antinopology (AIVI)		Free Elective
Mathematics and Natural Sciences	11-12	10
Mathematics*	3-4	Third Semester
Natural Science Electives*	8	EDU1XX Educational Technology 3
		SOC103 Sociology of the Family 3
Additional General Education Elective	0-3	Natural Science Elective* 4
If needed to reach the Foundation minimum of 30-32		Humanities Elective* 3
credits, take one course from the BCC General Education		Social Science Elective* 3
course list. If an additional course is not needed for that		16
purpose, then the student may take a 3-credit free		
elective or no additional credit in this category.		Fourth Semester
		PSY106 Developmental Psychology 3
PROGRAM SUPPORT REQUIREMENTS	12	Natural Science Elective* 4
Three general education courses (9 cr.) selected from the	9	Humanities Electives* 6
following fields, with no more than two courses in any one field:		Free Elective** 3
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		16
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		
Religion (PHR); World Languages and Cultures (LAN)		
One personal advisation assume (2 on) to be calcuted from	2	
One general education course (3 cr.) to be selected from	3	
the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC)		
and Anthropology (ANT)		
and Antinopology (AiVI)		Specific Program Notes
PROGRAM REQUIREMENTS	18	*General Education Elective(s) – see page 1.
EDU101 Introduction to Education	3	**Recommended: IST123 Success 101; EDU110
EDU102 Inclusion and the Exceptional Child	3	Foundations of Multicultural Education
EDU1XX Educational Technology	3	
PSY101 General Psychology	3	The following courses provide strong support for
PSY106 Developmental Psychology	3	PRAXIS exam preparation, and choosing from this
SOC103 Sociology of the Family	3	list is strongly recommended: ANT100, ANT101,
	2.2	BIO103 or BIO107, GEO101, HIS101, HIS102,
FREE ELECTIVES**	3-6	HIS111, HIS112, HIS113, HIS114, LAN I and II
TOTAL CREDITS	CE CC	sequence, LIT101, LIT201, LIT203, LIT204, MAT130 or MAT150, POL101, SOC101.
TOTAL CREDITS	65-66	UI WAT 130, POL 101, SOC 101.

Specific Program Notes, continued

PRAXIS is a series of exams that qualifies students for teaching in the State of New Jersey. The PRAXIS II test measures basic skills in reading, writing, mathematics, and other areas of general knowledge. In addition to licensure, these tests are often used to prepare candidates for entry into a teacher education program.

Degree: Associate in Science Code: AS.PS.EXER **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 WEX159 Cardiopulmonary Resuscitation & 3 COM102 Public Speaking Emergency First Aid WRT101 English Composition I 3 WEX164 Exercise Science 3 WRT201 English Composition II 3 WRT101 English Composition I 3 MAT... Mathematics Elective* 3-4 6 Humanities Elective* **Humanities Electives*** 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and WEX182 Fitness Measurement 3 Religion (PHR); World Languages and Cultures (LAN). WEX184 Sports Medicine I - Theory 3 and Practice COM... 3 COM100 Speech Communication Social Science Elective* 3 One general education course selected from the following or COM102 Public Speaking WRT201 fields: Economics (ECO); Geography (GEO); Political English Composition II 3 Science (POL); Psychology (PSY); Sociology (SOC) and Social Science Elective* 3 General Education Elective* Anthropology (ANT). 3 or Free Elective** **Mathematics and Natural Sciences** 11-12 Mathematics* 18 3-4 Natural Science Electives* 8 Third Semester Additional General Education Elective* 0-3 WEX106 Nutrition for Exercise & Fitness 3 If needed to reach the Foundation minimum of 30-32 Natural Science Elective* 4 credits, take one course from the BCC General Education Humanities Elective* 6 course list. If an additional course is not needed for that Social Science Elective* 3 purpose, then the student must take a 3-credit free elective. 16 PROGRAM SUPPORT REQUIREMENTS 12 **Fourth Semester** Three general education courses (9 cr.) selected from the WEX183 Programs & Principles of 3 Conditioning following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Natural Science Elective* 4 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Humanities Electives* 6 Free Elective** Religion (PHR); World Languages and Cultures (LAN). 3 16 One general education course (3 cr.) to be selected from 3 the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). PROGRAM REQUIREMENTS 18 WEX159 Cardiopulmonary Resuscitation & Emergency First Aid 3 WEX164 Exercise Science 3 WEX182 Fitness Measurement 3 WEX184 Sports Medicine I - Theory and Practice 3 WEX106 Nutrition for Exercise & Fitness 3 WEX183 Programs & Principles of Conditioning 3 **FREE ELECTIVES**** 3-6 **TOTAL CREDITS** 65-66

Specific Program Notes

*General Education Elective(s) - see page 1.

Program: Professional Studies - Exercise Science Option

^{**}Recommended: IST123 Success 101 or another course recommended by the program concentration (may include WEX101 and other WEX 100-level courses).

Degree: Associate in Science Code: AS.PS.HSC **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 BIO109 Anatomy & Physiology I 4 MOA140 3 COM102 Public Speaking Medical Terminology WRT101 English Composition I 3 WRT101 English Composition I 3 WRT201 English Composition II 3 **Humanities Electives*** 6 16 **Humanities Electives*** 6 Two general education courses selected from the following Second Semester BIO209 fields, with no more than one course in any one field: Anatomy & Physiology II 4 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema HSC100 Cross-Cultural Healthcare 3 PSY101 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and General Psychology 3 Religion (PHR); World Languages and Cultures (LAN). WRT201 English Composition II 3 Humanities Elective* 3 Social Science Course: PSY101 General Psychology 3 16 **Mathematics and Natural Sciences** 11-12 **Third Semester** MAT150 Statistics I 3 HSC102/ Healthcare Ethics & Law 3 BIO109 Anatomy & Physiology I 4 LGL104 BIO209 Anatomy & Physiology II 4 HSC101/ Intro to Health Administration 3 BUS111 Additional General Education Elective* 3 SOC101 Sociology 3 MAT150 Statistics I 3 PROGRAM SUPPORT REQUIREMENTS 12 Humanities Elective* 3 Three general education courses (9 cr.) selected from the General Education Elective* 3 following fields, with no more than two courses in any one field: 18 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and **Fourth Semester** Religion (PHR); World Languages and Cultures (LAN). HSC200 Community Health 3 WEX106 Nutrition, Exercise, & Fitness 3 One general education course (3 cr.) in the Social Sciences: 3 COM... COM100 Speech Communication 3 SOC101 Sociology or COM102 Public Speaking **Humanities Elective*** 3 Free Elective** 3 PROGRAM REQUIREMENTS 18 15 HSC100 Cross-Cultural Healthcare 3 HSC102/LGL104 Healthcare Ethics & Law 3 HSC101/BUS111 Intro to Health Administration 3 **HSC200 Community Health** 3 MOA140 Medical Terminology 3 WEX106 Nutrition, Exercise, & Fitness 3 FREE ELECTIVE** 3 **TOTAL CREDITS** 65

Specific Program Notes

*General Education Elective(s) – see page 1.

Program: Professional Studies - Health Science Option

^{**}Recommended: IST123 Success 101 or another course recommended by the program director.

ASSOCIATE IN SCIENCE (A.S.) DEGREE PROFESSIONAL STUDIES PROGRAMS

Code: AS.PS.INFO		
GENERAL EDUCATION REQUIREMENTS	30-32	RECOMMENDED SEMESTER SEQUENCE
Communication	9	First Semester
COM COM100 Speech Communication or	3	INF101 Intro to Information Technology 3
COM102 Public Speaking		INF Programming Language 3
WRT101 English Composition I	3	Fundamentals Elective*
WRT201 English Composition II	3	MAT Mathematics Elective***† 3-4
		COM COM100 Speech Communication 3
Humanities Electives***	6	or COM102 Public Speaking
Two general education courses selected from the following		WRT101 English Composition I 3
fields, with no more than one course in any one field:		15-16
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		Second Semester
Religion (PHR); World Languages and Cultures (LAN).		BUS101 Introduction to Business 3
religion (1 1117), world Languages and Outdres (LAN).		INF Advanced Programming Language 3
Social Science Elective***	3	Elective**
One general education course selected from the following	•	WRT201 English Composition II 3
fields: Economics (ECO); Geography (GEO); Political		Humanities Elective* 6
Science (POL); Psychology (PSY); Sociology (SOC) and		General Education Elective***‡
Anthropology (ANT).		or 3
		Free Elective‡‡
Mathematics and Natural Sciences	11-12	18
Mathematics***†	3-4	
Natural Science Electives***	8	Third Semester
		INF Restricted INF Elective 3
Additional General Education Elective***	0-3	Natural Science Elective*** 4 Humanities Electives*** 6
If needed to reach the Foundation minimum of 30-32 credits, take one course from the BCC General Education		Casial Caianaa Flashii a***+++
course list. If an additional course is not needed for that		Social Science Elective 115
purpose, then the student must take a 3-credit free elective.		10
purpose, then the student must take a 5-ordan nee elective.		Fourth Semester
PROGRAM SUPPORT REQUIREMENTS	12	INF108 Systems Analysis & Design 3
Three general education courses (9 cr.) selected from the	9	Natural Science Elective*** 4
following fields, with no more than two courses in any one field:		Humanities Electives*** 3
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Social Science Elective*** 3
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		Free Elective‡‡ 3
Religion (PHR); World Languages and Cultures (LAN).		16
	•	
One general education course (3 cr.) to be selected from	3	On a Marian Nation
the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC)		Specific Program Notes *Programming Language Fundamentals Elective –
and Anthropology (ANT).		Select one: INF145, INF152, INF153.
and Antimopology (Autr).		**Advanced Programming Language Elective –
PROGRAM REQUIREMENTS	18	Select one: INF224, INF246, INF268.
INF101 Intro to Information Technology	3	***General Education Elective(s) – see page 1.
INF108 Systems Analysis & Design	3	†Recommended Mathematics Elective – Select one of
INF Programming Language Fundamentals Elective*	3	the following: MAT180, MAT223, or MAT280.
INF Advanced Programming Language Elective**	3	‡Recommended: MAT150 or MAT223.
INF Restricted INF Elective BUS101 Introduction to Business	3 3	‡‡Recommended: IST123 Success 101 or WEX101 Dynamics of Health and Fitness (2 credits) and a
DOS TOT IIII Oddetion to Dusiness	3	WEX Dynamics of Health and Fitness Experience
FREE ELECTIVES‡‡	3-6	course (1 credits).
	- •	tttRecommended: ECO101 Macroeconomics.
TOTAL CREDITS	65-66	♦INF Restricted Elective [courses cannot duplicate as
		Restricted Electives when selected as Programming
		Electives] – Select one: INF145, INF152, INF153,
		INF160, or INF217.

Program: Professional Studies – Information Technology Option

Degree: Associate in Science Code: AS.PS.JOUR **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 COM... COM100 Speech Communication 3 COM102 Public Speaking or COM102 Public Speaking WRT101 English Composition I 3 COM101 Mass Media of Communication 3 WRT201 English Composition II 3 MAT.. Mathematics Elective* 3-4 WRT101 English Composition I 3 **Humanities Electives*** 6 Humanities Elective* 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Introduction to Journalism COM201 3 Religion (PHR); World Languages and Cultures (LAN) WRT201 English Composition II 3 **Humanities Elective*** 3 Social Science Elective* Social Science Elective* 3 3 One general education course selected from the following General Education Elective* fields: Economics (ECO); Geography (GEO); Political 3 Science (POL); Psychology (PSY); Sociology (SOC) and Free Elective** Anthropology (ANT) 15 **Mathematics and Natural Sciences** 11-12 Third Semester Mathematics* 3-4 COM203 Print Journalism Production 3 Natural Science Electives* COM2XX 8 Copy Editing 3 or **Additional General Education Elective*** COM/INF140 Introduction to Multimedia 0-3 If needed to reach the Foundation minimum of 30-32 Natural Science Elective* 4 credits, take one course from the BCC General Education Humanities Elective* 3 course list. If an additional course is not needed for that Social Science Elective* 3 purpose, then the student must take a 3-credit free elective. 16 PROGRAM SUPPORT REQUIREMENTS 12 **Fourth Semester** Three general education courses (9 cr.) selected from the COM206 Writing for the Mass Media 3 **Public Relations** following fields, with no more than two courses in any one field: COM210 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 4 Natural Science Elective* Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Humanities Electives* 6 Religion (PHR); World Languages and Cultures (LAN) Free Elective** 3 19 One general education course (3 cr.) to be selected from 3 the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT) PROGRAM REQUIREMENTS 18 COM101 Mass Media of Communication COM201 Introduction to Journalism 3 COM203 Print Journalism Production 3 3 COM206 Writing for the Mass Media COM210 Public Relations 3 COM2XX Copy Editing 3 COM140/INF140 Introduction to Multimedia FREE ELECTIVES** 3-6

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) - see page 1.

Program: Professional Studies - Journalism Option

65-66

^{**}Recommended: IST123 Success 101; ART184 Digital Photography; or ART197 Computer Imaging.

	30-32	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	9	First Sem		
COM COM100 Speech Communication or	3	COM	COM100 Speech Communication	3
COM102 Public Speaking			or COM102 Public Speaking	
WRT101 English Composition I	3	MAT	Mathematics Elective*†	3-4
WRT201 English Composition II	3		Humanities Elective*	3
			Social Science Elective*	3
Humanities Electives*	6	WRT101	English Composition I	3
Two general education courses selected from the following				15-16
fields, with no more than one course in any one field:				
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second S		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		BUS101	Introduction to Business	_
Religion (PHR); World Languages and Cultures (LAN)			or	3
	_	BUS115	Intro to Nonprofit Organizations	
Social Science Elective*	3	ECO105	Labor Economics	3
One general education course selected from the following		HIS	Restricted History Elective‡	3
fields: Economics (ECO); Geography (GEO); Political			Natural Science Elective*	4
Science (POL); Psychology (PSY); Sociology (SOC) and		WRT201	English Composition II	3
Anthropology (ANT)				16
Mathematics and Natural Sciences	11-12	Third Sen	nostor	
Mathematics*†	3-4	HIS	Restricted History Elective‡	3
Natural Science Electives*	8	PHR111	Social & Political Philosophy	3
Natural Ocience Liectives	O	POL116	Labor Law	3
Additional General Education Elective	0-3		Natural Science Elective*	4
If needed to reach the Foundation minimum of 30-32	0-0		Free Elective‡‡‡	3
credits, take one course from the BCC General Education			Tree Elective+++	16
course list. If an additional course is not needed for that				- 10
purpose, then the student must take a 3-credit free elective.		Fourth Se	emester	
		LGL236	Employment Law‡‡	2
PROGRAM SUPPORT REQUIREMENTS	12	POL104	State & Local Government	3
Two Restricted Electives in History (HIS)‡	6	POL122	Collective Bargaining	3
PHR111 Social & Political Philosophy	3	PSY109	Industrial Psychology	3
POL104 State & Local Government	3		Humanities Elective*	3
			General Education Elective*	
PROGRAM REQUIREMENTS	17		or	3
BUS101 Introduction to Business			Free Elective‡‡‡	
or	3			17
BUS115 Intro to Nonprofit Organizations				-
ECO105 Labor Economics	3			
LGL236 Employment Law‡‡	2			
	3			
POL116 Labor Law	•			
POL116 Labor Law POL122 Collective Bargaining	3			
POL116 Labor Law	3 3			

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1.

Program: Professional Studies - Labor Studies Option

†Choose a 3- or 4-credit General Education course in Mathematics – see page 1. MAT223 is recommended for students who wish to pursue degrees after they transfer in Business or in Human Resources and Employment Relations Management. The sequence of MAT150 and MAT250 is recommended for students who wish to pursue degrees after they transfer in research areas of the Social Sciences.

64-65

‡Choose a General Education History course from the following: HIS112, HIS113, HIS114, HIS116

‡‡LGL101 is a prerequisite for LGL236. If a student does not complete LGL101 as a free elective, then this prerequisite may be waived by special permission from the Academic Department Chair of Legal and Related Studies ‡‡‡Recommended: IST123 Success 101 or BUS208 Human Resources Management.

Code: AS.PS.SOC.WK **GENERAL EDUCATION REQUIREMENTS** 30-32 Communication COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 **Humanities Electives*** 6 Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN) Social Science: SOC101 Sociology 3 11-12 **Mathematics and Natural Sciences** Mathematics* 3-4 Natural Science Electives* 8 **Additional General Education Elective*** 0-3 If needed to reach the Foundation minimum of 30-32 credits, one of the general education courses listed below under "Program Requirements" can be applied here. PROGRAM SUPPORT REQUIREMENTS 12 Humanities Electives - three general education 9 courses to be selected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN) Social Science: PSY101 General Psychology 3 PROGRAM REQUIREMENTS 15-18 PSY102 Intro to Abnormal Psychology 3 SOC102 Introduction to Human Services 3 SOC103 Sociology of the Family 3 SOC113 Social Problems 3 SOC222 Ethnic & Minority Group Relations 3 SOC121 Changing Roles if Women SOC463 Co-op Work Experience (Sociology) 3 **FREE ELECTIVES**** 3-6 **TOTAL CREDITS** 64-66

Program: Professional Studies - Social Work Option

Degree: Associate in Science

RECOMMENDED SEMESTER SEQUENCE

First Semester

MAT	Mathematics Elective*	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
	Humanities Elective*	3
SOC101	Sociology	3
		15-16

Second Semester

WRT201	English Composition II	3
	Humanities Elective*	3
PSY101	General Psychology	3
SOC102	Introduction to Human Services	3
SOC103	Sociology of the Family	3
		15

Third Semester

PSY102	Intro to Abnormal Psychology	3
SOC113	Social Problems	3
SOC463	Co-op Work Experience (Sociology)	3
	Natural Science Elective*	4
	Humanities Elective*	3
		16

Fourth Semester

1 Gartii Gc	11100101	
SOC222	Ethnic & Minority Group Relations	
	or	3
SOC121	Changing Roles if Women	
	Natural Science Elective*	4
	Humanities Electives*	6
	Free Electives**	3-6
		16-19

Specific Program Notes

*General Education Elective(s) – see page 1.

^{**}Recommended: IST123 Success 101 or another Social Science elective.

AFA Degree Programs

Curriculum Requirements

Degree: Associate in Fine Arts

Code: AFA

Associate in Fine Arts (AFA) degree programs are designed as transfer programs leading eventually to the Bachelor of Music or Bachelor of Fine Arts degree at the four-year college/university level.

To receive the Associate in FINE ARTS (AFA) degree, a student must earn a minimum of 64 credits and complete all courses and specific requirements listed within the student's chosen curriculum. Each AFA curriculum must contain the following general education and other program requirements:*

Area of Study	Credits	Course Description
Communication	6	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) or WRT202 Technical Writing (3 cr.)
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics, Natural Sciences, and Technology	3-4	One general education course (3-4 cr.) to be selected from the following fields: Mathematics (MAT) Computer Science (CIS) Information Technology (INF) Biology (BIO) Chemistry (CHM) Physics (PHY)
Unassigned General Education Credits	3	To be assigned in accordance with the needs of the program.
Total GE Credits:	21-22	
Other Requirements	38-45	Restricted Program Requirements and Program Support Requirements.
Free Electives	0-6	Programs can make recommendations in footnotes.
Total Credits	64-66	

16

Degree: Associate in Fine Arts Code: AFA.MUSC.BUS **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I MUS131 Class Piano I 2 3 WRT... WRT201 English Composition II or Introduction to the Music Business 3 MUS152 3 WRT202 Technical Writing MUS163 Careers in Music 3 Applied Music I* MUA1.. 1 **Humanities Electives*** 6 Performance Ensemble I** 1 MUS1.. Two general education courses selected from the following Humanities Elective***† 3 fields, with no more than one course in any one field: WRT101 English Composition I 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 16 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). Second Semester MUS231 Class Piano II 2 **Social Science Course** 3 MUA2. Applied Music II* 1 **ECO101 Macroeconomics** 3 MUS2. Performance Ensemble II** 1 BUS101 Introduction to Business 3 MAT... Mathematics Elective*** Mathematics, Natural Science, & Technology 3-4 WRT 201 English Composition II or MAT... Mathematics Elective*** 3-4 WRT... 3 WRT 202 Technical Writing Additional General Education Elective:*** 3 Humanities Elective*** 3 16-17 PROGRAM REQUIREMENTS 41 MUA1... Applied Music I* **Third Semester** MUA2... Applied Music II, III, & IV (1, 1, 1 cr.)* MUS132 Music Theory I 2 3 MUS1... Performance Ensemble I** MUS134 Ear Training & Musicianship 2 1 MUS2... Performance Ensemble II, III, & IV (1, 1, 1 cr.)** 3 MUS241 Class Piano III 2 MUS252 Music in the Marketplace MUS131 Class Piano I 2 3 MUS231 241, 242 Class Piano II, III, & IV (2, 2, 2 cr.) 6 MUA2.. Applied Music III* 1 MUS132 Music Theory I 2 MUS2. Performance Ensemble III* 1 MUS232 Music Theory II 2 ECO101 Macroeconomics 3 MUS134 Ear Training & Musicianship I 2 General Education Elective*** 3 2 MUS234 Ear Training & Musicianship II 17 MUS152 Introduction to the Music Business 3 MUS163 Careers in Music 3 **Fourth Semester** Music Theory II MUS252 Music in the Marketplace 3 MUS232 2 MUS262 Concert Promotion & Production 2 3 MUS234 Ear Training & Musicianship II MUS/MUA... Music or Applied Music Electives‡ 5 MUS242 Class Piano IV 2 MUS262 Concert Promotion & Production 3 PROGRAM SUPPORT REQUIREMENTS MUA2. Applied Music IV* 3 1 Performance Ensemble IV** **BUS101 Introduction to Business** MUS2 3 1 Music (MUS) or Applied Music 5 (MUA) Electives±

Specific Program Notes

TOTAL CREDITS

Program: Music - Music Business Option

*Applied music courses include half-hour private lessons with an instructor in Bass (MUA101, MUA231, MUA232, MUA233); Guitar (MUA102, MUA234, MUA235, MUA236); Percussion (MUA103, MUA237, MUA238, MUA239); Piano (MUA104, MUA240, MUA241, MUA242); Strings (MUA105, MUA243, MUA244, MUA245); Voice (MUA106, MUA246, MUA247, MUA248); or Woodwinds/Brass (MUA107, MUA249, MUA250, MUA251).

65-66

Performance ensembles include Chamber Ensemble (MUS125, MUS258, MUS259, MUS260); Chorus (MUS121, MUS255, MUS256, MUS257); Jazz Ensemble (MUS140, MUS246, MUS247, MUS249); and Pop/Rock Ensemble (MUS120, MUS220, MUS221, MUS222). *General Education Elective(s) – see page 1.

†Music courses that may fulfill 3 credits of the humanities requirement are: MUS101 Music Appreciation; MUS107 History of Western Music Before 1750; MUS108 History of Western Music After 1750; MUS109 History of Musical Theatre; MUS110 Music Art & Drama. ‡Recommended music electives: MUS119 Songwriting Workshop; MUS150 Intro to MIDI Sequencing & Synthesis; MUS151 Intro to Digital Audio Recording; or any combination of MUS or MUA classes and/or ensembles totaling at least 2 credits. MUS103 Fundamentals of Music is recommended for students with no or minimal music theory background prior to taking MUS132 and MUS133.

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

Program: Music – Music Technology Option				
Degree: Associate in Fine Arts Code: AFA.MUSC.TECH				
		5500111		
GENERAL EDUCATION REQUIREMENTS	22	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Sem		
WRT101 English Composition I	3	MUS131	Class Piano I	2
WRT WRT201 English Composition II or	3	MUS132	Music Theory I	2
WRT202 Technical Writing		MUS134	Ear Training & Musicianship I	2
		MUS151	Intro to Digital Audio Recording	3
Humanities Electives**	6	MUA1	Applied Music I*	1
Two general education courses selected from the following		PHY185	Introduction to Physics	4
fields, with no more than one course in any one field:		WRT101	English Composition I	3
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema				17
Studies [CIN]); History (HIS); Literature (LIT); Philosophy				
and Religion (PHR); World Languages and Cultures (LAN).		Second S	emester	
		MUS231	Class Piano II	2
Social Science Elective**	3	MUS232	Music Theory II	2
One general education course selected from the following		MUS234	Ear Training & Musicianship II	2
fields: Economics (ECO); Geography (GEO); Political		MUS251	Studio Recording Techniques	3
Science (POL); Psychology (PSY); Sociology (SOC) and		MUA2	Applied Music II*	1
Anthropology (ANT).		WRT	WRT 201 English Composition II or	3
			WRT 202 Technical Writing	
Mathematics, Natural Science, & Technology	4		Humanities Elective**†	3
PHY185 Introduction to Physics	4			16
Additional General Education Elective:*	3	Third Sen		
		MUS150	Intro to MIDI Sequencing &	3
PROGRAM REQUIREMENTS	36-37		Synthesis	
MUA1 Applied Music I*	1	MUS261	Advanced Studio Recording	3
MUA2 Applied Music II*	1	MUS1	Performance Ensemble I***	1_
MUS131, 231 Class Piano I and II	2, 2		Music (MUS) or Applied Music	2-3
MUS132, 232 Music Theory I and II	2, 2		(MUA) Electives‡	
MUS134 Ear Training & Musicianship I	2		Humanities Elective**	3
MUS150 Intro to MIDI Sequencing & Synthesis	3		Free Elective‡‡	3
MUS151 Intro to Digital Audio Recording	3			15-16
MUS234 Ear Training & Musicianship II	2			
MUS250 Electronic Music Composition	3	Fourth Se		
MUS251 Studio Recording Techniques	3	MUS250	Electronic Music Composition	3
MUS261 Advanced Studio Recording	3	MUS262	Concert Promotion & Production	3
MUS262 Concert Promotion & Production	3	MUS2	Performance Ensemble II***	1
MUS1 Performance Ensemble I***	1		Social Science Elective**	3
MUS2 Performance Ensemble II***	1		General Education Elective**	3
MUS/MUA Music or Applied Music Elective‡	2-3		Free Elective‡‡	3
				16
FREE ELECTIVES‡‡	6			

Specific Program Notes

TOTAL CREDITS

*Applied music courses include half-hour private lessons with an instructor in Bass (MUA101, MUA231, MUA232, MUA233); Guitar (MUA102, MUA234, MUA235, MUA236); Percussion (MUA103, MUA237, MUA238, MUA239); Piano (MUA104, MUA240, MUA241, MUA242); Strings (MUA105, MUA243, MUA244, MUA245); Voice (MUA106, MUA246, MUA247, MUA248); or Woodwinds/Brass (MUA107, MUA249, MUA250, MUA251).

64-65

**General Education Elective(s) – see page 1.

***Performance ensembles include Chamber Ensemble (MUS125, MUS258, MUS259, MUS260); Chorus (MUS121, MUS255, MUS256, MUS257); Jazz Ensemble (MUS140, MUS246, MUS247, MUS249); and Pop/Rock Ensemble (MUS120, MUS220, MUS221, MUS222). †Music courses that may fulfill 3 credits of the humanities requirement are: MUS101 Music Appreciation; MUS107 History of Western Music Before 1750; MUS108 History of Western Music After 1750; MUS109 History of Musical Theatre; MUS110 Music Art & Drama.

‡Recommended music electives: MUS152 Intro to the Music Business; MUŚ163 Careers in Music; any combination of MUA classes and/or ensembles totaling at least 2 credits. MUS103 Fundamentals of Music is recommended for students with no or minimal music theory background prior to taking MUS132 and MUS133.

‡‡Recommended free electives: COM102 Public Speaking; COM105 Radio Production; COM106 TV Production; COM111 Video Post Production; COM207 TV Production II; MUS252 Music In the Marketplace.

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

AAS Programs - Basic Structure*

Curriculum Requirements

Degree: Associate in Applied Science

Code: AAS

Associate in Applied Science (AAS) degree programs are designed to prepare students for employment in their chosen fields of endeavor. Such programs are not designed to prepare students for transfer into bachelor's degree programs in four-year colleges and universities although some such programs may have transfer agreements with select four-year schools for graduates wishing to continue their education at the bachelor's degree level.

Career programs leading to the AAS degree are organized according to the following categories: Art, Business Administration, Business Technologies, Human Services, and Music.

To receive the Associate in Applied Science (AAS) degree, a student must earn a minimum of 64 credits and complete all courses and specific requirements listed within the student's chosen curriculum. Each AAS curriculum must contain the following general education and other program requirements:*

Area of Study	Credits	Course Description
Communication	6	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) or WRT202 Technical Writing (3 cr.)
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics, Natural Sciences, and Technology	3-4	One general education course (3-4 cr.) to be selected from the following fields: Mathematics (MAT) Computer Science (CIS) Information Technology (INF) Biology (BIO) Chemistry (CHM) Physics (PHY)
Unassigned General Education Credits	3	To be assigned in accordance with the needs of the program.
Total GE Credits:	21-22	
Other Requirements	38-45	Restricted Program Requirements and Program Support Requirements.
Free Electives	0-6	Programs can make recommendations in footnotes.
Total Credits	64-66	Note: Some AAS programs require more than 66 credits for licensing/accreditation purposes.

^{*}AAS degree programs in Health Professions and Career Technologies have a different requirement structure than do "Basic Structure" AAS programs. See page 79, below.

Degree: Associate in Applied Science Code: AAS.ART.ANIM **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I ART105 History of Animation* 3 3 WRT... WRT201 English Composition II or Two-Dimensional Design 3 ART122 3 WRT202 Technical Writing ART189 Computer 2D Illustration 3 ART197 Computer Imaging 3 **Humanities Electives**** 6 **WRT101** English Composition I 3 Two general education courses selected from the following 15 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy ART123 Life Drawing I and Religion (PHR); World Languages and Cultures (LAN). 3 **ART124 Drawing Fundamentals** Social Science Elective** 3 ART192 Computer 3D Animation I 3 One general education course selected from the following MUS151 Introduction to Audio Recording 3 fields: Economics (ECO); Geography (GEO); Political WRT201 English Composition II WRT... 3 Science (POL); Psychology (PSY); Sociology (SOC) and or WRT202 Technical Writing Anthropology (ANT). Math/Computer Science/Natural 3-4 Science/Technology Elective** Mathematics, Natural Science, & Technology** 15-16 3-4 One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) Third Semester Information Technology (INF); Biology (BIO); Chemistry (CHM); ART290 Computer 2D Animation I 3 Physics (PHY). ART293 Computer 3D Animation II 3 ART. Studio Art Elective*** 3 **Additional General Education Course:** 3 CIN/THR140 Introduction to the Cinema 3 CIN140/THR140 Introduction to the Cinema 3 Humanities Elective* 3 Social Science Elective** 3 PROGRAM REQUIREMENTS 44 18 ART105 History of Animation* 3 ART122 Two-Dimensional Design 3 **Fourth Semester** ART123 Life Drawing I ART261 Computer 2D Animation II 3 3 ART271 Portfolio Presentation 2 **ART124 Drawing Fundamentals** ART298 Interactive Multimedia 3 ART189 Computer 2D Illustration 3 ART... Studio Art Elective*** ART192 Computer 3D Animation I 3 3 3 ART261 Computer 2D Animation II ART463 Co-Op Work Experience [ART] ART290 Computer 2D Animation I 3 CIN150 Special Topics in Cinema I**** 3 ART293 Computer 3D Animation II 3 Humanities Elective** 3 ART197 Computer Imaging 3 17 ART271 Portfolio Presentation 2 ART298 Interactive Multimedia 3 ART... Studio Art Elective 3 ART... Studio Art Elective 3 ART463 Co-Op Work Experience [ART] CIN150 Special Topics in Cinema I 3

Specific Program Notes

TOTAL CREDITS

*As an alternative to ART105 History of Animation, students may take CIN150 Special Topics in Cinema I whenever the Special Topic is History of Animation.

3

65-66

**General Education Elective(s) - see page 1.

MUS151 Introduction to Audio Recording

Program: Art - Computer Animation

***Studio Art Electives: ART123, ART124, ART127, ART181, ART184, ART192, ART189, ART197, ART223, ART226, ART228, ART229, ART259, ART260, ART281, ART287, ART288, ART290, ART291, ART292, ART298.

****Any topic other than History of Animation.

Students enrolled in this program **ARE REQUIRED to** successfully complete a course in basic algebra if indicated by Placement Testing.

GENERAL EDUCATION REQUIREMENTS	21-22	RECOMMENDED SEMESTER SEQUENCE		
Communication	6	First Semester		
WRT101 English Composition I	3	ART122	Two-Dimensional Design	3
WRT WRT201 English Composition II or	3	ART123	Life Drawing I	
WRT202 Technical Writing			or	3
		ART124	Drawing Fundamentals	
Humanities Electives**	6	ART189	Computer 2D Illustration	3
Two general education courses selected from the following		ART197	Computer Imaging	3
ields, with no more than one course in any one field:		WRT101	English Composition I	3
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema				15
studies [CIN]); History (HIS); Literature (LIT); Philosophy				
nd Religion (PHR); World Languages and Cultures (LAN).		Second S		
		ART226	Letterform and Type	3
ocial Science Elective**	3	ART259	Computer Graphics for the Web	3
One general education course selected from the following			Developer	
elds: Economics (ECO); Geography (GEO); Political		ART	Art History Elective*	3
Science (POL); Psychology (PSY); Sociology (SOC) and		WRT	WRT201 English Composition II	3
nthropology (ANT).			or WRT202 Technical Writing	
-ththN-tl O-l O Tll			Math/Computer Science/Natural	3-4
athematics, Natural Science, & Technology** ne general education course to be selected from the	3-4		Science/Technology Elective**	45.40
				15-16
lowing fields: Mathematics (MAT); Computer Science (CIS) formation Technology (INF); Biology (BIO); Chemistry (CHN		Third Con		
nysics (PHY).	/I),	Third Sen	Graphic Design I	3
nysics (PHT).		ART287	Computer Layout I	3
dditional General Education Course:	3	ART	Studio Art Electives***	6
RT Art History Elective*	3		Humanities Elective**	3
IXI Alt History Elective	3		Social Science Elective**	3
ROGRAM REQUIREMENTS	44		Social Science Elective	18
RT122 Two-Dimensional Design	3			10
RT123 Life Drawing I		Fourth Se	mostor	
Or	3	ART261	Graphic Design II	3
RT124 Drawing Fundamentals	3	ART288	Computer Layout II	3
RT189 Computer 2D Illustration	3	ART271	Portfolio Presentation	2
RT197 Computer Imaging	3	ART	Studio Art Elective***	3
RT226 Letterform and Type	3	ART	Studio Art Elective Studio Art Elective***	
RT259 Computer Graphics for the Web Developer	3	74(1	Or	3
RT260 Graphic Design I	3	ART463	Co-Op Work Experience [ART]	·
ART261 Graphic Design II	3		Humanities Elective**	3
ART287 Computer Layout I	3			17
ART288 Computer Layout II	3	L		
ART271 Portfolio Presentation	2			
	9			
ART Studio Art Electives*** ART Studio Art Elective***	9			

TOTAL CREDITS 65-66

Specific Program Notes
*General Education Humanities Electives in Art History: ART102, ART103, ART104, ART107, ART110.

**General Education Elective(s) – see page 1.

ART463 Co-Op Work Experience [ART]

***Studio Art Electives: ART123, ART124, ART127, ART181, ART184, ART192, ART189, ART197, ART223, ART226, ART228, ART229, ART259, ART260, ART281, ART287, ART288, ART290, ART291, ART292, ART298.

3

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN BUSINESS ADMINISTRATION

Degree: Associate in Applied Science Code: AAS.BUS.ACCT **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I ACC110 Financial Accounting 3 3 WRT... WRT201 English Composition II or 3 ACC120 Computerized Accounting 3 WRT202 Technical Writing BUS101 Introduction to Business 3 INF114 3 Microsoft Office **Humanities Electives* WRT101** English Composition I 6 3 Two general education courses selected from the following 15 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy Managerial Accounting ACC210 3 and Religion (PHR); World Languages and Cultures (LAN). **BUS233** Business Law 3 3 ECO101 Macroeconomics Social Science Course: ECO101 Macroeconomics 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking Mathematics, Natural Science, & Technology WRT... WRT201 English Composition II 3 3-4 MAT... Mathematics Elective† or WRT202 Technical Writing **Humanities Elective*** 3 **Additional General Education Course:** 3 18 COM... COM100 Speech Communication or COM102 Public Speaking Third Semester Intermediate Accounting I 3 ACC202 **PROGRAM REQUIREMENTS** Restricted Accounting Elective** 43 ACC... 3 **ACC110 Financial Accounting** 3 Restricted Business Elective*** 3 ACC120 Computerized Accounting 3 BNF201 Principles of Finance 3 ACC202 Intermediate Accounting I MAT.. Mathematics Elective*† 3 3-4 ACC203 Intermediate Accounting II 3 15-16 ACC210 Managerial Accounting 3 ACC215 Special Topics in Accounting 3 **Fourth Semester** Intermediate Accounting II ACC... Restricted Accounting Electives± 6 ACC203 3 BNF201 Principles of Finance 3 ACC215 Special Topics in Accounting 3 **BUS101 Introduction to Business** 3 ACC.. Restricted Accounting Elective* 3 BUS233 Business Law I 3 Restricted Business Elective*** 3 Restricted Business Electives‡ 6 **INF228** Excel for Problem Solving 1 3 INF114 Microsoft Office 3 **Humanities Elective*** INF228 Excel for Problem Solving 16 1

Specific Program Notes

TOTAL CREDITS

- *General Education Course List see page 1.
- **Select ACC107, ACC115, or ACC463.
- ***Select from BNF102, BNF202, BNF203, BUS234, BUS207, BUS170, BUS201, BUS205, BUS116, BUS262.
- †Select MAT150, MAT155, MAT180, or MAT223.

Program: Business Administration - Accounting

Note: Students interested in transferring to a four-year institution should refer to AS.PS.BUS.ACCT.

Students enrolled in this program **ARE REQUIRED to** successfully complete a course in basic algebra if indicated by Placement Testing.

65-66

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN BUSINESS ADMINISTRATION

Degree: Associate in Applied Science Code: AAS.BUS.BANK **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I ACC110 Financial Accounting 3 3 WRT... WRT201 English Composition II or 3 BNF101 Principles of Banking 3 WRT202 Technical Writing BUS101 Introduction to Business 3 **BUS103 Business Mathematics** 3 **Humanities Electives*** 6 WRT101 English Composition I 3 Two general education courses selected from the following 15 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy Managerial Accounting ACC210 3 and Religion (PHR); World Languages and Cultures (LAN). INF101 Intro to Information Technology 3 3 ECO101 Macroeconomics Social Science Course: ECO101 Macroeconomics 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking Mathematics, Natural Science, & Technology WRT... WRT201 English Composition II 3 3-4 MAT... Mathematics Elective*† or WRT202 Technical Writing 15 **Additional General Education Course:** 3 COM... COM100 Speech Communication or Third Semester COM102 Public Speaking BNF201 Principles of Finance 3 **BNF203** Cash Management 3 **PROGRAM REQUIREMENTS** 39 **BUS233** Business Law I 3 3 **ACC110 Financial Accounting** Humanities Elective' 3 ACC210 Managerial Accounting 3 MAT Mathematics Electivet 3-4 **BNF101** Principles of Banking 3 15-16 BNF201 Principles of Finance 3 **BNF202** Asset Management 3 **Fourth Semester** Asset Management BNF203 Cash Management 3 BNF202 3 **BNF208 International Finance** 3 BNF208 International Finance 3 **BUS101 Introduction to Business** 3 3 Restricted Business Elective I** Restricted Business Elective II*** **BUS103 Business Mathematics** 3 3 BUS233 Business Law I 3 Humanities Elective* 3 3 Free Elective(s) Restricted Business Elective I** 4 Restricted Business Elective II*** 3 19 INF101 Intro to Information Technology 3 FREE ELECTIVE(s) 4 **TOTAL CREDITS** 64-65

Specific Program Notes

*General Education Course List - see page 1.

Program: Business Administration - Banking and Finance

†Select MAT150, MAT155, or MAT223.

Students enrolled in this program **ARE REQUIRED to** successfully complete a course in basic algebra if indicated by Placement Testing.

^{**}Select BNF102, BUS201, or BUS207.

^{***}Select fBNF463, BNF207, BUS234, or BUS262.

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN BUSINESS ADMINISTRATION

Degree: Associate in Applied Science Code: AAS.BUS.e-BUS.MGMT **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I BUS101 Introduction to Business 3 3 WRT... WRT201 English Composition II or 3 INF114 Microsoft Office 3 WRT202 Technical Writing INF163 Internet Concepts & Applications 3 MAT.. Mathematics Elective' 3-4 **Humanities Electives**** 6 WRT101 English Composition I 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema **Second Semester** Studies [CIN]); History (HIS); Literature (LIT); Philosophy Financial Accounting ACC110 3 and Religion (PHR); World Languages and Cultures (LAN). **BUS107** e-Tailing 3 BUS104 3 **Customer Service** Social Science Course: ECO101 Macroeconomics 3 **BUS105 Business Communications** 3 **INF146** Web Development 3 WRT... WRT201 English Composition II Mathematics, Natural Science, & Technology 3 3-4 MAT... Mathematics Elective* or WRT202 Technical Writing 18 **Additional General Education Course:** 3 COM... COM100 Speech Communication or **Third Semester** COM102 Public Speaking ACC210 Managerial Accounting 3 e-Marketing BUS210 3 **BUS205** Entrepreneurship **PROGRAM REQUIREMENTS** 3 43 **ACC110 Financial Accounting** 3 **BUS110** Transportation Logistics and ACC210 Managerial Accounting 3 Supply Chain Management **BUS101 Introduction to Business** 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **BUS104 Customer Service** 3 **BUS105 Business Communications** 3 Humanities Elective** 3 BUS107 e-Tailing 3 15 **BUS205** Entrepreneurship 3 **Fourth Semester** or **BUS110 Transportation Logistics and Supply Chain Management BUS207** Principles of Management 3 **BUS207** Principles of Management 3 BUS211 Internet Law 3 BUS210 e-Marketing 3 BUS271 3 e-Commerce **BUS211 Internet Law** 3 INF228 Excel for Problem Solving 1 ECO101 BUS271 e-Commerce 3 Macroeconomics 3 **INF114 Microsoft Office** 3 Humanities Elective** 3 INF146 Web Development 3 16

Specific Program Notes

TOTAL CREDITS

Program: Business Administration - e-Business Management

INF163 Internet Concepts & Applications

INF228 Excel for Problem Solving

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

3

1

64-65

^{*}Select one of the following: MAT150, MAT155, MAT180, or MAT223.
**General Education Elective(s) – see page 1.

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE | CAREER PROGRAMS IN BUSINESS ADMINISTRATION

Program: Business Administration - Management Information Systems Degree: Associate in Applied Science

Code: AAS.BUS.INFO.SYS

GENERAL EDUCATION REQUIREMENTS	21-22
Communication	6
WRT101 English Composition I	3
WRT WRT201 English Composition II or	3
WRT202 Technical Writing	
Humanities Electives*** Two general education courses selected from the following	6
fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	
Social Science Course: ECO101 Macroeconomics	3
Mathematics, Natural Science, & Technology* MAT Mathematics Elective†	3-4
Additional General Education Course:	3
COM COM100 Speech Communication or	
COM102 Public Speaking	

PROGRAM REQUIREMENTS	43
ACC110 Financial Accounting	3
ACC210 Managerial Accounting	3
BUS101 Introduction to Business	3
BUS201 Marketing Principles	3
BUS207 Principles of Management	3
BUS271 e-Commerce	
or	3
BUS210 e-Marketing	
INF Programming Language Fundamentals Elective	3
INF Advanced Programming Language Elective	3
INF101 Intro to Information Technology	3
INF114 Microsoft Office	3
INF160 Networking Technologies and	3
Data Communications	
INF208 Systems Analysis and Design‡‡	3
INF217 Database for Applications [Oracle]	3
INF228 Excel for Problem Solving	1
Restricted Elective‡	3

RECOMMENDED SEMESTER SEQUENCE

First Semester

BUS101	Introduction to Business	3
INF101	Intro to Information Technology	3
INF	Programming Language	3
	Fundamentals Elective*	
MAT	Mathematics Elective†	3-4
WRT101	English Composition I	3
		15-16

Second Semester

ACC110	Financial Accounting	3
BUS207	Principles of Management	3
INF	Advanced Programming Language Elective**	3
INF114	Microsoft Office	3
WRT	WRT201 English Composition II or WRT202 Technical Writing	3
ECO101	Macroeconomics	3
		18

Third Semester

ACC210	Managerial Accounting	3
BUS201	Marketing Principles	3
INF217	Database for Applications [Oracle]	3
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
	Humanities Elective***	3
		15

Fourth Semester

	Restricted Elective‡		3
BUS271	e-Commerce		
	or		3
BUS210	e-Marketing		
INF160	Networking Technologies and		3
	Data Communications		
INF208	Systems Analysis and Design‡‡		3
INF228	Excel for Problem Solving	1	
	Humanities Elective***		3
			16

Specific Program Notes

TOTAL CREDITS

- *Programming Language Fundamentals Elective INF145, INF152, INF153. **Advanced Programming Language Elective INF224, INF246, INF268.
- ***General Education Elective(s) see page 1.
- †Select one of the following: MAT150, MAT155, MAT180, or MAT223.
- ‡Select one of the following: BUS263, ACC120, ACC202, BNF201, BUS105, BUS110, BUS233, BUS262 ‡‡This course is offered only during the spring semester.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE | CAREER PROGRAMS IN BUSINESS ADMINISTRATION

Program: Business Administration - Publishing Operations and Management Degree: Associate in Applied Science

Code: AAS.BUS.PUB

GENERAL EDUCATION REQUIREMENTS	21-22
Communication WRT101 English Composition I	6 3
WRT WRT201 English Composition II or WRT202 Technical Writing	3
Humanities Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	6
Social Science Course: ECO101 Macroeconomics	3
Mathematics, Natural Science, & Technology* MAT150 Statistics I	3-4 3
Additional General Education Course:	3
COM COM100 Speech Communication or COM102 Public Speaking	

PROGRAM REQUIREMENTS	44
ACC110 Financial Accounting	3
ACC210 Managerial Accounting	3
ART122 Two-Dimensional Design	3
BUS101 Introduction to Business	3
BUS1XX Principles of Publishing Operations	3
BUS105 Business Communications	3
BUS120 Social Networking in Business	3
BUS201 Marketing Principles	3
BUS Restricted Business Elective**	3
COM110 Print Journalism Production	3
COM201 Introduction to Journalism	3
COM2XX Copy Editing	3
INF119 Document Processing with Microsoft Word	3
INF124 Microsoft Excel	1
WRT2XX Writing for Professional Purposes	3
WRT2XX Reference and Citation Integrity	1
TOTAL CREDITS	65

RECOMMENDED SEMESTER SEQUENCE

First Semester

ACC110	Financial Accounting	3
BUS101	Introduction to Business	3
BUS1XX	Principles of Publishing Operations	3
INF119	Document Processing with MS Word	3
INF124	Microsoft Excel	1
WRT101	English Composition I	3
		16

Second Semester

ACC210	Managerial Accounting	3
BUS105	Business Communications	3
COM201	Introduction to Journalism	3
WRT	WRT201 English Composition II	3
	or WRT202 Technical Writing	
WRT2XX	Writing for Professional Purposes	3
WRT2XX	Reference and Citation Integrity	1
		16

Third Semester

ART122	Two-Dimensional Design	3
BUS120	Social Networking in Business	3
BUS201	Marketing Principles	3
COM2XX	Copy Editing	3
MAT150	Statistics I	3
	Humanities Elective*	3
		18

Fourth Semester

BUS	Restricted Business Elective**	3
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
COM110	Print Journalism Production	3
ECO101	Macroeconomics	3
	Humanities Elective*	3
		15

Specific Program Notes

^{*}General Education Elective(s) – see page 1.
**Restricted Business Electives: BUS463 Co-op; BUS104 Customer Service; BUS207 Principles of Management; BUS110 Transportation;, Logistics, and Supply Chain Management; BUS210 e-Marketing; BUS250 Advertising.

Program: Business Technologies - Hotel/Restaurant/Hospitality - General

Degree: Associate in Applied Science

Code: AAS.BT.HR.GEN

Business Technologies, Hotel/Restaurant/Hospitality – General Students interested in Hotel/Restaurant/Hospitality and related studies, but are not certain in which specific area they wish to specialize, should enroll in this program.

GENERAL EDUCATION REQUIREMENTS	21-22	RECOMMENDED SEMESTER SEQUENCE	
Communication	6	First Semester	
WRT101 English Composition I	3	BUS101 Introduction to Business	3
WRT WRT201 English Composition II or	3	HRM101 Intro to Hospitality Management	3
WRT202 Technical Writing		HRM102 Food Protection and Safety	3
<u>-</u>		HRM103 Professional Food Preparation	3
Humanities Electives***	6	Techniques	
Two general education courses selected from the following		HRM106 Menu Planning and Nutrition	1
fields, with no more than one course in any one field:		WEX163 Nutrition Today	3
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema			16
Studies [CIN]); History (HIS); Literature (LIT); Philosophy			
and Religion (PHR); World Languages and Cultures (LAN).		Second Semester	
		BUS103 Business Mathematics	3
Social Science Elective***	3	Hotel/Restaurant/Hospitality	5
One general education course selected from the following		Electives*	
fields: Economics (ECO); Geography (GEO); Political		Restricted Electives**	6
Science (POL); Psychology (PSY); Sociology (SOC) and		WRT101 English Composition I	3
Anthropology (ANT).			17
Mathematics, Natural Science, & Technology***	3-4	Third Semester	
One general education course to be selected from the		Hotel/Restaurant/Hospitality	6
following fields: Mathematics (MAT); Computer Science (CIS)		Electives*	
Information Technology (INF); Biology (BIO); Chemistry (CHM);		Humanities Elective***	3
Physics (PHY).		Math/Computer Science/Natural	3-4
	_	Science/Technology Elective***	
Additional General Education Elective***	3	WRT201 English Composition II	3
			15-16
PROGRAM REQUIREMENTS	44	- •	
BUS101 Introduction to Business	3	Fourth Semester	
BUS103 Business Mathematics	3	HRM217 Issues in the Hospitality Industry	2
HRM101 Intro to Hospitality Management	3	Hotel/Restaurant/Hospitality	3
HRM102 Food Protection and Safety	3	Elective*	
HRM103 Professional Food Preparation Techniques	3	Restricted Elective**	3
HRM106 Menu Planning and Nutrition	1	Humanities Elective***	3
HRM217 Issues in the Hospitality Industry	2	Social Science Elective***	3
Hotel/Restaurant/Hospitality Electives*	14	General Education Elective***	3
Restricted Electives**	9		17

Specific Program Notes

WEX163 Nutrition Today

TOTAL CREDITS

*Hotel/Restaurant/Hospitality Electives may be satisfied by courses in Accounting, Business Administration, and Hotel/Restaurant/Hospitality.

Students enrolled in this program **ARE <u>NOT</u> REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

3

^{**}The Restricted Elective requirements may be satisfied by course in Accounting, Business Administration, and Hotel/Restaurant/Hospitality.

^{***}General Education Elective(s) - see page 1.

Program: Business Technologies - Hotel/Restaurant/Hospitality - Catering and Banquet Management

Degree: Associate in Applied Science

Code: AAS.BT.HR.CATER

Business Technologies, Hotel/Restaurant/Hospitality - Catering and Banquet Management Students interested specifically in the management and operation of a facility offering catering and banquet services should enroll in this program option. Students will understand the regulations and standards that concern the hospitality industry and be proficient in food preparation and production, purchasing, and all phases of decorating and serving food. Graduates are eligible for jobs and supervisory or middle management positions in the banquet department of hotels, restaurants, food service companies, and related areas of the hospitality industry.

RECOMMENDED SEMESTER SEQUENCE **GENERAL EDUCATION REQUIREMENTS** 21-22 Communication 6 First Semester WRT101 English Composition I 3 BUS101 Introduction to Business 3 WRT... WRT201 English Composition II or 3 HRM101 Intro to Hospitality Management 3 WRT202 Technical Writing 3 HRM102 Food Protection and Safety HRM103 Professional Food Preparation 3 **Humanities Electives*** 6 Techniques Menu Planning and Nutrition Two general education courses selected from the following HRM106 1 fields, with no more than one course in any one field: WRT101 English Composition I 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 16 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). Second Semester Hospitality Accounting ACC206 3 Social Science Elective* 3 BUS103 **Business Mathematics** 3 One general education course selected from the following HRM108 Computer Applications for the 1 fields: Economics (ECO); Geography (GEO); Political Hospitality Industry Science (POL); Psychology (PSY); Sociology (SOC) and HRM462 Co-Op Work Experience (H/R/H) 2 Anthropology (ANT). WRT201 **English Composition II** 3 General Education Elective* 3 Mathematics, Natural Science, & Technology* 15 3-4 One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) **Third Semester** Information Technology (INF); Biology (BIO); Chemistry (CHM); HRM202 Quantity Food Production and 3 Physics (PHY). Service* HRM203 Beverage Management 2 **Additional General Education Elective*** 3 HRM204 Food Purchasing 2 HRM205 Restaurant Service Management 3 **PROGRAM REQUIREMENTS** 44 HRM214 Banquet & Catering Management 2 ACC206 Hospitality Accounting **Humanities Elective*** 3 3 **BUS101 Introduction to Business** 3 Social Science Elective* 3 **BUS103 Business Mathematics** 3 18 HRM101 Intro to Hospitality Management 3 HRM102 Food Protection and Safety 3 **Fourth Semester** HRM103 Professional Food Preparation Techniques 3 HRM201 Food and Beverage Cost Control 1 HRM106 Menu Planning and Nutrition 1 HRM206 Commercial Restaurant 3 HRM108 Computer Applications for the Hospitality Industry Operation*** 1 Hotel Sales & Convention Planning HRM201 Food and Beverage Cost Control 1 HRM207 HRM202 Quantity Food Production & Service** 3 Classical Garde-Manger* 3 HRM213 HRM203 Beverage Management 2 HRM217 Issues in Hospitality Industry 2 HRM204 Food Purchasing 2 Humanities Elective* 3 HRM205 Restaurant Service Management 3 Math/Computer Science/Natural 3-4 HRM206 Commercial Restaurant Operation*** 3 Science/Technology Elective* HRM207 Hotel Sales & Convention Planning 1 16-17 HRM213 Classical Garde-Manger** 3 HRM214 Banquet & Catering Management 2 2

Specific Program Notes

TOTAL CREDITS

- *General Education Course List see page 1.
- **Class offered only during fall semester.

HRM217 Issues in the Hospitality Industry

HRM462 Co-Op Work Experience (H/R/H)

***Class offered only during spring semester.

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing

2

Program: Business Technologies - Hotel/Restaurant/Hospitality - Culinary Entrepreneurship

Degree: Associate in Applied Science

GENERAL EDUCATION REQUIREMENTS

Code: AAS.BT.HR.CUL.EPR

Business Technologies, Hotel/Restaurant/Hospitality - Culinary Entrepreneurship This program option consists of foundation classes for culinary students or professionals who are looking for alternative ways to earn income in the culinary industry. This program is geared to professionals who want to break out of a particular niche or specialty within the culinary industry or to students enrolled in traditional cooking and hospitality programs who want broader exposure to the industry than is provided in the typical culinary arts curriculum.

21-22

6

3

3-4

3

Communication 6 WRT101 English Composition I 3 WRT... WRT201 English Composition II or WRT202 Technical Writing 3

Humanities Electives*

Two general education courses selected from the following fields, with no more than one course in any one field:
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).

Social Science Elective*

One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematics, Natural Science, & Technology*

One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) Information Technology (INF); Biology (BIO); Chemistry (CHM); Physics (PHY).

Additional General Education Elective*

PROGRAM REQUIREMENTS	43
ACC206 Hospitality Accounting	3
BUS101 Introduction to Business	3
BUS205 Entrepreneurship	3
HRM101 Intro to Hospitality Management	3
HRM102 Food Protection	3
HRM103 Professional Food Preparation Techniques	3
HRM106 Menu Planning and Nutrition	1
HRM108 Computer Applications/Hospitality Industry	1
HRM110 Introduction to Baking	3
HRM129/BUS129 Event Planning & Management I	3
HRM201 Food and Beverage Cost Control	1
HRM205 Restaurant Service Management	3
HRM213 Classical Garde-Manger**	3
HRM214 Banquet and Catering Management	3
HRM219/LGL219 Hospitality Law	3
HRM462 Co-Op Work Experience (H/R/H)	2
HRT115 Floral Design	3

RECOMMENDED SEMESTER SEQUENCE

First Semester

BUS101	Introduction to Business	3
HRM101	Intro to Hospitality Management	3
HRM102	Food Protection and Safety	3
HRM103	Professional Food Preparation	3
	Techniques	
HRM106	Menu Planning and Nutrition	1
HRM110	Introduction to Baking	3
		16

Second Semester

Occoria o	cilicatei	
HRM108	Computer Applications/	1
	Hospitality Industry	
HRM201	Food and Beverage Cost Control	1
HRM214	Banquet & Catering Management	2
HRM/LGL	HRM/LGL219 Hospitality Law	
WRT101	English Composition I	3
	Humanities Elective*	3
	Social Science Elective*	3
		16

Third Semester

ACC206	Hospitality Accounting	3
HRM205	Restaurant Service Management	3
WRT201	English Composition II	3
	Math/Computer Science/Natural	3-4
	Science/Technology Elective*	
	General Education Elective*	3
		15-16

Fourth Semester

BUS205	Entrepreneurship	3
HRM/BUS	129 Event Planning & Management I	3
HRM213	Classical Garde-Manger**	3
HRM462	Co-Op Work Experience (H/R/H)	2
HRT115	Floral Design	3
	Humanities Elective*	3
		17

TOTAL CREDITS

*General Education Course List - see page 1.

**Class offered only during fall semester.

Specific Program Notes

Students enrolled in this program **ARE <u>NOT</u> REQUIRED to** successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Business Technologies - Hotel/Restaurant/Hospitality - Event Planning and Management

Degree: Associate in Applied Science

Code: AAS.BT.HR.EVENT

Business Technologies, Hotel/Restaurant/Hospitality - Event Planning and Management Option Students who choose this option should have strong organizational and communication skills. Business relies on successful events to encourage growth and promote enthusiasm throughout an industry in regards to their company. The Event Planner coordinates and organizes meetings, luncheons and other special events. Some Event Planners ensure that the company conducting the meeting or event is aware to the facility's services and limitations. The Event Planner also must contact a facility representative and other vendors and organize other details for the event.

6

3

3-4

3

21-22
6
3
3

Humanities Electives**

Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).

Social Science Elective**

One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematics, Natural Science, & Technology**

One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) Information Technology (INF); Biology (BIO); Chemistry (CHM); Physics (PHY).

Additional General Education Elective**

PROGRAM REQUIREMENTS	44
ACC206 Hospitality Accounting	3
BUS101 Introduction to Business	3
BUS201 Marketing Principles	3
BUS205 Entrepreneurship	3
BUS207 Principles of Management	3
HRM101 Intro to Hospitality Management	3
HRM102 Food Protection and Safety	3
HRM104 Front Office Procedures	2
HRM129/BUS129 Event Planning & Management I	3
HRM229/BUS229 Event Planning & Management II	3
HRM203 Beverage Management	2
HRM205 Restaurant Service Management	3
HRM207 Hotel Sales and Convention Planning	1
HRM214 Banquet & Catering Management	2
HRM217 Issues in the Hospitality Industry	2
HRM219/LGL219 Hospitality Law	3
HRM462 Co-Op Work Experience (H/R/H)	2

RECOMMENDED SEMESTER SEQUENCE

First Semester

BUS101	Introduction to Business	3
HRM101	Intro to Hospitality Management	3
HRM102	Food Protection and Safety	3
HRM104	Front Office Procedures	2
WRT101	English Composition I	3
	Humanities Elective**	3
		17

Second Semester

BUS205	Entrepreneurship	3
BUS207	Principles of Management	3
HRM/BUS	129 Event Planning & Management I	3
HRM203	Beverage Management	2
HRM214	Banquet & Catering Management	2
WRT201	English Composition II	3
		16

Third Semester

ACC206	Hospitality Accounting	3
HRM205	Restaurant Service Management	3
HRM207	Hotel Sales and Convention Planning	g 1
HRM/BUS2	229 Event Planning & Management II	3
	Math/Computer Science/Natural	3-4
	Science/Technology Elective**	
	Social Science Elective**	3
		16-17

Fourth Semester

BUS201	Marketing Principles	3
HRM217	Issues in the Hospitality Industry	2
HRM/LGL	219 Hospitality Law	3
HRM462	Co-Op Work Experience (H/R/H)	2
	Humanities Elective**	3
	General Education Elective**	3
		16

Specific Program Notes

TOTAL CREDITS

- **Class offered only during fall semester.
- **General Education Course List see page 1.

Students enrolled in this program **ARE <u>NOT</u> REQUIRED to** successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Business Technologies - Hotel/Restaurant/Hospitality - Hospitality Management

Degree: Associate in Applied Science

Code: AAS.BT.HR.HOSP

Business Technologies, Hotel/Restaurant/Hospitality - Hospitality Management Students interested specifically in the management of people, goods, and services in the hospitality industry, should enroll in this program option. Students will understand the regulations and standards that concern the hospitality industry and be proficient in food preparation, purchasing, and all phases of hospitality work, supervision and management. Graduates are eligible for jobs and supervisory or middle management positions in hotels, restaurants, food service companies, and related areas of the hospitality industry.

GENERAL EDUCATION REQUIREMENTS RECOMMENDED SEMESTER SEQUENCE 21-22 Communication 6 First Semester WRT101 English Composition I 3 BUS101 Introduction to Business 3 WRT... WRT201 English Composition II or 3 HRM101 Intro to Hospitality Management 3 WRT202 Technical Writing 3 HRM102 Food Protection and Safety HRM103 **Professional Food Preparation** 3 **Humanities Electives**** 6 Techniques Menu Planning and Nutrition HRM106 Two general education courses selected from the following 1 fields, with no more than one course in any one field: WRT101 English Composition I 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 16 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). Second Semester Hospitality Accounting ACC206 3 Social Science Elective** 3 BUS103 Business Mathematics 3 One general education course selected from the following HRM217 Issues in the Hospitality Industry 2 fields: Economics (ECO); Geography (GEO); Political 2 HRM462 Co-Op Work Experience (H/R/H) Science (POL); Psychology (PSY); Sociology (SOC) and WRT201 English Composition II 3 Anthropology (ANT). Humanities Elective** 3 16 Mathematics, Natural Science, & Technology** 3-4 One general education course to be selected from the Third Semester Front Office Procedures following fields: Mathematics (MAT); Computer Science (CIS) HRM104 2 Information Technology (INF); Biology (BIO); Chemistry (CHM); Computer Applications/ HRM108 1 Physics (PHY). Hospitality Industry HRM202 Quantity Food Production/Service* 3 Additional General Education Elective** Food Purchasing 3 HRM204 2 Restaurant Service Management HRM205 3 PROGRAM REQUIREMENTS 44 HRM/LGL219 Hospitality Law 3 ACC206 Hospitality Accounting Social Science Elective** 3 3 **BUS101 Introduction to Business** 3 17 **BUS103 Business Mathematics** 3 HRM101 Intro to Hospitality Management 3 **Fourth Semester** HRM102 Food Protection 3 Food and Beverage Cost Control 1 HRM201 HRM103 Professional Food Preparation Techniques 3 HRM203 Beverage Management 2 HRM104 Front Office Procedures 2 HRM206 Commercial Restaurant Operation*** 3 HRM106 Menu Planning and Nutrition HRM207 Hotel Sales & Convention Planning 1 1 HRM108 Computer Applications/ Math/Computer Science/Natural 3-4 1 HRM201 Food and Beverage Cost Control 1 Science/Technology Elective** HRM202 Quantity Food Production and Service * 3 Humanities Elective** 3 HRM203 Beverage Management General Education Elective** 2 HRM204 Food Purchasing 2 16-17 HRM205 Restaurant Service Management 3 HRM206 Commercial Restaurant Operation*** 3 HRM207 Hotel Sales & Convention Planning 1 HRM217 Issues in the Hospitality Industry 2

Specific Program Notes, continued

HRM462 Co-Op Work Experience (H/R/H)

HRM219/LGL219 Hospitality Law

TOTAL CREDITS

Students who enter this program in the spring should reverse the THIRD and FOURTH semesters, that is, take the FOURTH semester before the THIRD semester.

Students enrolled in this program **ARE NOT REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

3

2

65-66

Specific Program Notes

*Class offered only during fall semester.

**General Education Elective(s) – see page 1.

***Class offered only during spring semester.

Program: Business Technologies - Information Technology - Office Technology Degree: Associate in Applied Science Code: AAS.BT.OFF.TECH **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I INF119 **Document Processing** 3 3 WRT... WRT201 English Composition II or INF101 Intro to Information Technology 3 3 WRT202 Technical Writing INF114 Microsoft Office 3 **BUS101** Introduction to Business 3 **Humanities Electives**** 6 English Composition I WRT101 3 Two general education courses selected from the following 15 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy Humanities Elective** 3 and Religion (PHR); World Languages and Cultures (LAN). **INF140** Introduction to Multimedia 3 INF146 Web Development 3 Social Science Elective** 3 **BUS103 Business Mathematics** 3 One general education course selected from the following BUS105 **Business Communications** 3 fields: Economics (ECO); Geography (GEO); Political WRT... WRT201 English Composition II 3 Science (POL); Psychology (PSY); Sociology (SOC) and or WRT202 Technical Writing 18 Anthropology (ANT). Mathematics, Natural Science, & Technology** 3-4 Third Semester One general education course to be selected from the INF217 Database for Applications [Oracle] 3 ACC120 following fields: Mathematics (MAT); Computer Science (CIS) Computerized Accounting 3 Information Technology (INF); Biology (BIO); Chemistry (CHM); **INF253 Technical Communications** 3 Physics (PHY). Math/Computer Science/Natural 3-4 Science/Technology Elective** Additional General Education Elective** General Education Elective** 3 3 15-16 **PROGRAM REQUIREMENTS** 43 INF101 Intro to Information Technology **Fourth Semester** 3 Excel for Problem Solving **INF114 Microsoft Office** 3 INF228 1 INF119 Document Processing with Microsoft Word 3 **BUS271** e-Commerce 3 INF140 Introduction to Multimedia 3 Restricted Electives*** 6 INF146 Web Development 3 Humanities Elective** 3 INF217 Database for Applications [Oracle] 3 Social Science Elective** 3 INF228 Excel for Problem Solving 16 1 INF253 Technical Communications 3 ACC120 Computerized Accounting 3 3 **BUS101 Introduction to Business**

Specific Program Notes

BUS271 e-Commerce

TOTAL CREDITS

..... Restricted Electives***

*Credit by Exam may be available.

BUS103 Business Mathematics

BUS105 Business Communications

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

3

3

3

6

^{**}General Education Elective(s) - see page 1.

^{***}Restricted Electives – Select two: INF108; INF150; INF160; INF230; or WEX101 and INF165.

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN HUMAN SERVICES

Program: Human Services - Correctional Studies Degree: Associate in Applied Science Code: AAS.HS.CORR **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I CRJ101 Introduction to Criminal Justice* 3 3 WRT... WRT201 English Composition II or 3 CRJ102 Introduction to Corrections* 3 WRT202 Technical Writing WRT101 English Composition I 3 Humanities Elective* 3 **Humanities Electives**** 6 Social Science Elective**† 3 Two general education courses selected from the following WEX101 Dynamics of Health & Fitness 2 fields, with no more than one course in any one field: 17 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy Second Semester Topics in Criminal Justice and Religion (PHR); World Languages and Cultures (LAN). CRJ108 3 CRJ113 The Juvenile Justice Process 3 Social Science Elective** 3 POL₁₀₄ State & Local Government 3 One general education course selected from the following SOC101 Sociology*** 3 fields: Economics (ECO); Geography (GEO); Political WRT201 English Composition II 3 Science (POL); Psychology (PSY); Sociology (SOC) and WEX... Dynamics of Health & Fitness Exp 1 Anthropology (ANT). (WEX111, 114, 115, 116, or 118) 16 Mathematics, Natural Science, & Technology** 3-4 One general education course to be selected from the Third Semester Criminology*** following fields: Mathematics (MAT); Computer Science (CIS) CRJ107 3 Information Technology (INF); Biology (BIO); Chemistry (CHM); CRJ114 Correctional Administration* 3 3 LIT220 Physics (PHY). Social Aspects of Literature SOC103 Sociology of the Family 3 Additional General Education Course: 3 Math/Computer Science/Natural 3-4 Science/Technology Elective** COM... COM100 Speech Communication or COM102 Public Speaking 15-16 PROGRAM REQUIREMENTS 39 **Fourth Semester** CRJ101 Introduction to Criminal Justice* 3 CRJ115 Correctional Law* 3 CRJ102 Introduction to Corrections* 3 PSY102 Intro to Abnormal Psychology CRJ103 Criminal Law 3 3 or CRJ107 Criminology*** **PSY104** Psychology of Human Relations 3 CRJ108 Topics in Criminal Justice 3 SOC113 Social Problems 3 CRJ113 The Juvenile Justice Process 3 COM... COM100 Speech Communication 3 CRJ114 Correctional Administration* or COM102 Public Speaking 3 3 CRJ115 Correctional Law* Humanities Elective**‡ 3 POL104 State & Local Government 3 Free Elective‡‡ 17 PSY102 Intro to Abnormal Psychology 3 PSY104 Psychology of Human Relations SOC101 Sociology* 3 SOC103 Sociology of the Family 3 Specific Program Notes SOC113 Social Problems 3 *Highly recommended: take CRJ102 before taking CRJ114 and CRJ115. PROGRAM SUPPORT REQUIREMENTS **General Education Elective(s) – see page 1. 3 WEX101 Dynamics of Health & Fitness ***Highly recommended: take SOC101 before taking 2 WEX... Dynamics of Health & Fitness Exp CRJ107. 1

Specific Program Notes, continued

FREE ELECTIVE

TOTAL CREDITS

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

2

65-66

†Highly recommended: PSY101.

‡Highly recommended: PHR102.

[Corrections].

‡‡Highly recommended: CRJ463 Coo-Op Education

Program: Human Services - Law Enforcement Studies Degree: Associate in Applied Science Code: AAS.HS.LAWENF **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE

6

3

Communication	6
WRT101 English Composition I	3
WRT WRT201 English Composition II or	3
WRT202 Technical Writing	

Humanities Electives***
Two general education courses selected from the following
fields, with no more than one course in any one field:
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema
Studies [CIN]); History (HIS); Literature (LIT); Philosophy

and Religion (PHR); World Languages and Cultures (LAN).

Social Science Elective*** One general education course selected from the following

fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematics, Natural Science, & Technology*** 3-4 One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) Information Technology (INF); Biology (BIO); Chemistry (CHM); Physics (PHY).

Additional General Education Course: COM... COM100 Speech Communication or COM102 Public Speaking

PROGRAM REQUIREMENTS	39
CRJ101 Introduction to Criminal Justice*	3
CRJ103 Criminal Law*	3
CRJ105 Police Administration*	3
CRJ107 Criminology**	3
CRJ109 Contemporary Issues in Policing	3
CRJ111 Criminal Investigation	3
CRJ113 The Juvenile Justice Process	3
POL104 State & Local Government	3
PSY102 Intro to Abnormal Psychology	
or	3
PSY104 Psychology of Human Relations	
SOC101 Sociology**	3
SOC103 Sociology of the Family	3
SOC113 Social Problems	3
PROGRAM SUPPORT REQUIREMENTS	3
WEX101 Dynamics of Health & Fitness	2
WEX Dynamics of Health & Fitness Exp	1
FREE ELECTIVE	2

First Sem	ester	
CRJ101	Introduction to Criminal Justice*	3
SOC101	Sociology**	3
WRT101	English Composition I	3
	Humanities Elective***†	3
	Social Science Elective***‡	3
WEX101	Dynamics of Health & Fitness	2
		17

_ 5	Second Se	emester	
(CRJ109	Contemporary Issues in Policing	3
(CRJ113	The Juvenile Justice Process	3
F	POL104	State & Local Government	3
5	SOC103	Sociology of the Family	3
٧	NRT201	English Composition II	3
٧	NEX	Dynamics of Health & Fitness Exp	1
		(WEX111, 114, 115, 116, or 118)	
			16

Third Sen	nester	
CRJ105	Police Administration*	3
CRJ111	Criminal Investigation	3
LIT220	Social Aspects of Literature	3
SOC113	Social Problems	3
	Math/Computer Science/Natural	3-4
	Science/Technology Elective***	
		15-16

Fourth Se	emester	
CRJ103	Criminal Law*	3
CRJ107	Criminology **	3
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
PSY102	Intro to Abnormal Psychology	
	or	3
PSY104	Psychology of Human Relations	
	Humanities Elective***‡‡	3
	Free Elective	2
		17

Specific Program Notes

TOTAL CREDITS

*Highly recommended: take CRJ101 before taking CRJ103 and CRJ105.

**Highly recommended: take SOC101 before taking CRJ107.

***General Education Elective(s) – see page 1.

†Highly recommended: PHR102. ‡Highly recommended: PSY101.

‡‡Highly recommended: HIS112.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN HUMAN SERVICES

Program: Human Services – Legal Studies – Paralegal Degree: Associate in Applied Science

Code: AAS.LS.PARALGL

GENERAL EDUCATION REQUIREMENTS 21-22 Communication 6 WRT101 English Composition I 3 WRT... WRT201 English Composition II or WRT202 Technical Writing 3

Humanities Electives*

Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).

Social Science Elective*

One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

$\label{eq:mathematics} \textbf{Mathematics}, \textbf{Natural Science}, \textbf{\& Technology*}$

One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) Information Technology (INF); Biology (BIO); Chemistry (CHM); Physics (PHY).

Additional General Education Course:

COM... COM100 Speech Communication or COM102 Public Speaking

PROGRAM REQUIREMENTS	44
LGL101 Fundamentals of Law	3
LGL103 Legal Research and Writing	3
LGL110 Legal Ethics	3
LGL200 Business Communications for Paralegals	3
LGL202 NJ and Federal Courts	3
LGL203 Paralegalism and Legal Procedure	3
LGL205 Mechanics of Property Transactions	3
LGL206 Mechanics of Commercial Transactions	3
LGL207 Wills and Administration	3
LGL208 Mechanics of Family Law Transactions	3
LGL210 Legal Accounting I	3
LGL220 Computer Assisted Legal Research	3
LGL234 Personal Injury and Product Liability	3
LGL462 Co-Op Work Exp [Paralegal]	2
REA101 Principles of Real Estate I	3
TOTAL CREDITS	65-66

RECOMMENDED SEMESTER SEQUENCE

First Semester

6

3

3-4

LGL101	Fundamentals of Law	3
LGL103	Legal Research and Writing	3
LGL110	Legal Ethics	3
REA101	Principles of Real Estate I	3
WRT101	English Composition I	3
	Social Science Elective*	3
		18

Second Semester

LGL200	Business Communications for	3
	Paralegals**	
LGL203	Paralegalism & Legal Procedure**	3
LGL220	Computer Assisted Legal Research	3
WRT201	English Composition II	3
	Humanities Elective*	3
	_	15

Third Semester

LGL202	NJ and Federal Courts**	3
LGL205	Mechanics of Prop Transactions**	3
LGL207	Wills and Administration**	3
LGL208	Mechanics of Family Law**	3
	Math/Computer Science/Natural	3-4
	Science/Technology Elective*	
	Humanities Elective*†	3
		18-19

Fourth Semester

LGL206	Mechanics of Commercial	3
	Transactions**	
LGL210	Legal Accounting I**	3
LGL234	Personal Injury and Product	3
	Liability**	
LGL462	Co-Op Work Exp [Paralegal]	2
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
		14

Specific Program Notes

*General Education Elective(s) - see page 1.

**Specialized course that may be offered only in the evening.

†PHR105 Professional Ethics is recommended.

Specific Program Notes, continued

Students enrolled in this program **ARE NOT REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

THIS IS AN ABA APPROVED PARALEGAL PROGRAM Please note: The practice of law is limited to attorneys admitted to practice within the jurisdiction. Completion of the Paralegal Studies or Legal Nurse Consultant Programs do not authorize the graduate to practice law. Program Goal: It is the goal of the Paralegal Studies Program to provide students with knowledge in a wide range of substantive legal fields and to provide practical skills necessary for the legal workplace environment. The program shall promote adherence to ethical practice and professional responsibility as legal professionals working in cooperation with and under the supervision of attorneys. The programs shall respond to the needs of the legal community and promote the economical and efficient delivery of legal services through the use of quality instruction and modern technology. For complete Program Goals, visit the Paralegal Studies and Legal Nurse Consultant website: http://www.bergen.edu/pages1/Pages/2642.aspx

Degree: Associate in Applied Science Code: AAS.MUSC.MUS.BUS **GENERAL EDUCATION REQUIREMENTS** Communication WRT101 English Composition I WRT... WRT201 English Composition II or WRT202 Technical Writing **Humanities Electives*** Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). **Social Science Course ECO101 Macroeconomics** Mathematics, Natural Science, & Technology* One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) Information Technology (INF); Biology (BIO); Chemistry (CHM); Physics (PHY). Additional General Education Elective:* PROGRAM REQUIREMENTS **ACC110 Financial Accounting BUS101 Introduction to Business BUS105 Business Communications** COM101 Mass Media of Communication MUS152 Introduction to the Music Business MUS163 Careers in Music MUS252 Music in the Marketplace MUS262 Concert Promotion & Production MUS462 Co-Op Work Exp [Music] MUS... Music Electives BUS... Business Elective INF... Information Technology Elective COM... Communication Elective

Program: Music - Music Business Option

RECOMMENDED SEMESTER SEQUENCE

First Semester

21-22

6

3

3

6

3

3

3-4

3

3

3

3

3

3

3

3

2

6

11-12

64-66

43-44

BUS101	Introduction to Business	3
MUS152	Introduction to the Music Business	3
MUS163	Careers in Music	3
MUS	Music Elective	2-3
WRT101	English Composition I	3
	Humanities Elective*	3
		17-18

Second Semester

MUS252	Music in the Marketplace	3
MUS	Music Elective	3
BUS	Business Elective	
	or	
INF	Information Technology Elective	3
	or	
COM	Communication Elective	
COM101	Mass Media of Communication	3
WRT	WRT201 English Composition II	3
	or WRT202 Technical Writing	
		15

Third Semester

MUS262	Concert Promotion & Production	3
MUS	Music Elective	3
BUS105	Business Communications	3
ECO101	Macroeconomics	3
	Math/Computer Science/Natural	3-4
	Science/Technology Elective*	
		15-16

Fourth Semester

MUS462	Co-Op Work Exp [Music]	2
ACC110	Financial Accounting	3
BUS	Business Elective	
	or	
INF	Information Technology Elective	3
	or	
COM	Communication Elective	
MUS	Music Elective	3
	Humanities Elective*	3
	General Education Elective*	3
		17

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1.

AAS Degree Programs - Health Professions and Career Technologies

Curriculum Requirements

Degree: Associate in Science

Code: AAS

As stated above (p. 61), Associate in Applied Science (AAS) degree programs are designed to prepare students for employment in their chosen fields of endeavor. Such programs are not designed to prepare students for transfer into bachelor's degree programs in four-year colleges and universities although some such programs may have transfer agreements with select four-year schools for graduates wishing to continue their education at the bachelor's degree level.

The career AAS degree programs presented in this section are organized according to the following categories: Health Professions and Career Technologies.

To receive the Associate in Applied Science (AAS) degree, a student must earn a minimum of 64 credits and complete all courses and specific requirements listed within the student's chosen curriculum. Each AAS curriculum in Health Professions or Career Technologies must contain the following general education and other program requirements:

Area of Study	Credits	Course Description
Communication	6	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) or WRT202 Technical Writing (3 cr.)
Humanities and Social Sciences	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN) Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics, Natural Sciences, and Technology	7-8	Two general education courses (7-8 cr.) to be selected from the following fields: Mathematics (MAT) Computer Science (CIS) Information Technology (INF) Biology (BIO) Chemistry (CHM) Physics (PHY)
General Education Credits	0-3	To be assigned in accordance with the needs of the program.
Total GE Credits:	20-22	
Other Requirements	38-45	Restricted Program Requirements and Program Support Requirements.
Free Electives	0-6	Programs can make recommendations in footnotes.
Total Credits	64-66	Note: Some AAS programs require more than 66 credits for licensing/accreditation purposes.

Program: Health Professions - Dental Hygiene

Degree: Associate in Applied Science

Code: AAS.HP.DENTL

Program Length: 24 months; Preadmission Test: Dental Hygiene Admissions Exam; GPA for admissions eligibility: 2.50 High School prerequisite courses: Chemistry, with lab; Biology, with lab; Algebra; College substitutions: BIO109; MAT035; CHM100; Application Deadline: February 1; Program Admits: Fall semester

Note: High School Biology is waived if College Biology, preferably BIO109, is successfully completed. Eligible candidates are invited to sit for the Dental Hygiene Admissions Examination.

GENERAL EDUCATION REQUIREMENTS 20 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester Microbiology WRT101 English Composition I 3 BIO104 4 WRT201 English Composition II 3 BIO109 4 Anatomy & Physiology I **DHY101** Oral Hygiene I 3 **Humanities* and Social Sciences** 6 **DHY108** Dental & Oral Anatomy & 2 One general education course selected from the 3 Physiology Following fields: Arts (Art [ART], Music [MUS], **DHY109** Oral Embryology & Histology WRT101 Theatre Arts [THR], Cinema Studies [CIN]); English Composition I 3 History (HIS); Literature (LIT); Philosophy and 18 Religion (PHR); World Languages and Cultures (LAN). Second Semester Anatomy & Physiology II PSY101 General Psychology 3 BIO209 4 **DHY201** Oral Hygiene II 3 Mathematics, Natural Sciences, & Technology 8 DHY205 Dental Radiology 3 Periodontology I BIO109 Anatomy & Physiology I 4 **DHY209** 1 BIO209 Anatomy & Physiology II 4 WEX101 Dynamics of Health & Fitness 2 3 WRT201.. **English Composition II PROGRAM REQUIREMENTS** 36 16 DHY101 Oral Hygiene I 3 DHY201 Oral Hygiene II 3 **Summer Session** DHY202 Oral Hygiene III 4 CHM110 Basic Biochemistry DHY203 Oral Hygiene IV 4 DHY200 Pharmacology for Dental Hygiene 2 DHY108 Dental & Oral Anatomy & Physiology 2 DHY220 Local Anesthesia 1 DHY109 Oral Embryology & Histology 2 7 DHY200 Pharmacology for Dental Hygiene 2 **DHY204 Dental Materials** 2 Third Semester **DHY205 Dental Radiology** 3 **DHY202** Oral Hygiene III 4 DHY206 Community Oral Health I 2 DHY204 **Dental Materials** 2 DHY216 Community Oral Health II 1 DHY206 Community Oral Health I 2 DHY207 General & Oral Pathology 3 DHY207 General & Oral Pathology 3 DHY209 Periodontology I 1 **DHY219** Periodontology II 1 DHY219 Periodontology II COM... COM100 Speech Communication 1 3 DHY214 Nutrition in Dental Health 2 or COM102 Public Speaking WEX... Dynamics of Health & Fitness Exp DHY220 Local Anesthesia 1 1 (WEX111, 114, 115, 116, or 118) PROGRAM SUPPORT REQUIREMENTS 17 16 **BIO104 Microbiology** 4 CHM110 Basic Biochemistry 4 **Fourth Semester** SOC101 Sociology Oral Hygiene IV 3 DHY203 4 COM... COM100 Speech Communication 3 DHY214 Nutrition in Dental Health 2 or COM102 Public Speaking **DHY216** Community Oral Health II 1 WEX101 Dynamics of Health & Fitness 2 PSY101 General Psychology 3 Sociology WEX... Dynamics of Health & Fitness Experience SOC101 3 1 Humanities Elective* 3 **TOTAL CREDITS** 73 16

Specific Program Notes

*General Education Course List – see page 1.

Program: Health Professions - Diagnostic Medical Sonography

Degree: Associate in Applied Science

Code: AAS.HP.DMS

Program length: 24 months; GPA for admissions eligibility: 2.50

Pre-Admissions Test: Diagnostic Medical Sonography Admissions Exam

Application Prerequisites: High school students are required to have taken advanced placement Biological Science (AP test documentation required,) high school advanced placement Physics (AP test documentation required,) and high school Algebra. If you have not taken these courses in high school, you need to take BIO109 Anatomy & Physiology I, PHY185 Introduction to Physics, and MAT035 or MAT031/032 Algebra

Application Deadline: February 1; Program Admits: Fall semester

Note: This regional program utilizes clinical education centers throughout the State of New Jersey. Students might be required to travel to distant sites and provide their own transportation.

GENERAL EDUCATION REQUIREMENTS	20-22	RECOMMENDED SEMESTER SEQUENCE	
Communication	6	First Semester	
WRT101 English Composition I	3	BIO109 Anatomy & Physiology I	4
WRT WRT201 English Composition II or	3	DMS101 Ultrasound Physics and	2
WRT202 Technical Writing		Instrumentation I	
	<u>'</u>	DMS102 Clinical Medicine & Patient Care	2
Humanities* and Social Sciences	6	DMS113 Abdominal Sonography I	3
One 3-credit general education Humanities elective to be	3	DMS115 Cross-Sectional Anatomy	4
selected from the following fields: Arts (Art [ART],		WRT101 English Composition I	3
Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]);			18
History (HIS); Literature (LIT); Philosophy and Religion (PHR);			
World Languages and Cultures (LAN).		Second Semester	
		BIO209 Anatomy & Physiology II	4
Social Science Course: PSY101 General Psychology	3	DMS201 Ultrasound Physics and	2
		Instrumentation II	
Mathematics, Natural Sciences, & Technology	8	DMS204 Introduction to Medical Imaging	1
BIO109 Anatomy & Physiology I	4	DMS205 Obstetric and Gynecological	3
BIO209 Anatomy & Physiology II	4	Sonography	
		DMS213 Abdominal Sonography II	3
PROGRAM REQUIREMENTS	43	DMS218 Ultrasound Clinic I	1
DMS101 Ultrasound Physics and Instrumentation I	2	WRT201 English Composition II	3
DMS201 Ultrasound Physics and Instrumentation II	2		17
DMS102 Clinical Medicine & Patient Care	2		
DMS113 Abdominal Sonography I	3	Summer Semester	
DMS213 Abdominal Sonography II	3	DMS219 Ultrasound Clinic II-Abdomen	2
DMS115 Cross-Sectional Anatomy	4		2
DMS204 Introduction to Medical Imaging	1		
DMS205 Obstetric and Gynecological Sonography	3	Third Semester	
DMS214 Echocardiography I	3	DMS214 Echocardiography I	3
DMS227 Echocardiography II	3	DMS220 Ultrasound Clinic III-OB/GYN	2
DMS218 Ultrasound Clinic I	1	DMS226 OB Sonography II	3
DMS219 Ultrasound Clinic II-Abdomen	2	DMS229 Vascular Imaging	2
DMS220 Ultrasound Clinic III-OB/GYN	2	Humanities Elective*	3
DMS221 Ultrasound Clinic IV-Echocardiography	2		13
DMS222 Ultrasound Clinic V-Vascular	1		
DMS226 OB Sonography II	3	Fourth Semester	
DMS228 Advanced Ultrasound Practices	1	DMS221 Ultrasound Clinic IV-	2
DMS229 Vascular Imaging	2	Echocardiography	
DMS230 Comprehensive Review	3	DMS227 Echocardiography II	3
EDEE EL FOTIVE	•	DMS228 Advanced Ultrasound Practices	1
FREE ELECTIVE	3	PSY101 General Psychology	3
		Free Elective	3
TOTAL OPERITO			12
TOTAL CREDITS	66	Cumman Camaatan	
		Summer Semester DMS222 Ultrasound Clinic V-Vascular	1
			3
		DMS230 Comprehensive Review	4
		1	4

Specific Program Notes

*General Education Course List – see page 1.

Program: Health Professions - Health Science

Degree: Associate in Applied Science

Code: AAS.HP.HEALTH.SCIGPA for admissions eligibility: 2.50
Application Deadline: February 1

Program Admits: Fall and Spring semester

Note: Qualified students will be awarded 30 transfer credits. The credits will be applied to the degree in Health Science upon the completion of the curriculum. It is essential to understand that this program does not entitle the graduate eligibility to advanced certification or licensure within the Health Professions discipline.

Students who enter into this program must be aware of the Bergen Community College policy on the number of credits that must be taken at the College. Students enrolled in the AAS degree in Health Sciences must satisfy the English, Mathematics and algebra basic skills requirements.

Applicant must have graduated from a program that has acceptable accreditation agencies that is comparable to our Health Professions disciplines. Transcripts and credentials will be evaluated by an appointed admissions committee.

GENERAL EDUCATION REQUIREMENTS 20-22 Communication 6 WRT101 English Composition I 3 WRT... WRT201 English Composition II or 3 WRT202 Technical Writing **Humanities and Social Sciences*†** 6 Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Mathematics, Natural Sciences, & Technology* 8 Natural Science Electives*‡ 8 PROGRAM SUPPORT REQUIREMENTS 12 Humanities Elective* 3 Social Science Elective*† 3 Mathematics/Computer Science Elective* 3 WEX101 Dynamics of Health & Fitness 2 WEX... Dynamics of Health & Fitness Experience 1 **FREE ELECTIVE** 3

RECOMMENDED SEMESTER SEQUENCE

First Semester

WR1101	English Composition I	3
	Humanities Elective*	3
	Social Science Elective*†	3
	Mathematics/Computer Science	3
	Elective*	
	Natural Science Elective*‡	4
WEX101	Dynamics of Health & Fitness	2
		18

Second Semester

WRT201	English Composition II	3
	Humanities Elective*	3
	Social Science Elective*†	3
	Natural Science Elective*‡	4
WEX	Dynamics of Health & Fitness Exp	1
	(WEX111, 114, 115, 116, or 118)	
	Free Elective*	3
		17

Specific Program Notes

TOTAL CREDITS

*General Education Course List - see page 1.

†Recommended Social Science Electives: PSY101 General Psychology, PSY102 Abnormal Psychology, SOC101 Introduction to Sociology, SOC103 Sociology and the Family, SOC113 Social Problems.

35

‡Recommended Natural Science Electives: BIO103 Microbiology, BIO104 General Biology, BIO109 Anatomy and Physiology I, BIO203 General Biology II, BIO209 Anatomy and Physiology II, CHM100 Introduction to Chemistry, CHM112 College Chemistry, PHY185 Introduction to Physics.

Upon completion of the first and second semester courses, the 30 credits accepted for licensure/certificate will be granted. Students will have earned 65 credits necessary to complete the degree requirements.

Degree: Associate in Applied Science Code: AAS.HP.MOA **GENERAL EDUCATION REQUIREMENTS** 20-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 **First Semester** WRT101 English Composition I WRT101 English Composition I 3 3 Anatomy & Physiology I WRT... WRT201 English Composition II or 3 BIO109 4 WRT202 Technical Writing INF119 Document Processing with MW 3 MOA140 Medical Terminology 3 **Humanities* and Social Sciences** 6 MOA141 Intro to Medical Assisting 3 One general education course selected from the 3 16 Following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Second Semester History (HIS); Literature (LIT); Philosophy and WRT201 English Composition II 3 WRT... or WRT202 Technical Writing Religion (PHR); World Languages and Cultures (LAN). WEX101 Dynamics of Health & Fitness 2 PSY101 General Psychology 3 BIO209 Anatomy & Physiology II 4 INF114 Microsoft Office 3 Mathematics, Natural Sciences, & Technology 8 MOA240 Clinical Office Practice 4 BIO109 Anatomy & Physiology I 16 4 BIO209 Anatomy & Physiology II 4 Third Semester **PROGRAM REQUIREMENTS** 33 WEX159 CPR & Emergency 3 MOA218 MOA140 Medical Terminology Medical Economics 2 3 Clinical Lab Technology MOA141 Intro to Medical Assisting 3 MOA241 4 MOA145 Med Office Assisting Overview 3 MOA243 Med Office Asst Externship I 1 3 MOA200 Pharmacology for MOA 2 MOA203 Med Asst Admin Procedures I MOA201 Diagnostic & Procedural Coding 4 Humanities Elective* 3 MOA203 Med Asst Admin Procedures I 3 16 MOA204 Med Asst Admin Procedures II 3 MOA218 Medical Economics 2 **Fourth Semester** MOA240 Clinical Office Practice General Psychology 4 PSY101 3 MOA241 Clinical Lab Technology 4 MOA200 Pharmacology for MOAs 2 MOA243 Med Office Asst Externship I 3 1 MOA145 Med Office Assisting Overview MOA201 Diagnostic & Procedural Coding 4 MOA244 Med Office Asst Externship II 1 MOA244 Med Office Asst Externship II 1 PROGRAM SUPPORT REQUIREMENTS Med Asst Admin Procedures II 11 MOA204 3 **INF114 Microsoft Office** 3 16 INF119 Document Processing with MW 3 WEX101 Dynamics of Health & Fitness 2 WEX159 CPR & Emergency 3

Specific Program Notes

TOTAL CREDITS

*General Education Course List - see page 1.

Program: Health Professions - Medical Office Assistant

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by Placement Testing.

Pending CAAHEP/State Approval

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN HEALTH PROFESSIONS

Program Length: 24 months Preadmissions: HESI Exam, Program Admissions Exam and EMT skills screening, Active NJ EMT License GPA for admissions eligibility: 2.50 High School prerequisite courses: 1 year science (college placement Biology with lab) and 1 year Algebra College Substitutions: BIO109 Application Deadline: February 1 Program Admits: Fall Semester Note: This regional program utilizes clinical education sites throughout the state of NJ. Students will be required to travel to distant sites and provide their own transportation. **GENERAL EDUCATION REQUIREMENTS** RECOMMENDED SEMESTER SEQUENCE 20 Communication 6 **First Semester** WRT101 English Composition I 3 BIO109 Anatomy & Physiology I 4 WRT... WRT201 English Composition II or 3 Mathematics Elective' MAT. WRT202 Technical Writing **PSY101** General Psychology 3 WRT101 **English Composition I** 3 **Humanities and Social Sciences** 6 13 PSY101 General Psychology 3 SOC101 Sociology 3 Second Semester BIO209 Anatomy & Physiology II 4 Mathematics, Natural Sciences, & Technology 8 PSY201 Child Psychology 3 Sociology BIO109 Anatomy & Physiology I 4 SOC101 3 WRT201 English Composition II BIO209 Anatomy & Physiology II 4 WRT... 3 or WRT202 Technical Writing 13 **PROGRAM REQUIREMENTS** 40 PAR101 Principles of Paramedic Science I 4 **Third Semester** PAR102 Paramedic Patient Care Techniques I 4 PAR101 Principles of Paramedic Science I 4 3 PAR102 4 PAR103 Paramedic Diagnostic Methods I Paramedic Patient Care Techniques I 3 PAR104 Paramedic Clinical Concepts I **PAR103** Paramedic Diagnostic Methods I 3 PAR200 Paramedic Cardiac & Trauma Care 2 PAR104 Paramedic Clinical Concepts I 3 PAR201 Principles of Paramedic Science II 4 14 PAR202 Paramedic Patient Care Techniques II 4 PAR203 Paramedic Diagnostic Methods II 3 Winter Term PAR204 Paramedic Clinical Concepts II 3 PAR200 Paramedic Cardiac & Trauma Care 2 PAR205 Paramedic Clinical Concepts III 4 PAR206 Paramedic Field Externship I 4 PAR 207 Paramedic Field Externship II 2 **Fourth Semester** PAR201 Principles of Paramedic Science II 4 **PAR202** Paramedic Patient Care Techniques II 4 PROGRAM SUPPORT REQUIREMENTS 6 PAR203 Paramedic Diagnostic Methods II 3 MAT... Mathematics Elective* PAR204 Paramedic Clinical Concepts II 3 14 PSY201 Child Psychology 3 **Summer Session** PAR205 4 Paramedic Clinical Concepts III PAR206 Paramedic Field Externship I 4

Specific Program Notes

TOTAL CREDITS

Program: Health Professions - Paramedic Science

Degree: Associate in Applied Science

Code: AAS.HP.PAR

*Mathematics Elective: select MAT130 Contemporary Mathematics, MAT150 Statistics I, or MAT155 Finite Mathematics.

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by Placement Testing.

66

PAR207

Paramedic Field Externship II

10

Program: Health Professions – Radiography Degree: Associate in Applied Science

Code: AAS.HP.RAD
Program Length: 24 months

Preadmission Test: Radiography Admissions Exam

GPA for admissions eligibility: 2.50

High School prerequisite courses: 1 year science [College Placement Biology and Lab]; 1 year Algebra [I].

College substitutions: BIO109; MAT035 Application Deadline: February 1 Program Admits: Fall semester

Note: High school Biology is waived if college Biology, preferably BIO109, is successfully completed.

GENERAL EDUCATION REQUIREMENTS RECOMMENDED SEMESTER SEQUENCE 20-22 Communication 6 **First Semester** WRT101 English Composition I BIO109 Anatomy & Physiology I 4 3 WRT... WRT201 English Composition II or 3 RAD180 Introduction to Radiography 3 WRT202 Technical Writing RAD181 Radiography I 5 RAD182 Radiography Clinical I 1 English Composition I **Humanities and Social Sciences*** 6 WRT101 3 Two general education courses selected from the following 16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy BIO209 Anatomy & Physiology II 4 and Religion (PHR); World Languages and Cultures (LAN); RAD276 Principles of Imaging Equipment 3 Economics (ECO); Geography (GEO); Political Science (POL); RAD281 Radiography II 4 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). RAD282 Radiography Clinical II 2 WRT201 English Composition II WRT... 3 or WRT202 Technical Writing Mathematics, Natural Sciences, & Technology 8 BIO109 Anatomy & Physiology I 16 4 BIO209 Anatomy & Physiology II 4 Summer Semester RAD283 Intermediate Radiography Clinical 3 PROGRAM REQUIREMENTS RAD280 Principles of Image Production 44 3 RAD180 Introduction to Radiography 3 6 RAD181 Radiography I 5 RAD182 Radiography Clinical I Third Semester 1 RAD281 Radiography II 4 RAD183 Radiographic Pathology RAD282 Radiography Clinical II 2 RAD184 Advanced Imaging Equipment & RAD285 Radiography III **Patient Care Practices** 4 RAD286 Radiography Clinical III RAD285 2 Radiography III 4 Radiography Clinical III RAD288 Radiography IV 4 RAD286 2 RAD289 Radiography Clinical IV 3 MAT150 Statistics I 3 RAD183 Radiographic Pathology 2 13 RAD184 Advanced Imaging Equipment & Patient Care Practices 2 RAD275 Therapeutic & Imaging Modalities **Fourth Semester** 3 Therapeutic & Imaging Modalities RAD276 Principles of Imaging Equipment RAD275 1 RAD283 Intermediate Radiography Clinical 3 RAD288 Radiography IV 4 RAD280 Principles of Image Production 3 RAD289 Radiography Clinical IV 3 RAD290 Senior Student Seminar 3 **Humanities Elective*** 3 Social Science Elective* 3 PROGRAM SUPPORT REQUIREMENTS 6 14 MAT150 Statistics I 3 Summer Semester RAD290 Senior Student Seminar 3 **TOTAL CREDITS** 68 3

Specific Program Notes

*General Education Course List – see page 1.

14

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN HEALTH PROFESSIONS

Program: Health Professions - Respiratory Care

Degree: Associate in Applied Science

Code: AAS.HP.RESP

Program Length: 24 months; GPA for admissions eligibility: 2.00; High School prerequisite courses: Chemistry with lab; Biology with lab; Algebra; College substitutions: BIO109; CHM100; MAT035

Application Deadline: February 1; Program Admits: Fall semester

Pre-admission Test: Respiratory Care Admissions Examination – beginning with Fall 2013 applications Note: High school Biology is waived if college Biology, preferably BIO109, is successfully completed.

RECOMMENDED SEMESTER SEQUENCE **GENERAL EDUCATION REQUIREMENTS** 20 Communication 6 **First Semester** WRT101 English Composition I 3 BIO109 Anatomy & Physiology I 4 WRT201 English Composition II 3 RSP110 Respiratory Care Pharmacology 2 RSP119 Introduction to Respiratory Care 4 **Humanities and Social Sciences*** 6 **RSP121** Respiratory Care Clinical Two general education courses selected from the following Externship I (16 hrs/wk x 9 wks = fields, with no more than one course in any one field: 144 hrs) WRT101 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema English Composition I 3 Studies [CIN]); History (HIS); Literature (LIT); Philosophy 14 and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); Second Semester Psychology (PSY); Sociology (SOC) and Anthropology (ANT). BIO209 Anatomy & Physiology II 4 CHM112 College Chemistry 4 Mathematics, Natural Sciences, & Technology 8 RSP210 Cardiopulmonary Diseases and 3 BIO109 Anatomy & Physiology I Disorders 4 BIO209 Anatomy & Physiology II RSP220 Fundamentals of Respiratory 3 4 Critical Care RSP222 Cardiopulmonary Anatomy and 2 **PROGRAM REQUIREMENTS** Physiology 45 Respiratory Care Clinical **BIO104 Microbiology** 4 RSP225 2 CHM112 College Biochemistry 4 Externship II (16 hrs/wk = 240 hrs) RSP110 Respiratory Care Pharmacology 2 18 RSP119 Introduction to Respiratory Care 4 RSP210 Cardiopulmonary Diseases and Disorders 3 Summer Session RSP220 Fundamentals of Respiratory Critical Care 3 RSP226 Respiratory Care Clinical 2 RSP222 Cardiopulmonary Anatomy and Physiology 2 Externship III (40 hrs/wk = 240 hrs -RSP240 Diagnostic Monitoring & Patient Assessment 4 Based on 6 weeks) RSP241 Neonatal and Pediatric Respiratory Care 3 2 RSP250 Respiratory Critical Care 4 RSP260 Special Topics in Respiratory Care 3 **Third Semester** Microbiology BIO104 4 **Clinical Externship Courses** RSP231 Respiratory Care Clinical 2 RSP121 Respiratory Care Clinical Externship I Externship IV (16 hrs/wk = 240 hrs) 1 RSP125 Respiratory Care Clinical Externship II RSP240 Diagnostic Monitoring and 4 2 RSP226 Respiratory Care Clinical Externship III 2 Patient Assessment RSP231 Respiratory Care Clinical Externship IV 2 RSP250 Respiratory Critical Care 4 RSP235 Respiratory Care Clinical Externship V 2 WRT201.. English Composition II 3 17 **TOTAL CREDITS Fourth Semester** 65 RSP235 Respiratory Care Clinical 2 Externship V (16 hrs/wk = 240 hrs) RSP241 Neonatal and Pediatric 3 Respiratory Care RSP260 Special Topics in Respiratory Care 3 3 Humanities Elective* Social Science Elective* 3

Specific Program Notes

*General Education Course List – see page 1.

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by Placement Testing

Successful completion of program and exit examinations are required for graduation.

Program: Health Professions - Veterinary Technology

Degree: Associate in Applied Science

Code: AAS.HP.VET Program Length: 24 months

Preadmission Test: Veterinary Technology Admissions Exam

GPA for admissions eligibility: 2.00

Prerequisites: BIO115; VET102; VET103; CHM112; WRT101; MAT035 Application Deadline: October 1; Program Admits: Spring semester

Note: Applicants will only be accepted once the prerequisites stated above have been successfully completed. Applicants are strongly encouraged to meet with a program official regarding application procedures. Travel is required for all students enrolled in this program.

GENERAL EDUCATION REQUIREMENTS RECOMMENDED SEMESTER SEQUENCE 20-22 Communication 6 **First Semester** WRT101 English Composition I 3 VET102 Intro to Veterinary Technology WRT201 English Composition II **VET103** Veterinary Medical Terminology 1 3 BIO115 Vertebrate Anatomy & Physiology I 4 **Humanities and Social Sciences*** 6 CHM112 College Chemistry 4 English Composition I Two general education courses selected from the following WRT101 3 fields, with no more than one course in any one field: 13 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy **Second Semester** and Religion (PHR); World Languages and Cultures (LAN); VET104 Research Animal Technology 3 Economics (ECO); Geography (GEO); Political Science (POL); VET110 Nutrition & Principles of Feeding 2 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). VET112 Veterinary Pharmacology 3 BIO215 Vertebrate Anatomy & Physiology II 4 Mathematics, Natural Science, & Technology English Composition II 8 **WRT201** 3 **BIO104 Microbiology** 4 15 CHM112 College Chemistry 4 Summer Session Microbiology PROGRAM REQUIREMENTS 38 BIO104 4 VET102 Introduction to Veterinary Technology VET220 Veterinary Tech Externship I† 1 1 VET103 Veterinary Medical Terminology Humanities Elective* 3 1 VET104 Research Animal Technology 3 8 VET110 Nutrition and Principles of Feeding 2 VET112 Veterinary Pharmacology 3 **Third Semester** VET203 Veterinary Nursing I 3 VET203 Veterinary Nursing I 3 VET204 Veterinary Dental Techniques 3 VET204 Veterinary Dental Techniques 3 VET205 Clinical Laboratory Procedures I 3 VET205 Clinical Laboratory Procedures I 3 3 VET207 Diagnostic Imaging **VET207** Diagnostic Imaging 3 VET214 Veterinary Nursing II 3 12 VET216 Veterinary Office Management 2 VET217 Clinical laboratory Procedures II **Fourth Semester** 3 VET214 VET219 Surgical Assistance and Anesthesia 3 Veterinary Nursing II 3 VET218 Farm Animal Nursing 3 VET217 Clinical Laboratory Procedures II 3 VET220 Veterinary Technology Externship I 1 VET216 Veterinary Office Management 2 VET221 Veterinary Technology Externship II VET219 Surgical Assistance & Anesthesia 3 1 Social Science Elective* 3 PROGRAM SUPPORT REQUIREMENTS 8 14 BIO115 Vertebrate Anatomy and Physiology I 4 BIO215 Vertebrate Anatomy and Physiology II 4 Summer Session VET218 Farm Animal Nursing†† 3 VET221 Veterinary Tech Externship II† 1 **TOTAL CREDITS** 66

Specific Program Notes

*General Education Elective(s) – see page 1.

†Student enrollment in VET 220 and VET 221 requires permission from the Academic Department Chair.

††VET218 is taught off-campus.

NOTE: BIO115, CHM112, WRT101, VET102, and VET103 are prerequisite courses that each student must take in order to be eligible for program admission.

Program: Nursing, Day Session Degree: Associate in Applied Science

Code: AAS.NURS.DAY

Program Length: 2 academic years

Preadmission Test: Nursing Program Admissions Exam

GPA for admissions eligibility: 2.50

High School prerequisite courses: Chemistry and Biology with lab; Algebra College substitutions: CHM100; BIO109; MAT035 or

MAT031/032

Application Deadline: February 1 for fall admission. Program Admits: Fall semester.

The day nursing program accepts students for fall only.

The total number of credits required for the AAS degree in Nursing is 66.

GENERAL EDUCATION REQUIREMENTS RECOMMENDED SEMESTER SEQUENCE 20 Communication 6 **First Semester** WRT101 English Composition I 3 BIO109 Anatomy & Physiology I 4 WRT201 English Composition II **NUR181 Physical Assessment** 1 3 **NUR182** Pharmacology for Nurses 1 **Humanities* and Social Sciences** 6 **NUR183** Basic Concepts & Skills of Nursing 6 PSY101 One general education course selected from the 3 General Psychology 3 English Composition I Following fields: Arts (Art [ART], Music [MUS], WRT101 3 Theatre Arts [THR], Cinema Studies [CIN]); 18 History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). **Second Semester** Anatomy & Physiology II 4 BIO209 PSY101 General Psychology 3 NUR281 Adult Health Nursing A 4 NUR282 Adult Health Nursing B 4 Developmental Psychology Mathematics, Natural Sciences, & Technology 8 **PSY106** 3 BIO109 Anatomy & Physiology I WRT201 English Composition II 3 4 BIO209 Anatomy & Physiology II 4 18 PROGRAM REQUIREMENTS 37 Third Semester **BIO104 Microbiology** BIO104 Microbiology 4 NUR284 **NUR181 Physical Assessment** Maternal-Child Health Nursing 5 1 NUR182 Pharmacology for Nurses NUR285 Mental Health Nursing 4 1 NUR183 Basic Concepts & Skills of Nursing 6 SOC101 3 Sociology NUR281 Adult Health Nursing A 4 16 NUR282 Adult Health Nursing B 4 NUR290 Adult Health Nursing C 4 **Fourth Semester** NUR291 Adult Health Nursing D 4 NUR290 Adult Health Nursing C 4 NUR284 Maternal-Child Health Nursing NUR291 Adult Health Nursing D 5 4 NUR285 Mental Health Nursing 4 **Humanities Elective*** 3 3 **Humanities Elective** PROGRAM SUPPORT REQUIREMENTS (need not be General Ed course) 9 Humanities Elective (need not be Gen Ed course) 3 14 PSY106 Developmental Psychology 3 SOC101 Sociology 3 **TOTAL CREDITS** 66

Specific Program Notes

*General Education Course List – see page 1.

<u>Former WEX requirements:</u> WEX101 Dynamics of Health & Fitness (2 credits) and a 200-level WEX Dynamics of Health & Fitness Experience (1 credit) were required for all nursing students admitted prior to fall 2012. The total number of credits such students must complete is 69 (36 general education, 33 nursing). Students admitted in September 2012 and thereafter are NOT required to take WEX courses. The total number of credits those students must complete is 66 (33 general education, 33 nursing).

Program: Nursing, Evening Session Degree: Associate in Applied Science

Code: AAS.NURS.EVE

Program Length: 2 academic years; Preadmission Test: Nursing Program Admissions Exam

GPA for admissions eligibility: 2.50; High School prerequisite courses: Chemistry and Biology with lab; and Algebra; College substitutions: CHM100; BIO109; MAT035 or MAT031/032; College prerequisite courses: BIO109 and BIO209; WRT101 and WRT201; PSY101 and PSY106; SOC101.

Application Deadline: October 1 for spring admission. Program Admits: Spring semester.

The total number of credits required for the AAS degree in Nursing is 66.

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by Placement Testing.

GENERAL EDUCATION REQUIREMENTS	20	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Sem	ester	
WRT101 English Composition I	3	BIO109	Anatomy & Physiology I†	4
WRT201 English Composition II	3	PSY101	General Psychology†	3
· ·		WRT101	English Composition I†	3
Humanities* and Social Sciences	6		· · · · · · · · · · · · · · · · · · ·	10
One general education course selected from the	3	'-		
Following fields: Arts (Art [ART], Music [MUS],		Second S		
Theatre Arts [THR], Cinema Studies [CIN]);		BIO209	Anatomy & Physiology II†	4
History (HIS); Literature (LIT); Philosophy and		PSY106	Developmental Psychology†	3
Religion (PHR); World Languages and Cultures (LAN).		WRT201	English Composition II†	3
PSY101 General Psychology	3	_		10
	_	Summer S		
Mathematics, Natural Sciences, & Technology	8	SOC101	Sociology†	3
BIO109 Anatomy & Physiology I	4			3
BIO209 Anatomy & Physiology II	4	Third Sen	nester	
PROGRAM REQUIREMENTS	37	NUR181	Physical Assessment	1
BIO104 Microbiology	4	NUR182	Pharmacology for Nurses	1
NUR181 Physical Assessment	1	NUR183	Basic Concepts & Skills of Nursing	6
NUR182 Pharmacology for Nurses	1			8
NUR183 Basic Concepts & Skills of Nursing	6			
NUR281 Adult Health Nursing A	4	Fourth Se	emester	
NUR282 Adult Health Nursing B	4	NUR281	Adult Health Nursing A	4
NUR290 Adult Health Nursing C	4	NUR282	Adult Health Nursing B	4
NUR291 Adult Health Nursing D	4		-	8
NUR284 Maternal-Child Health Nursing	5			
NUR285 Mental Health Nursing	4	Fifth Sem	ester / Summer	
		BIO104	Microbiology	4
PROGRAM SUPPORT REQUIREMENTS	9			4
Humanities Electives (need not be Gen Ed course)	3			
PSY106 Developmental Psychology	3	Sixth Sem		
SOC101 Sociology	3	NUR284	Maternal-Child Health Nursing	5
		NUR285	Mental Health Nursing	4
TOTAL CREDITS	66			9
		Seventh S		
			Humanities Elective*	3
Specific Program Notes			Humanities Elective	3
*General Education Course List – see page 1.			(need not be General Ed course)	
†Evening nursing applicants cannot be accepted until g				6
co-requisites (7 courses) have been completed. The Ev nursing program accepts students for spring only.	ening	Eighth Se	emester	
Truising program accepts students for spring only.		Lightin Oc		. 1

<u>Former WEX requirements:</u> WEX101 Dynamics of Health & Fitness (2 credits) and a 200-level WEX Dynamics of Health & Fitness Experience (1 credit) were required for all nursing students admitted prior to fall 2012. The total number of credits such students must complete is 69 (36 general education, 33 nursing). Students admitted in September 2012 and thereafter are NOT required to take WEX courses. The total number of credits those students must complete is 66 (33 general education, 33 nursing).

NUR290

NUR291

Adult Health Nursing C

Adult Health Nursing D

4

4

8

Program: Health Professions and Career Technologies - Interdisciplinary Program in Medical Informatics Degree: Associate in Applied Science Code: AAS.MED.INFO

GENERAL EDUCATION REQUIREMENTS	20-22	RECOMMENDED SEMESTER SEQUENCE
GENERAL EDUCATION REQUIREMENTS	20-22	RECOMMENDED SEMESTER SEQUENCE
Communication	6	First Semester
WRT101 English Composition I	3	BIO109 Anatomy & Physiology I
WRT WRT201 English Composition II or	3	INF101 Intro to Information Technology
WRT202 Technical Writing		INF Programming Language
		Fundamentals Elective*
Humanities and Social Sciences***	6	MOA140 Medical Terminology
Two general education courses selected from the following		WRT101 English Composition I
fields, with no more than one course in any one field:		1
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy		Second Semester
and Religion (PHR); World Languages and Cultures (LAN);		BIO209 Anatomy & Physiology II
Economics (ECO); Geography (GEO); Political Science (POL);		INF Advanced Programming Language
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		Elective**
		MOA201 Diagnostic & Procedural Coding
Mathematics, Natural Science, & Technology	8	WRT WRT201 English Composition II
BIO109 Anatomy & Physiology I	4	or WRT202 Technical Writing
BIO209 Anatomy & Physiology II	4	Humanities Elective***
		1
PROGRAM REQUIREMENTS	37	
INF Programming Language Fundamentals Elective*	3	Third Semester
INF Advanced Programming Language Elective**	3	INF217 Database for Applications [Oracle]
INF101 Introduction to Information Technology	3	MOA141 Intro to Medical Assisting
INF217 Database for Applications	3	MOA218 Medical Economics
INF218 Database Programming	3	MAT Mathematics Elective*** 3-
INF219 Database Administration	3	Humanities Elective***
INF239 Applications Development	3	WEX101 Dynamics of Health & Fitness
MOA140 Medical Terminology	3	16-1
MOA141 Intro to Medical Assisting	3	
MOA200 Pharmacology for Medical Office Assistants	2	Fourth Semester
MOA201 Diagnostic & Procedural Coding	3	BUS101 Introduction to Business
MOA218 Medical Economics	2	INF218 Database Programming
BUS101 Introduction to Business	3	INF219 Database Administration
		INF239 Applications Development
PROGRAM SUPPORT REQUIREMENTS	8-9	MOA200 Pharmacology for MOAs
MAT Mathematics Elective***	3-4	Social Science Elective***
WEX101 Dynamics of Health & Fitness	2	1
Humanities Elective***	3	

Specific Program Notes

TOTAL CREDITS

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

^{*}Programming Language Fundamentals Elective – INF145, INF152, or INF153.

**Advanced Programming Language Elective – INF224, INF246, or INF268.

***General Education Elective(s) – see page 1.

Code: AAS.IDT.DRFT **GENERAL EDUCATION REQUIREMENTS** 20 RECOMMENDED SEMESTER SEQUENCE 6 Communication First Semester WRT101 English Composition I 3 DFT107 Drafting I 2 WRT202 Technical Writing 3 DFT210 Computer Aided Drafting I 3 MFG122 Machine Tool Principles I 3 **Humanities and Social Sciences*** 6 WRT101 English Composition I 3 Two general education courses selected from the following Social Science Elective* 3 fields, with no more than one course in any one field: Free Elective† 2 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 16 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Second Semester Economics (ECO); Geography (GEO); Political Science (POL); DFT207 Drafting II 3 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). DFT208 Engineering Graphics I 3 WRT202 **Technical Writing** 3 Mathematics, Natural Science, & Technology 8 **Humanities Elective*** 3 PHY185 Introduction to Physics Free Elective† 3 4 CHM102 Chemistry in Context 15 **PROGRAM REQUIREMENTS** 40-41 **Third Semester** DFT107 Drafting I DFT209 Civil Engineering Methods 3 2 DFT210 Computer Aided Drafting I 3 DFT215 **Building Systems** 3 DFT207 Drafting II Architectural Drafting DFT262 3 3 DFT208 Engineering Graphics I 3 DFT265 Architectural Practice & Planning 3 2 **DFT209 Civil Engineering Methods** 3 HRT104 Landscape Plants & Materials I 3 PHY185 Introduction to Physics **DFT215 Building Systems** 4 **DFT262 Architectural Drafting** 3 18 **DFT263 Architectural Design** 3 DFT265 Architectural Practice & Planning 3 **Fourth Semester** DFT266 Materials & Methods of Construction DFT263 Architectural Design 3 Materials & Methods of Construction DFT270 Building Information Modeling DFT266 3 3 DFT282 Technical Illustration or 3 DFT463 Co-Op Work Exp (Drafting) DFT282 Technical Illustration 3 Problem Solving Using Technology **TEC180** 4 CHM102 Chemistry in Context 4 or TEC180 Problem Solving Using Technology 4 **DFT270 Building Information Modeling** 3 MFG122 Machine Tool Principles I 3 HRT104 Landscape Plants & Materials I 2 MFG463 Co-Op Work Exp (Drafting) 16-17 **FREE ELECTIVES** 5

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1.

Program: Career Technologies - Drafting and Design Technology

Degree: Associate in Applied Science

†WEX101 Dynamics of Health and Fitness (2 cr.) and COM100 Speech Communication (3 cr.) are recommended.

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

66

Degree: Associate in Applied Science Code: AAS.IDT.ELECT.TECH **GENERAL EDUCATION REQUIREMENTS** 20 RECOMMENDED SEMESTER SEQUENCE 6 Communication First Semester WRT101 English Composition I 3 ELC100 Intro to Electronics Technology 2 WRT202 Technical Writing 3 ELC101 DC-Circuit Analysis 4 PHY185 Introduction to Physics 4 **Humanities and Social Sciences*** 6 **TEC180** Problem Solving Using Technology 4 Two general education courses selected from the following WRT101 English Composition I 3 fields, with no more than one course in any one field: 17 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy Second Semester and Religion (PHR); World Languages and Cultures (LAN); **AC-Circuit Analysis** ELC201 4 Economics (ECO); Geography (GEO); Political Science (POL); ELC203 Electronics I 4 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). CHM102 Chemistry in Context 4 COM... COM100 Speech Communication 3 Mathematics, Natural Science, & Technology 8 or COM102 Public Speaking CHM102 Chemistry in Context 4 WEX101 Dynamics of Health & Fitness 2 PHY185 Introduction to Physics 4 17 **PROGRAM REQUIREMENTS** 41 Third Semester DFT107 Drafting I 2 DFT107 Drafting I 2 **ELC100 Intro to Electronics Technology** 2 ELC204 Electronics II 4 **ELC101 DC-Circuit Analysis** 4 ELC214 Communication Systems I 4 ELC201 AC-Circuit Analysis 4 MFG122 Machine Tool Principles I 3 3 WRT202 **Technical Writing** ELC203 Electronics I 4 ELC204 Electronics II 4 16 ELC214 Communication Systems I 4 ELC215 Communication Systems II 4 **Fourth Semester** Communication Systems II MFG122 Machine Tool Principles I 3 ELC215 4 MFG124 Applied Metrology 3 MFG124 Applied Metrology 3 MFG206 Concepts of Industrial Design 3 MFG206 Concepts of Industrial Design 3 TEC180 Problem Solving Using Technology 3 4 **Humanities Elective*** Social Science Elective* 3 PROGRAM SUPPORT REQUIREMENTS 5 16 COM... COM100 Speech Communication 3 or COM102 Public Speaking 2 WEX101 Dynamics of Health & Fitness **TOTAL CREDITS** 66

Specific Program Notes

*General Education Elective(s) - see page 1.

Program: Career Technologies - Electronics Technology

Degree: Associate in Applied Science Code: AAS.IDT.ENGIN.TECH **GENERAL EDUCATION REQUIREMENTS** 20 RECOMMENDED SEMESTER SEQUENCE 6 Communication **First Semester** WRT101 English Composition I 3 ELC101 DC-Circuit Analysis 4 WRT202 Technical Writing 3 PHY185 Introduction to Physics 4 TEC180 Problem Solving Using Technology 4 **Humanities and Social Sciences*** 6 **WRT101 English Composition I** 3 Two general education courses selected from the following WEX101 Dynamics of Health & Fitness 2 fields, with no more than one course in any one field: 17 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy **Second Semester** and Religion (PHR); World Languages and Cultures (LAN): CHM102 Chemistry in Context 4 Economics (ECO); Geography (GEO); Political Science (POL); **DFT107** Drafting I 2 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). ELC201 4 **AC-Circuit Analysis** ELC203 Electronics I 4 Mathematics, Natural Science, & Technology 8 COM... COM100 Speech Communication 3 or COM102 Public Speaking CHM102 Chemistry in Context 4 PHY185 Introduction to Physics 4 17 **PROGRAM REQUIREMENTS** 40 **Third Semester** DFT107 Drafting I 2 DFT207 Drafting II 3 DFT207 Drafting II 3 ELC204 Electronics II 4 Machine Tool Principles I **DFT209 Civil Engineering Methods** 3 MFG122 3 DFT210 Computer Aided Drafting I **WRT202 Technical Writing** 3 3 3 Humanities Elective' MFG119 Pro/Engineer Design I 16 **ELC101 DC-Circuit Analysis** 4 **Fourth Semester** ELC201 AC-Circuit Analysis 4 ELC203 Electronics I 4 DFT209 Civil Engineering Methods 3 ELC204 Electronics II 4 DFT210 Computer Aided Drafting I 3 MFG122 Machine Tool Principles I 3 or Pro/Engineer Design I MFG124 Applied Metrology 3 MFG119 MFG206 Concepts of Industrial Design 3 MFG124 Applied Metrology 3 TEC180 Problem Solving Using Technology 4 MFG206 Concepts of Industrial Design 3 Social Science Elective* 3 PROGRAM SUPPORT REQUIREMENTS 5 15 COM... COM100 Speech Communication 3 or COM102 Public Speaking WEX101 Dynamics of Health & Fitness 2 **TOTAL CREDITS** 65

Specific Program Notes

*General Education Elective(s) - see page 1.

Program: Career Technologies - General Engineering Technology

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE | CAREER PROGRAMS IN CAREER TECHNOLOGIES

Program: Career Technologies – Manufacturing Technology Degree: Associate in Applied Science Code: AAS.IDT.MFG.TECH

GENERAL EDUCATION REQUIREMENTS	20	RECOMM	ENDED SE
Communication	6	First Sem	ester
WRT101 English Composition I	3	DFT107	Drafting I
WRT202 Technical Writing	3	MFG122	Machine
•		MFG124	Applied N
Humanities and Social Sciences*	6	WRT101	English C
Two general education courses selected from the following		ELC110	Electric F
fields, with no more than one course in any one field:			c
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		TEC180	Problem
Studies [CIN]); History (HIS); Literature (LIT); Philosophy			
and Religion (PHR); World Languages and Cultures (LAN);			
Economics (ECO); Geography (GEO); Political Science (POL);		Second S	
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		MFG222	Machine
	_	MFG229	Materials
Mathematics, Natural Science, & Technology	8	WRT202	Technica
PHY185 Introduction to Physics	4		Humaniti
CHM102 Chemistry in Context	4		Free Elec
PROGRAM REQUIREMENTS	41		
DFT107 Drafting I	2	Third Sen	nester
DFT210 Computer Aided Drafting I	3	MFG119	Pro/Engir
MFG119 Pro/Engineer Design I	3	MFG226	Methods.
MFG122 Machine Tool Principles I	3		& Estima
MFG124 Applied Metrology	3	MFG227	CNC Pro
MFG130 Welding Technology I	3	MFG130	Welding ¹
MFG206 Concepts of Industrial Design	3	PHY185	Introducti
MFG222 Machine Tool Principles II	3		,
MFG226 Methods, Fixture Design, & Estimating	4		,
MFG227 CNC Programming I	3	Fourth Se	mester
MFG229 Materials Processing & Fabrication	4	DFT210	Compute
MFG228 CNC Programming II		MFG206	Concepts
or	3	CHM102	Chemistr
MFG463 Co-Op Work Exp (Manufacturing)			Social So
ELC110 Electric Power Technology			Free Elec
or	4	MFG228	CNC Pro
TEC180 Problem Solving Using Technology			0
	-	MFG463	Co-Op W
FREE ELECTIVES	5		
TOTAL CREDITS	66		

SEMESTER SEQUENCE

First Sem	ester	
DFT107	Drafting I	2
MFG122	Machine Tool Principles I	3
MFG124	Applied Metrology	3
WRT101	English Composition I	3
ELC110	Electric Power Technology	
	or	4
TEC180	Problem Solving Using Technology	
		15

Second Se	eniester	
MFG222	Machine Tool Principles II	3
MFG229	Materials Processing & Fabrication	4
WRT202	Technical Writing	3
	Humanities Elective*	3
	Free Elective†	3
		16

Third Sen	nester	
MFG119	Pro/Engineer Design I	3
MFG226	Methods, Fixture Design,	3
	& Estimating	
MFG227	CNC Programming I	4
MFG130	Welding Technology I	3
PHY185	Introduction to Physics	4
		17

Fourth Se	mester	
DFT210	Computer Aided Drafting I	3
MFG206	Concepts of Industrial Design	3
CHM102	Chemistry in Context	4
	Social Science Elective*	3
	Free Elective†	2
MFG228	CNC Programming II	
	or	3
MFG463	Co-Op Work Exp (Manufacturing)	
		18

Specific Program Notes

*General Education Elective(s) – see page 1. †COM100 Speech Communication (3 cr.) and WEX101 Dynamics of Health and Fitness (2 cr.) are recommended.

Degree: Associate in Applied Science Code: AAS.ST.HORT **GENERAL EDUCATION REQUIREMENTS** 20 RECOMMENDED SEMESTER SEQUENCE 6 Communication First Semester WRT101 English Composition I HRT101 Fundamentals of Horticulture 3 3 WRT... WRT201 English Composition II or 3 HRT102 Plant Science 4 WRT202 Technical Writing HRT104 Landscape Plants & Materials I 2 BIO130 People-Plant Relations 4 **Humanities and Social Sciences*** 6 **WRT101** English Composition I 3 Two general education courses selected from the following 16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy Interior Plantscaping HRT120 3 and Religion (PHR); World Languages and Cultures (LAN); HRT232 Plant Propagation 4 Economics (ECO); Geography (GEO); Political Science (POL); HRT233 4 Landscape Plants & Materials II Psychology (PSY); Sociology (SOC) and Anthropology (ANT). WRT201 **English Composition II** 3 Social Science Elective* 3 17 Mathematics, Natural Science, & Technology 8 **BIO130 People-Plant Relations** 4 **BIO131 General Botany** 4 **Third Semester** HRT103 Turf and Ground Management 3 **PROGRAM REQUIREMENTS** 41-42 HRT112 Pests and Ornamental Plants 4 HRT101 Fundamentals of Horticulture 3 HRT204 Landscape Graphics 2 HRT102 Plant Science HRT236 Horticulture Marketing and Sales 4 3 HRT103 Turf and Ground Management 3 BIO108 Intro to Environmental Biology 4 2 HRT104 Landscape Plants & Materials I 16 HRT112 Pests and Ornamental Plants 4 HRT113 Principles of Landscaping 3 **Fourth Semester** HRT120 Interior Plantscaping 3 BUS101 Introduction to Business 3 Principles of Landscaping HRT204 Landscape Graphics 2 HRT113 3 HRT232 Plant Propagation 4 HRT462 Co-Op Work Exp (Horticulture) 3 HRT233 Landscape Plants & Materials II 4 HRT... Restricted HRT Elective† 3-4 HRT236 Horticulture Marketing and Sales 3 Humanities Elective* 3 HRT462 Co-Op Work Exp (Horticulture) 3 15-16 HRT... Restricted HRT Elective 3-4 PROGRAM SUPPORT REQUIREMENTS 3

Specific Program Notes

TOTAL CREDITS

BUS101 Introduction to Business

*General Education Elective(s) - see page 1.

†Restricted HRT Elective: HRT115, HRT119, HRT235, HRT237.

Program: Career Technologies - Science Technology, Horticulture

Students enrolled in this program **ARE NOT REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

3

Program: Career Technologies – Science Technology, Horticulture – Landscape/Design/Build Option Degree: Associate in Applied Science

Code: AAS.ST.LAND

Communication 6 WRT101 English Composition I 3 WRT... WRT201 English Composition II or WRT202 Technical Writing 3

Humanities and Social Sciences* Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematics, Natural Science, & Technology8BIO130 People-Plant Relations4BIO108 Intro to Environmental Biology4

PROGRAM REQUIREMENTS	44-45
HRT102 Plant Science	4
HRT103 Turf and Ground Management	3
HRT104 Landscape Plants & Materials I	2
HRT113 Principles of Landscaping	3
HRT114 Computer Applications for Landscape Design	3
HRT130 Landscape Contracting	1
HRT204 Landscape Graphics	2
HRT213 Sustainable Design & Construction	3
HRT214 Landscape Design/Build Capstone	4
HRT215 Landscape Design/Build Management	3
HRT233 Landscape Plants & Materials II	4
HRT235 Landscape Site Analysis & Construction	3
HRT236 Horticulture Marketing and Sales	3
HRT462 Co-Op Work Exp (Horticulture)	3
HRT Restricted HRT Elective	3-4

RECOMMENDED SEMESTER SEQUENCE

First Semester

6

HRT102	Plant Science	4
HRT104	Landscape Plants & Materials I	2
HRT113	Principles of Landscaping	3
BIO130	People-Plant Relations	4
WRT101	English Composition I	3
		16

Second Semester

HRT204	Landscape Graphics	2
HRT233	Landscape Plants & Materials II	4
HRT235	Landscape Site Analysis and	3
	Construction	
WRT201	English Composition II	3
	Social Science Elective*	3
	_	15

Summer Semester

HRT130	Landscape Contracting	1
HRT462	Co-Op Work Exp (Horticulture)	3
		4

Third Semester

BIO108	Intro to Environmental Biology	4
HRT103	Turf and Ground Management	3
HRT114	Computer Applications for	3
	Landscape Design	
HRT213	Sustainable Design & Construction	3
	Humanities Elective*	3
		16

Fourth Semester

HRT214	Landscape Design/Build Capstone	4
HRT215	Landscape Design/Build	3
	Management	
HRT236	Horticulture Marketing and Sales	3
HRT	Restricted HRT Elective†	3-4
		13-14

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1.

†Restricted HRT Elective: HRT115, HRT119, HRT235, HRT237.

Students enrolled in this program **ARE** <u>NOT</u> **REQUIRED** to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

Degree: Associate in Applied Science Code: AAS.IT.DB	9			
GENERAL EDUCATION REQUIREMENTS	20-22	RECOMM	IENDED SEMESTER SEQUENCE	
Communication	6	First Sem	ester	
WRT101 English Composition I	3	BUS101	Introduction to Business	3
WRT WRT201 English Composition II or	3	INF101	Intro to Information Technology	3
WRT202 Technical Writing		INF	Programming Language	3
Ŭ			Fundamentals Elective*	
Humanities and Social Sciences†	6	INF150	Business Programming Logic	3
Two general education courses selected from the following		WRT101	English Composition I	3
fields, with no more than one course in any one field:			Humanities or Social Sciences	3
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema			Elective†	
Studies [CIN]); History (HIS); Literature (LIT); Philosophy			•	18
and Religion (PHR); World Languages and Cultures (LAN);				
Economics (ECO); Geography (GEO); Political Science (POL);		Second S	Semester	
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		INF	Advanced Programming Language Elective**	3
Mathematics, Natural Science, & Technology	7-8	INF114	Microsoft Office	3
MAT Mathematics Elective†	3-4	INF146	Web Development	3
Natural Science Elective†	4	WRT	WRT201 English Composition II	3
·			or WRT202 Technical Writing	
General Education Credits	0-3		Humanities or Social Sciences	3
If a student elects a 3-credit course in Mathematics, then the			Elective†	
3-credit Program Requirement, INF101 Intro to Information			•	15
Technology (see below), will count as a general education				
course in this category in order to meet the requirement of		Third Sen	nester	
20-22 credits in general education.		INF160	Networking Technologies and	3
			Data Communications	
PROGRAM REQUIREMENTS	45	INF208	Systems Analysis and Design	3
INF Programming Language Fundamentals Elective*	3	INF217	Database for Applications	3
INF Advanced Programming Language Elective**	3	INF253	Technical Communications	3
INF101 Introduction to Information Technology	3	MAT	Mathematics Elective†	3-4
INF114 Microsoft Office	3			15-16
INF146 Web Development	3			
INF150 Business Programming Logic	3	Fourth Se	emester	
INF160 Network Technologies and Data Communications	3	INF218	Database Programming	3
INF208 Systems Analysis & Design	3	INF219	Database Administration	3
INF217 Database for Applications	3	INF239	Applications Development	3
INF218 Database Programming	3		Restricted Elective***	3
INF219 Database Administration	3		Natural Science Elective†	4
INF239 Applications Development	3			16
INF253 Technical Communications	3			
Restricted Elective***	3			
BUS101 Introduction to Business	3			
TOTAL CREDITS	64-65			

Specific Program Notes

*Programming Language Fundamentals Elective – INF145, INF152, INF153. **Advanced Programming Language Elective – INF224, INF246, INF268.

Program: Information Technology – Database Programming and Administration

- ***Restricted Elective GAM111; INF130; INF267; INF145; INF152; INF153; ACC110; BUS271; or WEX101 and INF228.
- †General Education Elective(s) see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223.

Program: Information Technology – Networking Administra Degree: Associate in Applied Science Code: AAS.IT.NET	tion			
GENERAL EDUCATION REQUIREMENTS	20-22	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Sem		
WRT101 English Composition I	3	INF101	Intro to Information Technology	3
WRT WRT201 English Composition II or WRT202 Technical Writing	3	INF108	PC Upgrade, Maintenance and Diagnosis	3
Humanities and Social Sciences*	6	INF160	Networking Technologies and Data Communications	3
Two general education courses selected from the following		INF114	Microsoft Office	3
fields, with no more than one course in any one field:		WRT101	English Composition I	3
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy			Humanities or Social Sciences Elective*	3
and Religion (PHR); World Languages and Cultures (LAN);				18
Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		Second S		
		BUS101	Introduction to Business	3
Mathematics, Natural Science, & Technology	7-8	INF272	Windows Active Directory	3
MAT Mathematics Elective*	3-4	INF232	Windows Client	3
Natural Science Elective*	4	WRT	WRT201 English Composition II or WRT202 Technical Writing	3
General Education Credits	0-3		Humanities or Social Sciences	3
If a student elects a 3-credit course in Mathematics, then the			Elective*	
3-credit Program Requirement, INF101 Intro to Information				15
Technology (see below), will count as a general education		Third Com		
course in this category in order to meet the requirement of		Third Sen	Windows Server	2
20-22 credits in general education.		INF252 INF253	Technical Communications	3
PROGRAM REQUIREMENTS	45	INF253	UNIX/Linux for Network	3
INF101 Intro to Information Technology	45 3		Administrators	
INF108 PC Upgrade, Maintenance and Diagnosis	3	INF265	Network Configuration I	3
INF114 Microsoft Office	3		Natural Science Elective*	4
INF160 Network Technologies and Data Communications	3			17
INF232 Windows Client INF252 Windows Server	3 3	Fourth Se	mostor	
INF253 Technical Communication	3	INF256	Topics in Networking	
INF254 UNIX for the Network Administrator	3	1141-250	or	3
INF256 Topics in Networking	3	INF219	Database Administration	0
INF257 Network Troubleshooting	3	INF257	Network Troubleshooting	3
INF265 Network Configuration I	3	INF267	Network Froubleshooting Network Security	3
INF267 Network Security	3	1141 207	Restricted Elective**	3
INF272 Windows Active Directory	3	MAT	Mathematics Elective*	3-4
BUS101 Introduction to Business	3	IVIC I	Madicinatics Liective	15-16
Restricted Elective‡	3 3			10-10
TOTAL CREDITS	64-65			

Specific Program Notes
*General Education Elective(s) – see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223.
**Restricted Elective – INF146; INF150; INF270; INF271; INF273; BUS271; or WEX101 and INF228.

Degree: Associate in Applied Science Code: AAS.IT.WEB				
GENERAL EDUCATION REQUIREMENTS	20-22	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Sem	ester	
WRT101 English Composition I	3	BUS101	Introduction to Business	3
WRT WRT201 English Composition II or	3	INF101	Intro to Information Technology	3
WRT202 Technical Writing		INF	Programming Language Fundamenta Elective*	
Humanities and Social Sciences†	6	INF150	Business Programming Logic	3
Two general education courses selected from the following		WRT101	English Composition I	3
fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema			Humanities or Social Sciences Elective†	3
Studies [CIN]); History (HIS); Literature (LIT); Philosophy				18
and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL);		Second S		
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		INF	Advanced Programming Language Elective**	3
Mathematics, Natural Science, & Technology	7-8	INF114	Microsoft Office	3
MAT Mathematics Elective†	3-4	INF140	Introduction to Multimedia	3
Natural Science Elective†	4	INF146	Web Development	3
General Education Credits	0-3	WRT	WRT201 English Composition II or WRT202 Technical Writing	3
If a student elects a 3-credit course in Mathematics, then the				15
3-credit Program Requirement, INF101 Intro to Information Technology (see below), will count as a general education		Third Sen		
course in this category in order to meet the requirement of 20-22 credits in general education.		INF160	Networking Technologies and Data Communications	3
		INF208	Systems Analysis & Design	3
PROGRAM REQUIREMENTS	45	INF217	Database for Applications	3
INF Programming Language Fundamentals Elective*	3	INF253	Technical Communications	3
INF Advanced Programming Language Elective**	3	MAT	Mathematics Elective†	3-4
INF101 Introduction to Information Technology	3			15-16
INF114 Microsoft Office INF140 Introduction to Multimedia	3 3	Fourth Se		
INF146 Web Development	3	INF263	Advanced Web Development	3
INF150 Business Programming Logic	3	INF239	Applications Development	3
INF160 Networking Technologies and Data Communications	3		Restricted Elective***	3
INF208 Systems Analysis & Design	3		Natural Science Elective†	4
INF217 Database for Applications INF239 Applications Development	3 3		Humanities or Social Sciences Elective†	3
INF253 Technical Communications	3			16
INF263 Advanced Web Development BUS101 Introduction to Business	3 3			
TOTAL CREDITS	64-65			

Specific Program Notes

Program: Information Technology – Web Development and Management

- *Programming Language Fundamentals Elective INF145, INF152, or INF153.

 **Advanced Programming Language Elective INF224, INF246, or INF268.

 **Restricted Elective GAM111; INF130; INF145; INF152; INF153; INF163; INF230; INF267; BUS271; or WEX101 and INF161. †General Education Elective(s) - see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223.

Program: Software Development – Game Programming Degree: Associate in Applied Science Code: AAS.SD.GAME.PGMG				
GENERAL EDUCATION REQUIREMENTS	20-22	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Sem		
WRT101 English Composition I	3	CIS165	Fundamentals of Programming	3
WRT WRT201 English Composition II or	3	GAM110	Intro to Game Architecture & Design	
WRT202 Technical Writing		GAM111	Game Programming 2D	3
		INF101	Introduction to Information Technology	gy 3
Humanities and Social Sciences*	6	WRT101	English Composition I	3
Two general education courses selected from the following fields, with no more than one course in any one field:			Humanities or Social Sciences Elective*	3
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema				18
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN);		Second Se		
Economics (ECO); Geography (GEO); Political Science (POL);		CIS265	Advanced Programming Concepts	3
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		GAM211	Game Development 2D	3
		INF140	Introduction to Multimedia	3
Mathematics, Natural Science, & Technology	7-8	MAT	Mathematics Elective*	3-4
MAT Mathematics Elective*	3-4	WRT	WRT201 English Composition II	3
PHY186 General Physics I	4		or WRT202 Technical Writing	
				15-16
General Education Credits	0-3			
If a student elects a 3-credit course in Mathematics, then the		Third Sem		_
3-credit Program Requirement, INF101 Intro to Information		CIS277	Data Structures & Algorithms	3
Technology (see below), will count as a general education		GAM221	Game Programming 3D	3
course in this category in order to meet the requirement of		INF130	Testing & Quality Assurance	3
20-22 credits in general education.		INF230	Advanced Multimedia	3
		MAT/CIS	. Restricted Elective**	4
PROGRAM REQUIREMENTS	43			16
CIS165 Fundamentals of Programming	3	F 41- 0 -		
CIS265 Advanced Programming Concepts	3	Fourth Se		
CIS277 Data Structures & Algorithms	3	GAM222	Game Development 3D	3
GAM110 Intro to Game Architecture & Design	3	INF	Restricted Elective***	3
GAM111 Game Programming 2D	3	PHY186	General Physics I	4
GAM211 Game Development 2D GAM221 Game Programming 3D	3		Writing/Humanities Restricted Elective****	3
GAM222 Game Development 3D	3		Humanities or Social Sciences	3
INF101 Introduction to Information Technology	3		Elective*	
INF140 Introduction to Multimedia	3			16
INF130 Testing & Quality Assurance	3			
INF230 Advanced Multimedia	3			
INF Restricted Elective*** MAT/CIS Restricted Elective**	3 4			
PROGRAM SUPPORT REQUIREMENTS Writing/Humanities Restricted Elective****	3			

Specific Program Notes

TOTAL CREDITS

*General Education Elective(s) – see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223. Recommended Humanities electives: MUS101, MUS110, or ART110. Recommended Social Science electives: Psychology (PSY) courses. **MAT/CIS Restricted Elective – MAT286 or CIS288.

65-66

^{***}INF Restricted Elective - INF217 or INF146.

^{****}Writing/Humanities Restricted Elective – WRT204, MUS150, MUS151, ART122, or ART126.

Code: AAS.SD.GAME.TEST **GENERAL EDUCATION REQUIREMENTS** 20-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I 3 GAM110 Intro to Game Architecture & Design 3 WRT... WRT201 English Composition II or Game Programming 2D 3 GAM111 3 WRT202 Technical Writing INF101 Introduction to Information Technology 3 Introductory Programming Elective' 3 **Humanities and Social Sciences**** WRT101 6 English Composition I 3 Two general education courses selected from the following **Humanities or Social Sciences** 3 fields, with no more than one course in any one field: Elective** Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 18 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Second Semester Economics (ECO); Geography (GEO); Political Science (POL); GAM211 Game Development 2D 3 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). INF140 Introduction to Multimedia 3 Advanced Programming Elective*** 3 Mathematics, Natural Science, & Technology 7-8 MAT. Mathematics Elective** 3-4 MAT... Mathematics Elective** WRT... WRT201 English Composition II 3-4 3 PHY186 General Physics I or WRT202 Technical Writing 4 15-16 **General Education Credits** 0-3 If a student elects a 3-credit course in Mathematics, then the **Third Semester** 3-credit Program Requirement, INF101 Intro to Information Game Programming 3D **GAM221** 3 Technology (see below), will count as a general education INF130 Testing & Quality Assurance 3 course in this category in order to meet the requirement of INF230 Advanced Multimedia 3 20-22 credits in general education. **INF217** Database for Applications 3 INF253 **Technical Communications** 3 PROGRAM REQUIREMENTS 15 42 GAM110 Intro to Game Architecture & Design GAM111 Game Programming 2D 3 **Fourth Semester** Game Development 3D GAM211 Game Development 2D 3 GAM222 3 GAM221 Game Programming 3D 3 INF. Restricted Elective**** 3 GAM222 Game Development 3D 3 PHY186 General Physics I 4 **INF101 Introduction to Information Technology** 3 Writing/Humanities Restricted 3 Elective**** INF130 Testing & Quality Assurance 3 INF140 Introduction to Multimedia 3 **Humanities or Social Sciences** 3 **INF217 Database for Applications** 3 Elective** INF230 Advanced Multimedia 3 16 **INF253 Technical Communications** 3 INF... Restricted Elective**** 3 Introductory Programming Elective* 3 Advanced Programming Elective*** 3 PROGRAM SUPPORT REQUIREMENTS 3 Writing/Humanities Restricted Elective****

Specific Program Notes

TOTAL CREDITS

*Introductory Programming Elective - CIS165, INF145, or INF253.

**General Education Elective(s) – see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223.

Recommended Humanities electives: MUS101, MUS110, or ART101. Recommended Social Science electives: Psychology (PSY) courses.

64-65

***Advanced Programming Elective – CIS265, INF246, or INF268.

****INF Restricted Elective - INF160, INF239, or INF146.

Program: Software Development - Game Testing

Degree: Associate in Applied Science

******Writing/Humanities Restricted Elective – WRT204, MUS150, MUS151, ART122, or ART126.

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE | CAREER PROGRAMS IN CAREER TECHNOLOGIES

20 22

6

Program: Music - Recording Technology

GENERAL EDUCATION REQUIREMENTS

Degree: Associate in Applied Science	e `
Code: AAS.MUSC.REC.TECH	

GENERAL EDUCATION REQUIREMENTS	20-22
Communication	6
WRT101 English Composition I	3
WRT WRT201 English Composition II or	3
WRT202 Technical Writing	

Humanities and Social Sciences*

Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

	Mathematics, Natural Science, & Technology	7-8
	PHY185 Introduction to Physics	4
•	Math/Computer Science/Natural Science/Technology	3-4
	Elective*	

Additional General Education Elective*0-3

If needed to reach the Foundation minimum of 20-22 credits, take one course from the BCC general education course list. If an additional course is not needed for that purpose, then the student must take a 3-credit free elective.

	2
MUS101 Music Appreciation	3
MUS103 Fundamentals of Music	3
MUS119 Songwriting Workshop	2
MUS131 Class Piano I	2
MUS150 Intro to MIDI Sequencing & Synthesis	3
MUS151Intro to Digital Audio Recording	3
MUS163 Careers in Music	3
MUS231 Class Piano II	2
MUS251 Studio Recording Techniques	3
MUS261 Advanced Studio Recording	3
MUS262 Concert Promotion & Production	3
MUS463/4 Co-Op Work Exp (Music)	3-4
MUS Music Electives**	
or	9
COM Mass Communication Electives***	

FREE ELECTIVE 0-3

TOTAL CREDITS 64-66

RECOMMENDED SEMESTER SEQUENCE

First Semester

MUS101	Music Appreciation	3
MUS103	Fundamentals of Music	3
MUS119	Songwriting Workshop	2
MUS131	Class Piano I	2
MUS151	Introduction to Audio Recording	3
WRT101	English Composition I	3
	_	16

Second Semester

MUS150	Intro to MIDI Sequencing &	3
	Synthesis	
MUS163	Careers in Music	3
MUS231	Class Piano II	2
MUS251	Studio Recording Techniques	3
MUS	Music Elective**	
	or	3
COM	Mass Communication Elective***	
WRT	WRT201 English Composition II	3
	or WRT202 Technical Writing	
		17

Third Semester

MUS261	Advanced Studio Recording	3
PHY185	Introduction to Physics	4
MUS	Music Elective**	
	or	3
COM	Mass Communication Elective***	
	Humanities Elective*	3
	Social Science Elective*	3
		16

Fourth Semester

MUS262	Concert Promotion & Production	3
MUS463/4	Co-Op Work Exp (Music)	3-4
MUS	Music Elective**	
	or	3
COM	Mass Communication Elective***	
	Math/Computer Science/Natural	3-4
	Science/Technology Elective*	
	General Education Elective*	
	or	3
	Free Elective	
		1 5-17

Specific Program Notes

*General Education Elective(s) - see page 1.

**Music Electives: any Music [MUS] courses.

^{***}Mass Communication electives: COM105, COM106, COM111, CO140, COM205, COM207.

One-Year [30-36 credit] Academic Certificates

Curriculum Requirements

Area of Study	Credits	Course Description
Communication	3	WRT101 English Composition I (3 cr.)
Unassigned General Education Credits	3	To be assigned in accordance with the needs of the program.
Total GE Credits	6	
Other Requirements	24-30	Restricted Program Requirements, Program Support Requirements, Free Electives. To be assigned in accordance with the needs of the program.
Total Credits	30-36	

Program: Certificate in Computer Aided Drafting Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.CAD

GENERAL EDUCATION REQUIREMENTS	6
WRT101 English Composition I General Education Elective*	3
	· ·
Restricted Program Requirements	30
DFT107 Drafting I	2
DFT207 Drafting II	3
DFT208 Engineering Graphics I	3
DFT210 Computer Aided Drafting I	3
DFT211 Computer Aided Drafting II	5
DFT212 Computer Aided Drafting III	3
DFT282 Technical Illustration	
or	3-4
EC180 Problem Solving using Technology	
MFG122 Machine Tools Prionmciples I	3

RECOMMENDED SEMESTER SEQUENCE

First Semester

DFT107	Drafting I	2
DFT210	Computer Aided Drafting I	3
MFG122	Machine Tool Prionmciples I	4
WRT101	English Composition I	3
		11

Second Semester

DFT207	Drafting II	3
DFT211	Computer Aided Drafting II	5
DFT208	Engineering Graphics I	3
	_	11

Third Semester

DFT212	Computer Aided Drafting III	3
DFT282	Technical Illustration	
	or	3-4
TEC180	Problem Solving using Technology	
	General Education Elective*	3
		9-10

TOTAL CREDITS

Specific Program Notes
*General Education Course List – see page 1.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement

31-32

CAREER PROGRAMS

Program: Certificate in Computer Animation

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.COMP.ANIM

This certification program is designed for practicing professionals in this field.

The **Computer Animation** and the **Computer Graphics** certificates are designed for practicing professionals in these fields or for students who have already completed substantial college level work. Entry-level commercial art students should consider one of the Associate of Applied Science art programs. Students may choose only those courses for which prerequisites have been met.

Returning professionals may request that prerequisites be waived by submitting a portfolio for review by a member of the Art faculty. To request a portfolio review, please contact the Department of Visual Arts at 201-447-7143. To avoid registration problems, please contact the department prior to registering for classes for which you have not taken the required prerequisites.

6

3

3

3

GENERAL EDUCATION REQUIREMENTS

WRT101 English Composition I General Education Elective**

Restricted Program Requirements 24 ART192 Computer 3D Animation I* 3 ART197 Computer Imaging*** 3 ART290 Computer 2D Animation I* 3 ART291 Computer 2D Animation II* 3 ART293 Computer 3D Animation II* 3 ART... Restricted Electives 9 ART181 Photography I

ART184 Digital Photography***
ART226 Letterform and Type***
ART259 Computer Graphics for the Web Developer*
ART271 Portfolio Presentation (Computer Animation)*
ART281 Photography II
ART298 Interactive Multimedia*

Program Support Requirement: General Education Elective**

TOTAL CREDITS 33

RECOMMENDED SEMESTER SEQUENCE

First Semester

ART192	Computer 3D Animation I*	3
ART197	Computer Imaging***	3
ART	Restricted Elective	3
WRT101	English Composition I	3
	General Education Elective**	3
		15

Second Semester

ART290	Computer 2D Animation I*	3
ART291	Computer 2D Animation II*	3
ART293	Computer 3D Animation II*	3
ART	Restricted Electives	6
	General Education Elective**	3
		18

Specific Program Notes

*Course uses Windows OS workstations.

^{**}General Education Course List – see page 1.

^{***}Course uses Macintosh computers.

Program: Certificate in Computer Graphics

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.COMP.GRAPH

This certification program is designed for practicing professionals in this field.

The **Computer Animation** and the **Computer Graphics** certificates are designed for practicing professionals in these fields or for students who have already completed substantial college level work. Entry-level commercial art students should consider one of the Associate of Applied Science art programs. Students may choose only those courses for which prerequisites have been met.

Returning professionals may request that prerequisites be waived by submitting a portfolio for review by a member of the art faculty. To request a portfolio review, please contact the Department of Visual Arts at 201-447-7143. To avoid registration problems, please contact the department prior to registering for classes for which you have not taken the required prerequisites.

6

3

3

27

3

3

3

3

12

GENERAL EDUCATION REQUIREMENTS

WRT101 English Composition I General Education Elective***

Restricted Program Requirements

ART189 Computer 2D Illustration*
ART197 Computer Imaging**
ART287 Computer Layout I*
ART288 Computer Layout II*
ART... Restricted Electives

ART181 Photography I ART184 Digital Photography** ART192 Computer 3D Animation I* ART226 Letterform and Type**

ART259 Computer Graphics for the Web Developer*

ART260 Graphic Design I*
ART261 Graphic Design II**

ART271 Portfolio Presentation (Graphic Design)**

ART281 Photography II

ART298 Interactive Multimedia**

RECOMMENDED SEMESTER SEQUENCE

First Semester

ART189	Computer 2D Illustration*	3
ART197	Computer Imaging**	3
ART287	Computer Layout I*	3
ART	Restricted Electives	3
WRT101	English Composition I	3
		15

Second Semester

ART288	Computer Layout II*	3
ART	Restricted Electives	9
	General Education Elective***	3
		15

TOTAL CREDITS

30

Specific Program Notes

- *Course uses Windows OS workstations.
- **Course uses Macintosh computers.
- ***General Education Course List see page 1.

Program: Certificate in Computer Science

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.COMP.SCI

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE		
WRT101 English Composition I	3	First Semester		
General Education Elective**	3	CIS165 Fundamentals of Programming* 3		
		WRT101 English Composition I 3		
Restricted Program Requirements	21	General Education Elective** 3		
CIS165 Fundamentals of Programming*	3	9		
CIS265 Advanced Programming Concepts	3			
CIS271 Computer Organization and Assembly Language	3	Second Semester		
CIS277 Data Structures and Algorithms	3	CIS265 Advanced Programming Concepts 3		
MAT/CIS Mathematics/Computer Science Electives***	9	CIS271 Computer Organization and 3		
		Assembly Language		
		General Education Elective** 3		
Program Support Requirement: General Education Elective**	3	9		
		Third Semester		
TOTAL CREDITS	30	CIS277 Data Structures and Algorithms 3		
		MAT/CIS Mathematics/Computer Science 9		
		Electives***		
		12		

Specific Program Notes

*By permission of the Department Head, properly prepared students may instead register for CIS265 and/or CIS271. Such students will be required to complete an additional 3- or 4-credit elective to be selected from: MAT250, CIS266, CIS278, MAT280, MAT281, MAT282, MAT286, CIS287, CIS288, CIS289.

^{**}General Education Course List – see page 1.

^{***}The elective requirement in Mathematics and/or Computer Science must total at least 9 credits to be selected from the following courses: MAT250, CIS266, CIS278, MAT280, MAT281, MAT282, MAT286, CIS287, CIS288, CIS289.

Program: Certificate in Computer Technical Support Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.COMP.SUPPORT

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE		
WRT101 English Composition I	3	First Semester		
General Education Elective**	3	INF101 Intro to Information Technology 3		
		INF108 PC Upgrade, Maintenance and 3		
Restricted Program Requirements	27	Diagnosis		
INF101 Intro to Information Technology	3	INF114 Microsoft Office 3		
INF108 PC Upgrade, Maintenance and Diagnosis	3	INF160 Networking Technologies and 3		
INF114 Microsoft Office	3	Data Communications		
INF160 Networking Technologies and Data Communications	3	INF163 Internet Concepts & Applications 3		
INF163 Internet Concepts & Applications	3	WRT101 English Composition I 3		
INF253 Technical Communications	3	18		
INF267 Network Security	3			
INF Operating System Restricted Elective*	3	Second Semester		
BUS101 Introduction to Business	3	BUS101 Introduction to Business 3		
		INF253 Technical Communications 3		
		INF267 Network Security 3		
		INF Operating System Restricted Elective* 3		
		General Education Elective** 3		
TOTAL CREDITS	33	15		

Specific Program Notes

*Operating System Restricted Elective: INF232 Windows Client

INF235 Advanced PC Upgrade, Maintenance, and Diagnosis

INF254 Unix for the Network Administrator

^{**}General Education Course List – see page 1.

CAREER **ONE YEAR CERTIFICATES PROGRAMS**

Program: Certificate in Culinary Arts

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.CULN.ARTS

The Culinary Arts Certificate Program is designed to aid those working food service professionals who wish to increase their job value or refresh their culinary preparation and leadership skills. Typically, students do not complete the certificate program in two semesters. In those instances where a student MUST complete the curriculum in one year or two successive semesters, the student MUST obtain written permission from the Dean to waive or otherwise adjust prerequisites where indicated.

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Semester	
General Education Elective*	3	General Education Elective*	3
		HRM102 Food Protection and Safety	3
Restricted Program Requirements	27	HRM103 Professional Food Preparation	3
HRM102 Food Protection and Safety	3	Techniques	
HRM103 Professional Food Preparation Techniques	3	HRM106 Menu Planning and Nutrition	1
HRM106 Menu Planning and Nutrition	1	HRM108 Computer Applications/	1
HRM108 Computer Applications/Hospitality Industry**	1	Hospitality Industry**	
HRM110 Introduction to Baking	3	HRM110 Introduction to Baking	3
HRM202 Quantity Food Productions & Service***	3	WRT101 English Composition I	3
HRM206 Commercial Restaurant Operation**	3	1	7
HRM212 International Cuisine**	3		
HRM213 Classical Garde-Manger***	3	Second Semester	
HRM220 Advanced Baking Techniques**	3	General Education Elective*	3
· ·		HRM202 Quantity Food Productions & Service***	3
		HRM206 Commercial Restaurant Operation**	3
Program Support Requirement: General Education Elective*	3	HRM212 International Cuisine**	3
		HRM213 Classical Garde-Manger***	3
		HRM220 Advanced Baking Techniques**	3
TOTAL CREDITS	35	1,	8

Specific Program Notes

- *General Education Course List see page 1.
- **Class offered only during spring semester.
 ***Class offered only during fall semester.

Program: Certificate in Culinary Science

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.CULN.SCI

The Culinary Science Certificate Program is designed to provide those students with the first step to gain the knowledge to work in the food processing industry, universities or the Federal Government to create and improve food products; to develop new or better ways of preserving, processing, packaging, storing and delivering foods; or to engage in basic research, discovering new food sources, analyzing food content, or developing ways to process, preserve, package, or store food according to industry and government regulations.

GENERAL EDUCATION REQUIREMENTS	7	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Course: BIO104 Microbiology	4	BIO104 Microbiology 4
		CHM102 Chemistry in Context 4
Restricted Program Requirements	28	CHM112 College Chemistry 4
CHM102 Chemistry in Context	4	HRM103 Professional Food Preparation 3
CHM112 College Chemistry	4	Techniques
CHM212 Organic and Biochemistry	4	WRT101 English Composition I 3
HRM102 Food Protection and Safety	3	18
HRM103 Professional Food Preparation Techniques	3	
HRM106 Menu Planning and Nutrition	1	Second Semester
HRM110 Introduction to Baking	3	CHM212 Organic and Biochemistry 4
HRM212 International Cuisine*	3	HRM102 Food Protection and Safety 3
HRM213 Classical Garde-Manger**	3	HRM106 Menu Planning and Nutrition 1
•		HRM110 Introduction to Baking 3
		HRM212 International Cuisine* 3
		HRM213 Classical Garde-Manger** 3
TOTAL CREDITS	35	17

Specific Program Notes

*Class offered only during spring semester.
**Class offered only during fall semester.

Program: Certificate in Database Programming and Administration Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.DB

GENERAL EDUCATION REQUIREMENTS	6
WRT101 English Composition I	3
General Education Elective****	3
Restricted Program Requirements	29
INF101 Intro to Information Technology	3
INF114 Microsoft Office*	3
INF144 Windows Desktop Operations	
or	1
INF165 Introduction to Linux	
INF160 Networking Technologies and Data Communications	3
INF217 Database for Applications [Oracle]	3
INF218 Database Programming	3
INF219 Database Administration	3
INF228 Excel for Problem Solving	1
INF267 Network Security	3
INF Programming Language Electives: Fundamentals**	3
INF Programming Language Electives: Advanced***	3

RECOMMENDED SEMESTER SEQUENCE

First Semester

INF114	Microsoft Office*	3
		3

Second Semester

INF101	Intro to Information Technology	3
INF144	Windows Desktop Operations	<u> </u>
	or	1
INF165	Introduction to Linux	
INF160	Networking Technologies and	3
	Data Communications	
INF217	Database for Applications [Oracle]	3
INF	Programming Language Electives:	3
	Fundamentals**	
WRT101	English Composition I	3
		16

Third Semester

INF218	Database Programming	3
INF219	Database Administration	3
INF228	Excel for Problem Solving	1
INF267	Network Security	3
INF	Programming Language Electives:	3
	Advanced***	
	General Education Elective****	3
		16

Specific Program Notes

TOTAL CREDITS

*Credit –by-exam tests are available.

**Programming Language Electives: Fundamentals (Part 1 of continuing sequence)

INF145 Visual Basic Programming

INF152 C/C++ Programming
INF153 Java Programming
***Programming Language Electives: Advanced (Part 2 of continuing sequence)

INF224 Advanced C/C++ Programming

INF246 Advanced Visual Basic Programming

INF268 Advanced Java Programming

****General Education Course List – see page 1.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

35

Program: Certificate in e-Commerce: Business Emphasis Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.e-COMM.BUS

GENERAL EDUCATION REQUIREMENTS	6
WRT101 English Composition I	3
General Education Course: ECO101 Macroeconomics	3
Restricted Program Requirements	30
BUS101 Introduction to Business	
or	3
BUS170 Small Business Management	
BUS103 Business Mathematics	3
BUS105 Business Communications	3
BUS107 e-Tailing	3
ACC110 Financial Accounting	
or	3
BUS205 Entrepreneurship	
BUS210 e-Marketing	3
BUS211 Internet Law	3
BUS271 e-Commerce	3
INF146 Web Development	3
INF163 Internet Concepts & Applications	3
TOTAL CREDITS	20
TOTAL CREDITS	36

RECOMMENDED SEMESTER SEQUENCE

First Semester

BUS101	Introduction to Business	
	or	3
BUS170	Small Business Management	
BUS103	Business Mathematics	3
BUS105	Business Communications	3
BUS107	' e-Tailing	3
INF146	Web Development	3
WRT10	1 English Composition I	3
	_	18

Second Semester

ACC110	Financial Accounting	
	or	3
BUS205	Entrepreneurship	
BUS210	e-Marketing	3
BUS211	Internet Law	3
BUS271	e-Commerce	3
ECO101	Macroeconomics	3
INF163	Internet Concepts & Applications	3
		18

Specific Program Notes

Program: Certificate in Event Planning and Management Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.EVENT.PLAN.MGT

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Semester	
General Education Elective*	3	BUS101 Introduction to Business 3	3
		BUS103 Business Mathematics 3	3
Restricted Program Requirements	30	BUS105 Business Communications 3	3
ACC120 Computerized Accounting	3	HRM101 Introduction to Hospitality Management 3	3
BUS101 Introduction to Business	3	HRM/BUS129 Event Planning & Management I 3	3
BUS103 Business Mathematics	3	WRT101 English Composition I 3	3
BUS105 Business Communications	3	18	3
BUS170 Small Business Management	3		
HRM101 Introduction to Hospitality Management	3	Second Semester	
HRM129/BUS129 Event Planning & Management I	3	ACC120 Computerized Accounting 3	3
HRM201 Food and Beverage Cost Control	1	BUS170 Small Business Management 3	3
HRM203 Beverage Management	2	HRN201 Food and Beverage Cost Control 1	
HRM219/LGL219 Hospitality Law	3	HRM203 Beverage Management 2	2
HRM229/BUS229 Event Planning & Management II	3	HRM/LGL219 Hospitality Law 3	3
		HRM/BUS229 Event Planning & Management II 3	3
		General Education Elective* 3	3
TOTAL CREDITS	36	18	3

Specific Program Notes
*General Education Course List – see page 1.

ONE YEAR CERTIFICATES

Program: Certificate in Exercise Science Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.EXER.SCI

GENERAL EDUCATION REQUIREMENTS	7	RECOMMENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Semester	
General Education Course: BOIO103 The Human Body	4	BIO103 The Human Body 4	
		BUS101 Introduction to Business 3	
Restricted Program Requirements	21	WEX159 CPR and Emergency First Aid 3	
BUS101 Introduction to Business	3	WEX164 Exercise Science 3	
PSY101 General Psychology	3	WRT101 English Composition I 3	
WEX159 CPR and Emergency First Aid	3	16	
WEX164 Exercise Science	3		
WEX106 Nutrition for Exercise and Fitness	3	Second Semester	
WEX182 Fitness Measurement	3	PSY101 General Psychology 3	
WEX184 Sports Medicine I – Theory & Practice	3	WEX106 Nutrition for Exercise and Fitness 3	
		WEX182 Fitness Measurement 3	
		WEX183 Programs & Principles of Conditioning 3	
		WEX184 Sports Medicine I – Theory & Practice 3	
TOTAL CREDITS	31	15	

Specific Program Notes

CAREER ONE YEAR CERTIFICATES PROGRAMS

Program: Certificate in Floral Design Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.FLORAL

GENERAL EDUCATION REQUIREMENTS	6	RECOMM	ENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Seme	ester	
General Education Elective*	3	HRT102	Plant Science	4
		HRT115	Floral Design	3
Restricted Program Requirements	26	HRT232	Plant Propagation	4
Business Elective**	3	WRT101	English Composition I	3
HRT102 Plant Science	4		General Education Elective*	3
HRT115 Floral Design	3			17
HRT119 Greenhouse Operation and Production	3	,		
HRT120 Interior Plantscaping	3	3 Second Semester		
HRT232 Plant Propagation	4	HRT119	Greenhouse Operation and Production	3
HRT234 Commercial Floral Design & Management	4	HRT120	Interior Plantscaping	3
HRT462 Co-op Work Experience (Horticulture)	2	HRT234	Commercial Floral Design &	4
			Management	
Program Support Requirement: General Education Elective*	3	HRT462	Co-op Work Experience (Horticulture)	2
			Business Elective**	3
			General Education Elective*	3
TOTAL CREDITS	35			18

^{*}General Education Course List – see page 1.
**Three credits from any course(s) in ACC, BUS, or INF.

Program: Certificate in Grounds Management Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.GRND.MGT

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Elective*	3	HRT102 Plant Science 4
		HRT103 Turf and Grounds Management 3
Restricted Program Requirements	26-28	HRT104 Landscape Plants and Materials I 2
HRT102 Plant Science	4	HRT112 Pests of Ornamental Plants 4
HRT103 Turf and Grounds Management	3	HRT130 Landscaping Contracting 1
HRT104 Landscape Plants and Materials I	2	WRT101 English Composition I 3
HRT112 Pests of Ornamental Plants	4	17
HRT124 Irrigation Technology	2	
HRT125 Equipment Management	2	Second Semester
HRT130 Landscaping Contracting	1	HRT124 Irrigation Technology 2
HRT235 Landscape Site Analysis & Construction	3	HRT125 Equipment Management 2
HRT237 Arboriculture/Plant Health Care	3	HRT235 Landscape Site Analysis & 3
Restricted Elective*	2-4	Construction
		HRT237 Arboriculture/Plant Health Care 3
		Restricted Elective* 2-4
		General Education Elective** 3
TOTAL CREDITS	32-34	15-17

Specific Program Notes
*Restricted Electives: HRT113, HRT232, HRT233
**General Education Course List – see page 1.

Program: Certificate in Hospitality Management

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.HOSP.MGMT

The Hospitality Management Certificate Program is designed to aid those working professionals who wish to increase their job value or refresh their leadership skills. Typically, students do not complete the certificate program in two semesters. In those instances where a student MUST complete the curriculum in one year or two successive semesters, the student MUST obtain written permission from the Dean to waive or otherwise adjust prerequisites where indicated.

GENERAL EDUCATION REQUIREMENTS		RECOMMENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Semester	
General Education Elective*	3	General Education Elective*	3
		HRM101 Introduction to Hospitality Management 3	3
Restricted Program Requirements	27	HRM102 Food Protection and Safety	3
HRM101 Introduction to Hospitality Management	3	HRM103 Professional Food Preparation	3
HRM102 Food Protection and Safety	3	Techniques	
HRM103 Professional Food Preparation Techniques	3	HRM104 Front Office Procedures**	2
HRM104 Front Office Procedures**	2	HRM108 Computer Applications/	1
HRM108 Computer Applications/Hospitality Industry***	1	Hospitality Industry***	
HRM201 Food and Beverage Cost Control	1	WRT101 English Composition I	3
HRM203 Beverage Management	2	11	8
HRM204 Food Purchasing	2		
HRM205 Restaurant Service Management	3	Second Semester	
HRM207 Hotel Sales & Convention Planning	1	General Education Elective*	3
HRM214 Banquet & Catering Management	2	HRM201 Food and Beverage Cost Control	1
HRM217 Issues in the Hospitality Industry	2	HRM203 Beverage Management 2	2
HRM462 Co-op Work Experience (H/R/H)	2	HRM204 Food Purchasing 2	2
		HRM205 Restaurant Service Management 3	3
		HRM207 Hotel Sales & Convention Planning	1
Program Support Requirement: General Education Elective*	3	HRM214 Banquet & Catering Management 2	2
		HRM217 Issues in the Hospitality Industry 2	2
		HRM462 Co-op Work Experience (H/R/H)	2
TOTAL CREDITS	36	1	8

Specific Program Notes

- *General Education Course List see page 1.
- **Class offered only during fall semester.

^{***}Class offered only during spring semester.

Program: Certificate in Labor Studies

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.LABOR

GENERAL EDUCATION REQUIREMENTS	6
WRT101 English Composition I	3
WRT201 English Composition II	3
Restricted Program Requirements	26
BUS101 Introduction to Business	
or	3
BUS115 Introduction to Nonprofit Organizations	
BUS208 Human Resources Management	3
ECO105 Labor Economimcs	3
HIS140 History of the Labor Movement	3
LGL236 Employment Law*	2
POL116 Labor Law	3
POL122 Collective Bargaining	3
Restricted Humanities Elective**	3
Restricted Social Science Elective***	3

RECOMMENDED SEMESTER SEQUENCE

First Semester

BUS101	Introduction to Business	
	or	3
BUS115	Introduction to Nonprofit Organizations	
ECO105	Labor Economimcs	3
LGL236	Employment Law*	2
POL116	Labor Law	3
POL122	Collective Bargaining	3
WRT101	English Composition I	3
		17

Second Semester

BUS208	Human Resources Management	3
HIS140	History of the Labor Movement	3
	Restricted Humanities Elective**	3
	Restricted Social Science Elective***	3
	1 tootholog Coolai Colonico Eloctivo	•
WRT201	English Composition II	3

Specific Program Notes

TOTAL CREDITS

*Prerequisite of LGL101 Fundamentals of Law to LGL236 Employment Law may be waived by special permission from the Academic Department Chair of Legal and Related Studies [especially for students pursuing the One-Year Certificate in Labor

**Choose one 3-credit humanities course from the following: PHR100; PHR105; PHR111; LIT202 [Prerequisite: WRT101]; LIT220

32

[Prerequisite: WRT101]; HIS111; HIS113; HIS114.

***Choose one 3-credit social socience course from the following: ECO101; ECO201 [Prerequisite: ECO101]; POL104; PSY109; SOC102; SOC120; SOC121; SOC222 [Prerequisite: SOC101].

Program: Certificate in Landscaping Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.LAND

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Elective*	3	BUS101 Introduction to Business 3
		DFT107 Draafting I 2
Restricted Program Requirements	29-30	HRT103 Turf and Ground Management 3
BUS101 Introduction to Business	3	HRT130 Landscape Contracting 1
DFT107 Draafting I	2	HRT Restricted HRT Elective† 3-4
HRT103 Turf and Ground Management	3	WRT101 English Composition I 3
HRT113 Principles of Landscaping	3	17-18
HRT103 Turf and Ground Management	3	
HRT204 Landscape Graphics	2	Second Semester
HRT233 Landscape Plants & Materials II	4	HRT113 Principles of Landscaping 3
HRT235 Landscape Site Analysis and Construction	3	HRT204 Landscape Graphics 2
HRT Restricted HRT Elective†	3-4	HRT233 Landscape Plants & Materials II 4
INF101 Intro to Information Technology	3	HRT235 Landscape Site Analysis and 3
		Construction
		INF101 Intro to Information Technology 3
		General Education Elective* 3
TOTAL CREDITS	35-36	18

Specific Program Notes
*General Education Course List – see page 1.
**Restricted HRT Elective: HRT101, HRT102, HRT112, HRT120, HRT236.

Program: Certificate in Legal Nurse Consultant

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.LGN.CONS

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
WRT201 English Composition II	3	LGL101 Fundamentals of Law 3
		LGL103 Legal Research and Writing 3
Restricted Program Requirements	24	LGN105 Principles of Legal Nurse Consulting* 3
LGL101 Fundamentals of Law	3	WRT101 English Composition I 3
LGL103 Legal Research and Writing	3	12
LGL203 Paralegalism and Legal Procedure	3	
LGL220 Computer Assisted Legal Research	3	Second Semester
LGL202 New Jersey and Federal Courts*	3	LGL203 Paralegalism and Legal Procedure 3
LGL234 Personal Injury and Product Liability*	3	LGL220 Computer Assisted Legal Research 3
LGN105 Principles of Legal Nurse Consulting*	3	LGN201 Health Law* 3
LGN201 Health Law*	3	WRT201 English Composition II 3
		12
		Third Semester
		LGL202 New Jersey and Federal Courts* 3
		LGL234 Personal Injury and Product Liability* 3
TOTAL CREDITS	30	6

Specific Program Notes

*Course may be offered only in the evening and only in either the Spring or Fall semesters.

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by Placement Testing.

THIS IS AN ABA APPROVED PARALEGAL PROGRAM Please note: The practice of law is limited to attorneys admitted to practice within the jurisdiction. Completion of the Paralegal Studies or Legal Nurse Consultant Programs do not authorize the graduate to practice law. Program Goal: It is the goal of the Paralegal Studies and Legal Nurse Consultant Programs to provide students with knowledge in a wide range of substantive legal fields and to provide practical skills necessary for the legal workplace environment. The program shall promote adherence to ethical practice and professional responsibility as legal professionals working in cooperation with and under the supervision of attorneys. The programs shall respond to the needs of the legal community and promote the economical and efficient delivery of legal services through the use of quality instruction and modern technology. For complete Program Goals, visit the Paralegal Studies and Legal Nurse Consultant website: http://www.bergen.edu/pages1/Pages/2642.aspx

ONE YEAR CERTIFICATES

Program: Certificate in Medical Office Administrative Assistant Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.MOAA

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE		
WRT101 English Composition I	3	First Sem	ester	
General Education Course: PSY101 General Psychology	3	MOA140	Medical Terminologyt	3
. 0,		MOA141	Introductin to Medical Assisting	3
Restricted Program Requirements	24	MOA203	Medical Assistant Admin Procedures I	3
MOA140 Medical Terminologyt	3	MOA218	Medical Economics	2
MOA141 Introductin to Medical Assisting	3	INF119	Document Processing with MS Word*	3
MOA201 Diagnostic and Procedural Coding	4	WRT101	English Composition I	3
MOA203 Medical Assistant Administrative Procedures I	3			17
MOA204 Medical Assistant Administrative Procedures II	3			
MOA218 Medical Economics	2	Second S	emester	
INF119 Document Processing with MS Word*	3	MOA201	Diagnostic and Procedural Coding	4
WEX159 CPR and Emergency First Aid	3	MOA204	Medical Assistant Admin Procedures II	3
• •		PSY101	General Psychology	3
		WEX159	CPR and Emergency First Aid	3
TOTAL CREDITS	30		- ,	13

Specific Program Notes
*Students are expected to keyboard at 30 WPM or enroll in the INF100 Keyboarding course

Program: Certificate in Music Business Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.MUSC.BUS

GENERAL EDUCATION REQUIREMENTS	6
WRT101 English Composition I	3
General Education Elective*	3
Restricted Program Requirements	21
BUS101 Introductin to Business	3
MUS152 Introduction to the Music Business	3
MUS163 Careers in Music	3
MUS252 Music in the Marketplace	3
MUS262 Concert Promotion and Production	3
MUS Music Elective	3
BUS Business Elective	
or	
INF Information Technology Elective	3
or	
COM Communication Elective	

FREE ELECTIVE	3
TOTAL CREDITS	30

RECOMMENDED SEMESTER SEQUENCE

First Semester

BUS101	Introductin to Business	3
MUS152	Introduction to the Music Business	3
MUS163	Careers in Music	3
MUS	Music Elective	3
WRT101	English Composition I	3
		15

Second Semester

MUS252	Music in the Marketplace	3
MUS262	Concert Promotion and Production	3
BUS	Business Elective	
	or	
INF	Information Technology Elective	3
	or	
COM	Communication Elective	
	General Education Elective*	3
	Free Elective	3
		15

Specific Program Notes*General Education Course List – see page 1.

ONE YEAR CERTIFICATES

Program: Certificate in Music Technology Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.MUSC.TECH

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Elective*	3	MUS103 Fundamentals of Music 3
		MUS131 Class Piano I 2
Restricted Program Requirements	22	MUS150 Intro to MIDI Sequencing & Synthesis 3
MUS103 Fundamentals of Music	3	MUS151 Introduction to Digital Audio Recording 3
MUS131 Class Piano I	2	WRT101 English Composition I 3
MUS150 Intro to MIDI Sequencing & Synthesis	3	Free Elective 2-3
MUS151 Introduction to Digital Audio Recording	3	16-17
MUS231 Class Piano II	2	
MUS250 Electronic Music Composition	3	Second Semester
MUS251 Studio Recording Techniques	3	MUS231 Class Piano II 2
MUS Music Elective	3	MUS250 Electronic Music Composition 3
		MUS251 Studio Recording Techniques 3
FREE ELECTIVE	2-3	MUS Music Elective 3
		General Education Elective* 3
TOTAL CREDITS	30-31	14

Specific Program Notes
*General Education Course List – see page 1.

Program: Certificate in Musical Theater

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.MUSC.THR

GENERAL EDUCATION REQUIREMENTS 6 RECOMMENDED SEMESTER SEQUENCE 3 WRT101 English Composition I **First Semester** General Education Elective* 3 **DAN102** Ballet **DAN104** Tap Dance 1 **Restricted Program Requirements** 29 MUA106 Voice I 1 MUS103 2 **DAN102 Ballet** Fundamentals of Music 1 DAN104 Tap Dance MUS110 Music, Art, and Drama 3 1 MUA106 Voice I 1 MUS121 Chorus I 1 MUA246 Voice II MUS131 Class Piano I 2 1 MUS103 Fundamentals of Music 2 THR110 Basic Acting Techniques 3 MUS109/THR109 History of Musical Theatre English Composition I 3 WRT101 3 MUS110 Music, Art, and Drama 3 17 MUS118 Vocal Workshop 2 MUS121 Chorus I **Second Semester** 1 MUS131 Class Piano I 2 MUA246 Voice II 1 MUS134 Ear Training and Musicianship I 2 MUS/THR109 History of Musical Theatre 3 THR110 Basic Acting Techniques 3 MUS118 Vocal Workshop 2 Ear Training and Musicianship I THR113 Movement for the Performing Artist 2 MUS134 2 THR114 Audition Techniques 2 THR113 Movement for the Performing Artist 2 Restricted Elective 3 THR114 **Audition Techniques** 2 Restricted Elective 3 General Education Elective* 3 **TOTAL CREDITS** 35 18

Specific Program Notes

*General Education Course List - see page 1. Recommended: MUS101, MUS107, MUS108, THR101, THR140.

^{**}Restricted Music Electives: MUS231, MUS255, MUA104, MUS120, MUS140, DAN103, DAN105, THR111, THR131, THR210.

Program: Certificate in Office Technology Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.OFF.TECH

GENERAL EDUCATION REQUIREMENTS	6
WRT101 English Composition I	3
General Education Elective**	3
Restricted Program Requirements	26
BUS101 Introductin to Business	3
BUS103 Business Mathematics	3
INF101 Intro to Information Technology	3
INF114 Microsoft Office*	3
INF119 Document Processing	3
INF146 Web Development	
or	3
INF147 Web Development Using Dreamweaver	
INF16 Internet Research and Data Handling	1
INF253 Technical Communications	3
INF228 Excel for Problem Solving	1
INF Restricted Elective†	3
TOTAL CREDITS	32

RECOMMENDED SEMESTER SEQUENCE

First Semester

BUS101	Introduction to Business	3
INF101	Intro to Information Technology	3
INF114	Microsoft Office*	3
INF161	Internet Research and Data Handling	1
	General Education Elective**	3
WRT101	English Composition I	3
		16

Second Semester

BUS103	Business Mathematics	3
INF119	Document Processing	3
INF146	Web Development	
	or	3
INF147	Web Dev Using Dreamweaver	
INF253	Technical Communications	3
INF228	Excel for Problem Solving	1
INF	Restricted Elective†	3
		16

Specific Program Notes

- *Credit by Exam Tests may be available.
 ***General Education Course List see page 1.
- ***Class offered only during fall semester.
- †Restricted INF Electives: INF108, INF150***, INF160, INF217, INF230.

Program: Certificate in Piano Instruction/Pedagogy Certificate: One-Year [3036 credit] Academic Certificate

Code: CERT.PIANO

GENERAL EDUCATION REQUIREMENTS	6	RECOMM	ENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Seme	ester	
General Education Elective*	3	MUA104	Piano I	1
		MUS103	Fundamentals of Music	2
Restricted Program Requirements	23-24	MUS131	Class Piano I	2
MUA104 Piano I	1	MUS134	Ear Training and Musicianship I	2
MUA240 Piano II	1	MUS153	Piano Pedagogy I	3
MUS103 Fundamentals of Music	2		General Education Elective*	3
MUS131 Class Piano I	2	WRT101	English Composition I	3
MUS231 Class Piano li	2			16
MUS132 Music Theory I	2			
MUS134 Ear Training and Musicianship I	2	Second Se	emester	
MUS153 Piano Pedagogy I	3	MUA240	Piano II	1
MUS253 Piano Pedagogy II	3	MUS132	Music Theory I	2
MUS Performance Ensemble**	2	MUS231	Class Piano li	2
Restricted Elective***	3-4	MUS253	Piano Pedagogy II	3
		MUS	Performance Ensemble**	2
Program Support Requirement: General Education Elective*	3		Restricted Elective***	3-4
			General Education Elective*	3
TOTAL CREDITS	32-33		·	16-17

Specific Program Notes

^{*}General Education Course List – see page 1.

^{**}Instrumental or vocal ensembles: MUS121, MUS125, MUS140, MUS246, MUS247, MUS248, MUS255, MUS256, MUS257, MUS258, MUS259, MUS259, MUS260.

^{***}Restricted Electives: MUA241, MUA242, MUS133, MUS134, MUS151, MUS241, MUS242.

Program: Certificate in Radiation Therapy Technology Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.RAD.THERAPY Program Length: 12 months.

Prerequisites for admission: (1) GPA for admissions eligibility: 2.50. (2) An applicant must be a Registered or registry eligible Radiologic Technologist. (3) Prerequisite courses: Two Biology courses with labs [BIO109 and BIO209 recommended]; MAT160 Intermediate Algebra: MAT180 Precalculus: PHY185 General Physics.

In addition above-stated requirements, candidates cannot be accepted into the program until at least two of the following four courses have been completed: MAT250, INF101, WRT201, COM100. Two of these general education courses may be taken concurrently with the program. Successful completion of all four courses is required by the American Registry of Radiologic Technologists and the NJ Department of Environmental Protection.

Application Deadline: February 1. Program Admits: Fall semester.

Note: Students who are interested in the program should make an appointment to meet with the Department Chair regarding admissions.

6

GENERAL EDUCATION REQUIREMENTS

WRT201 English Composition II* 3 General Education Course 3 COM100 Speech Communication or MAT250 Statistics II**

Restricted Program Requirements	30
RTT110 Introduction to Radiotherapy &Patient Care Management	2
RTT120 Radiation Therapy Practices I	4
RTT130 Radiation Biology and Safety	3
RTT150 Principles of Diagnostic Radiation Physics	3
RTT121 Radiation Therapy Clinical Practicum I	2
RTT200 Survey of Diseases	3
RTT210 Dosimetry and Treatment Practices	3
RTT220 Radiation Therapy Practices II	4
RTT230 Advanced Procedures	2
RTT221 Radiation Therapy Clinical Practicum II	2
RTT222 Radiation Therapy Clinical Practicum III	2

TOTAL CREDITS 36

RECOMMENDED SEMESTER SEQUENCE

First Semester

WRT201	English Composition II*	3
RTT 110	Introduction to Radiotherapy and	2
	Patient Care Management	
RTT 120	Radiation Therapy Practices	4
RTT 130	Radiation Biology and Safety	3
RTT 150	Principles of Diagnostic	3
	Radiation Physics	
RTT 121	Radiation Therapy Clinical	2
	Practicum I	
		17

Second Semester

COM100	Speech Communication	
	or	3
MAT250	Statistics II**	
RTT 200	Survey of Diseases	3
RTT 210	Dosimetry and Treatment Practices	3
RTT 220	Radiation Therapy Practices II	4
RTT 230	Advanced Procedures	2
RTT 221	Radiation Therapy Clinical	2
	Practicum II	
		17

Third Semester

RTT222	Radiation Therapy Clinical	2
	Practicum III	
		2

Specific Program Notes

*WRT201 has a prerequisite of WRT101 English Composition I.

**MAT250 has a prerequisite of MAT150 Statistics I.

ONE YEAR CERTIFICATES PROGRAMS

Program: Certificate in Small Business Management Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.SM.BUS.MGMT

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Course: ECO101 Macroeconomics	3	BUS101 Introduction to Business 3
		BUS103 Business Mathematics 3
Restricted Program Requirements	30	BUS105 Business Communications 3
ACC120 Computerized Accounting	3	BUS170 Small Business Management 3
BUS101 Introduction to Business	3	INF114 Microsoft Office 3
BUS103 Business Mathematics	3	WRT101 English Composition I 3
BUS105 Business Communications	3	18
BUS170 Small Business Management	3	
BUS201 Marketing Principles	3	Second Semester
BUS205 Entrepreneurship	3	ACC120 Computerized Accounting 3
BUS233 Business Law I	3	BUS201 Marketing Principles 3
Restricted Business Elective*	3	BUS205 Entrepreneurship 3
INF114 Microsoft Office	3	BUS233 Business Law I 3
		Restricted Business Elective* 3
		ECO101 Macroeconomics 3
TOTAL CREDITS	36	18

Specific Program Notes
*BUS104, BUS106, BUS110, or BUS271.

Program: Certificate in Surgical Technology

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.SURG
Program Length: 12 months.
GPA for admissions eligibility: 2.00.

High School prerequisite courses: High school graduate or GED.

College substitutions: None.

Application Deadline: February 1 of the current year.

Program Admits: Fall semester.

GENERAL EDUCATION REQUIREMENTS

WRT101 English Composition I General Education Elective*

Restricted Program Requirements BIO109 Anatomy & Physiology I

BIO209 Anatomy & Physiology II SUR101 Principles of Surgical Technology I

SUR102 Surgical Technology Externship I [16 hrs/wk x 15 weeks] SUR103 Surgical Terminology

SUR103 Surgical Terminology
SUR104 Microbiological Applications in Surgery
SUR201 Principles of Surgical Technology II

SUR202 Surgical Technology Externship II [16 hrs/wk x 15 weeks] SUR203 Surgical Technology Externship III [40 hrs/wk x 4 weeks]

RECOMMENDED SEMESTER SEQUENCE

First Semester

6

3

3

27

4

4

6

2

5

2

33

BIO109	Anatomy & Physiology I	4
SUR101	Principles of Surgical Technology I	6
SUR102	Surgical Technology Externship I	2
	[16 hrs/wk x 15 weeks]	
SUR103	Surgical Terminology	1
SUR104	Microbiological Applications in Surgery	2
WRT101	English Composition I	3
		18

Second Semester

BIO209	Anatomy & Physiology II	4
SUR201	Principles of Surgical Technology II	5
SUR202	Surgical Technology Externship II	2
	[16 hrs/wk x 15 weeks]	
	General Education Elective*	3
		14

Third Semester

SUR203	Surgical Technology Externship III	1
	[40 hrs/wk x 4 weeks]	
		1

TOTAL CREDITS

Specific Program Notes

*General Education Course List – see page 1.

Certificate	Accounting Assistant e of Achievement	
Code: CO	A.ACCT.ASST	
-:	_	
First Sem		
ACC110	Financial Accounting	3
ACC120	Computerized Accounting	3
ACC140	Federal Income Tax Return Preparation	1
INF124	Spreadsheet: Excel	1
	·	8
Second S	emester	
ACC210	Managerial Accounting	3
INF228	Excel for Problem Solving	1
ACC	Restricted Elective*	3 7
		7
Third Sen	nester	
ACC463	Co-Op Work Experience (Accounting)	
	or	3
ACC202	Intermediate Accounting I	
		3
TOTAL C		18
Specific F	Program Notes	

Specific Program Notes

*Restricted Electives: ACC107 Federal Taxation or ACC115 Government and Not-for-Profit Accounting.

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Baking Degree: Certificate of Achievement			
Code: CO	A.BAKING		
First Sem	ester		
BUS101	Introduction to Business	3	
HRM103	Professional Food Prep Techniques	3	
HRM110	Introduction to Baking	3	
		9	
Second Semester			
BUS205	Entrepreneurship	3	
HRM102	Food Protection and Safety	3	
HRM220	Advanced Baking Techniques	3	
		9	
TOTAL CREDITS 18			

Specific Program Notes

This program will serve as the Introduction to Baking in the various management settings available in the Hospitality Industry. Students who earn this Certificate of Achievement will be able to apply the credits earned, if they so choose, to the 36-credit Culinary Arts Certificate Program and to the proposed AAS Culinary Entrepreneurship Option or any other options available in the Hotel/Restaurant/Hospitality Department.

Since HRM103 Professional Food Preparation Techniques is a prerequisite for the 200-level HRM courses and BUS101 Introduction to Business is a prerequisite for BUS205, students WILL NOT complete this program in one semester.

Certificate	Biotechnology e of Achievement A.BIO.TECH	
First Sem	ester	
BIO101	General Biology I	4
CHM140	General Chemistry I	3
CHM141	General Chemistry Laboratory I	1
	•	8
Second S BIO210	Introduction to Biotechnology	4
MAT150	Statistics I	<u>3</u>
Third Sen		3
DIOZII	introduction to Biolinormatics	3
TOTAL C	REDITS	18
Specific F	Program Notes	

Students enrolled in this program ARE REQUIRED to

Placement Testing.

successfully complete a course in basic algebra if indicated by

Program: Business Paraprofessional Management Certificate of Achievement Code: COA.BUS.PARA.MGMT First Semester			
BUS101	Introduction to Business	3	
BUS207	Principles of Management	3	
COM	COM100 Speech Communication	3	
	or COM102 Public Speaking		
INF101	Introduction to Information Technology		
	or	3	
CIS158	Introduction to Computer Science		
PSY101	General Psychology	3	
		15	
TOTAL C	TOTAL CREDITS		

Specific Program Notes

Before entering the COA Business Paraprofessional Management program, students must have completed a Certificate of Competency in Educational Support Professional Services (12 credits), including:

- --Module 1: Communication
- --Module 2: Cultural Competence
- --Module 3: Child Development and Identifying Abuse and Neglect
- --Module 4: Student and Staff Safety and Health
- --56 hours of NJEA-approved ESP Career Development Training

Students enrolled in this program **ARE REQUIRED** to successfully complete a course in basic algebra if indicated by Placement Testing.

132

Program: Certificate Code: CO	e of Achievement	
First Sem	ester	
BUS101	Introduction to Business	3
HRM102	Food Protection and Safety	3
HRM103	Professional Food Prep Techniques	3
		9
Second S	emester	
BUS205	Entrepreneurship	3
HRM106	Menu Planning an Nutrition	1
HRM213	Classical Garde-Manger	3
HRM214	Banquet & Catering Management	2
		9

Specific Program Notes

TOTAL CREDITS

This program will serve as the Introduction to Catering in the various management settings available in the Hospitality Industry. Students who earn this Certificate of Achievement will be able to apply the credits earned, if they so choose, to the 36-credit Culinary Arts Certificate Program and to the proposed AAS Culinary Entrepreneurship Option or any other options available in the Hotel/Restaurant/Hospitality Department.

Since HRM103 Professional Food Preparation Techniques is a prerequisite for the 200-level HRM courses and BUS101 Introduction to Business is a prerequisite for BUS205, students WILL NOT complete this program in one semester.

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Program:	Child Development	
Certificate	e of Achievement	
Code: CO	A.CHILD	
First Sem	ester	
EDU1XX	Child Development I	3
EDU1XX	Practicum I	2
EDU130	Infants and Toddlers	3
		8
Second S	emester	
EDU2XX	Child Development II	3
EDU2XX	Practicum II	2
		5
Third Sem	nester	
EDUXXX	Child Development Externship	3
		3
TOTAL C	REDITS	16

18

Specific Program Notes Students are eligible to take the credentialing exam to qualify as a Child Development Associate (CDA) after completing successfully this Certificate of Achievement program. Please refer to the Council of Professional Recognition at www.cdacouncil.org for a full explanation of the credentialing process.

The Child Development Associate qualification is the most widely recognized early childhood credential in the nation. The CDA coursework prepares early childhood educators in the following areas: creating safe, healthy learning environments, promoting intellectual & physical competence, supporting social & emotional development, providing for positive guidance, and learning observation and assessment techniques to drive instruction.

Child Development Associate (CDA) candidates must begin their Certificate of Achievement coursework in the fall semester.

Program: CNC Programming Certificate of Achievement Code: COA.CNC.PROG		
First Sem	ester	
MFG122	Machine Tool Principles I	3
MFG227	CNC Programming I	4
		7
Second S	emester	
MFG228	CNC Programming II	3
DFT107	Drafting I	2
		5
TOTAL CI	REDITS	12
Specific Program Notes Students enrolled in this program ARE NOT REQUIRED to		

successfully complete a course in basic algebra if indicated by

Program: Certificate	Finance e of Achievement	
Code: CO	A.FINANCE	
First Sem	ester	
ACC110	Financial Accounting	3
BNF101	Principles of Banking*	3
BUS101	Introduction to Business	3
		9
Second S	emester	
BNF201	Principles of Finance	3
BNF202	Asset Management**	3
ECO101	Macroeconomics	
	or	3
BNF102	Personal Finance & Money Management	
		9
TOTAL CI	REDITS	18
On a sifi a F	Drawam Natas	

Specific Program Notes
*Class offered only during fall semester.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Fire Science Certificate of Achievement Code: COA.FIR.SCI		
First Sen	nester	
FIR101	Introduction to Fire Protection*	3
FIR102	Fundamentals of Fire Prevention/	3
	Fire Inspector I**	
FIR103	Building Codes and Standards	3
FIR104	Fire Tactics and Strategy	3
FIR105	Fire Administration	3
		15
TOTAL C	REDITS	15

Specific Program Notes

Placement Testing.

*Students with Firefighter I certification will have this course waived and receive 3 credits. Students with Firefighter II Certification will have this course waived and receive 4 credits. **First part of the ninety-hour course required for certification.

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Forensic Science Certificate of Achievement Code: COA.FORENSIC		
First Sem	ester	
CHM100	Introduction to Chemistry	4
CRJ101	Introduction to Criminal Justice	3
CRJ108	Topics in Criminal Justice*	3
CRJ111	Criminal Investigation	3
CRJ120	Practical Criminal Evidence	3
		16
TOTAL C	REDITS	16
Conneille D	Namena Mataa	

Specific Program Notes

*Special Topics Course: Introduction to Forensics.

^{**}Class offered only during spring semester.

Certificate	Homeland Security e of Achievement A.HOME.SEC	
First Sem	ester	
CRJ108	Topics in Criminal Justice*	3
HSE101	Introduction to Homeland Security	3
HSE102	Introduction to Emergency Management	3
HSE103	Legal Aspects of Homeland Security & Emergency Management	3
HSE104	Disaster Management, Risk Assessment & Mitigation	3
	<u> </u>	15
TOTAL C	REDITS	15
	Program Notes enrolled in this program ARE <u>NOT</u> REQUIRED	to

Students enrolled in this program ARE <u>NOT</u> REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Hospitality Operations			
Certificate of Achievement			
Code: CO	A.HOSP.OPR		
0000.00	Altionion		
First Sem	ester		
BUS101	Introduction to Business	3	
HRM101	Introduction to Hospitality Management	3	
HRM104	Front Office Procedures	2	
HRM108	Computer Applications for the Hospitality	1	
	Industry		
		9	
Second S	emester		
BUS205	Entrepreneurship	3	
HRM203	Beverage Management	2	
HRM205	Restaurant Service Management	3	
HRM207	Hotel Sales & Convention Planning	1	
		9	
TOTAL CI	REDITS	18	

Specific Program Notes

This program will serve as the Introduction to Hospitality Operations in the various management settings available in the Hospitality Industry. Student who earn this Certificate of Achievement will be able to apply the credits, if they so choose, to the 36-credit Culinary Arts Certificate Program and To any of the degree curriculum options available in the Hotel/Restaurant/Hospitality Department.

Since HRM101 Introduction to Hospitality Management is a prerequisite for the 200-level HRM courses and BUS101 Introduction to Business is a prerequisite for BUS205, students WILL NOT complete this program in one semester.

Certificat	Labor Studies e of Achievement A.LABOR	
First Sem	ester	
BUS101	Introduction to Business*	3
POL116	Labor Law**	3
POL122	Collective Bargaining	3
		9
Second S	emester	
BUS208	Human Resources Management	3
HIS140	History of the Labor Movement	3
LGL236	Employment Law	2
		8
TOTAL C	REDITS	17
	Program Notes Introduction to Business or BUS115 Introdu	ction to

opecine i rogiani Notes	
*BUS101 Introduction to Business or BUS115 Introduc	ct
Nonprofit Organizations or by permission from the Aca	ar

Nonprofit Organizations or by permission from the Academic Department Chair.

**Prerequisite of LGL101 Fundamentals of Law may be waived by special permission from the Academic Department Chair of the Legal and Related Studies Department [especially for students pursuing the Certificate of Achievement in Labor Studies.]

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Certificate	Machine Tooling e of Achievement A.MACH.TOOL	
First Sem	ester	
DFT101	Drafting I	2
DFT210	Computer Aided Drafting I	3
MFG122	Machine Tool Principles I	3
		8
Second S	emester	
MFG119	Pro/Engineer Design I	3
MFG222	Machine Tool Principles II	3
		6
TOTAL C	REDITS	14
Specific P	Program Notes	

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

	Program: Manufacturing Design using Pro/Engineer®	
	e of Achievement	
Code: CO	A.MFG.PROENG	
First Seme	ester	
MFG119	Pro/Engineer Design I	3
		3
Second Se	emester	
MFG219	Pro/Engineer Design II	3
		3
Third Sem	ester	
MFG220	Pro/Engineer Design III	3
		3
Fourth Sei	mester	
MFG221	Pro/Engineer Design IV	3
		3
TOTAL CREDITS		12
Specific D	rogram Notos	

Specific Program Notes Students enrolled in this program ARE NOT REQUIRED to

successfully complete a course in basic algebra if indicated by Placement Testing.

Certificat	Marketing Assistant e of Achievement A.MKTG.ASST	
First Sem	ester	
BUS101	Introduction to Business	3
BUS105	Business Communications	3
PSY101	General Psychology	3
		9
Second S	emester	
BUS201	Marketing Principles	3
BUS210	e-Marketing	3
BUS	Restricted Elective*	3
		9
TOTAL C	REDITS	18
Specific I	Program Notes	

Specific Program Notes

*Restricted Elective: BUS202 International Marketing; BUS250 Advertising; BUS463 Co-Op Work Experience [Business Administration] recommended only with a marketing Position.

_	Commercial Music Production	
	of Achievement	
Code: CO	A.MUSC.COMM.PROD	
First Sem	ester	
MUS119	Songwriting Workshop	2
MUS131	Class Piano I	2
MUS151	Introduction to Audio Recording	3
MUS152	Introduction to the Music Business	3
		10
Second S	emester	
MUS150	Introduction to MIDI Sequencing and Synthesi	is 3
MUS231	Class Piano II	2
MUS251	Studio Recording Techniques	3
		8
TOTAL CF	REDITS	18
Specific P	Program Notes	

Specific Program Notes
Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Certificat	: Network Security te of Achievement DA.NET.SECURITY	
First Sen	nester	
INF267	Network Security	3
INF270	Computer Crime	3
INF271	Ethical Hacking	3
INF272	Windows Active Directory	3
INF273	Intrusion Detection and Prevention	3
		15
TOTAL C	REDITS	15
Specific	Program Notes	

*INF170 Networking Experience, 3 credits – Transfer credit awarded for extensive professional experience. INF faculty recommendation required to obtain credit.

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Certificate	Program: Nonprofit Management Certificate of Achievement Code: COA.NONPRF.MGT		
First Sem	ester		
ACC115	Government and Not-for-Profit Accounting	3	
BUS115	Introduction to Nonprofit Organizations	3	
BUS116	Funding and Grant Management	3	
		9	
Second S	emester		
BUS201	Marketing Principles	3	
BUS207	Principles of Management	3	
LGL209	Nonprofit Law	3	
		9	
TOTAL CREDITS		18	

Specific Program Notes
Students enrolled in this program ARE <u>NOT</u> REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Private Security Certificate of Achievement Code: COA.PRIV.SECURITY		
ester		
Introduction to Criminal Justice	3	
Criminal Investigation	3	
Crime Prevention	3	
Introduction to Security	3	
Principles of Loss Prevention	3	
	15	
TOTAL CREDITS 15		
	ester Introduction to Criminal Justice Criminal Investigation Crime Prevention Introduction to Security Principles of Loss Prevention	

Specific Program Notes

Certificate	Professional Cooking of Achievement A.PROF.COOK	
First Sem	ester	
HRM102	Food Protection and Safety	3
HRM103	Professional Food Preparation Techniques	3
HRM110	Introduction to Baking	3
		9
Second S	emester	
HRM212	International Quisine	3
HRM213	Classical Garde-Manger*	3
HRM220	Advanced Baking Techniques**	3
		9
TOTAL CI	REDITS	18
Specific P	Program Notes	

Specific Program Notes

- *Class offered only during fall semester.
- **Class offered only during spring semester.

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Certificate	Real Estate e of Achievement A.REAL.EST	
First Sem	ester	
BUS101	Introduction to Business	3
REA101	Principles of Real Estate	3
		6
Second S	emester	
REA202	Zoning, Planning and Land Use	3
REA203	N.J. Environmental Regulations	3
REA204	Real Estate Leasing*	2
REA206	Real Estate Finance	1
		9
TOTAL CI	REDITS	15

Specific Program Notes

- *Holders of current N.J. Sales or Brokers License are exempt from these Courses.
- **Courses in the second semester will be offered in the evening only.

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Retailing Certificate of Achievement		
Code: CO	A.RETAIL	
First Com		
First Sem		
BUS101	Introduction to Business	3
BUS102	Retailing	3
BUS105	Business Communications	3
		9
Second S	emester	
BUS104	Customer Service	3
BUS106	Effective Selling	3
BUS201	Marketing Principles	3
		9
TOTAL CREDITS 18		18
Specific Program Notes		

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Sports Management Certificate of Achievement Code: COA.SPORTS.MGMT				
First Seme	ester			
BUS101	Introduction to Business	3		
WEX101	Dynamics of Health and Fitness	2		
WEX126	Sports Administration	3		
		8		
Second Se	emester			
BUS203	Sports Marketing	3		
WEX127	Intro to Facility and Events	3		
WEX473	Co-Op Work Experience/Sports Management	3		
		9		
TOTAL CR	EDITS	17		

Specific Program Notes

Program: Special Imaging for Radiologic Technologists Certificate of Achievement Code: COA.IMAG.RAD			
This program is for practicing professionals whose experience			
	has gained them the equivalent of one year of		
	two-year program. All students must be		
registered/licensed radiographers [RT(R)/LXT] in good			
Standing to	o enroll in this program.		
First Sem	ester		
RAD250	Cross-Sectional Anatomy for Specialty Imaging	4	
RAD251	Computer Tomography	3	
RAD252	Magnetic Resonance Imaging	3	
	1	0	
Second Se	emester		
RAD253	Magnetic Resonance Imaging Clinical Practicum	1	
RAD254	Computerized Tomography Clinical Practicum	1	
		2	
TOTAL CF	REDITS 1	2	

	Program: Sports Merchandising				
	e of Achievement				
Code: CC	A.SPORT.MERCH				
First Sem	ester				
BUS101	Introduction to Business	3			
BNF103	Sports Finance	3			
BUS150	Sport and Team Branding	3			
		8			
Second S	emester				
BUS203	Sports Marketing	3			
BUS251	Sports Merchandising & Promotion	3			
	Restricted Elective*	3			
		9			
TOTAL C	TOTAL CREDITS				
Specific F	Program Notes				
*Restricte	d Elective: select one of the following:				
BUS463	Co-Op Work Experience [Business Admin]				

Specific Program Notes
Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

- --PSY111 Sport Psychology --WEX127 Intro to Facility and Events

	Welding Technology e of Achievement A.WELD	
First Sem	ester	
DFT107	Drafting I	2
MFG130	Welding Technology I	3
		5
Second S MFG230	Welding Technology I	3
MFG229	Materials Processing & Fabrication	4
		7
TOTAL C	TOTAL CREDITS 12	
Students e	Program Notes enrolled in this program ARE <u>NOT</u> REQUIR ly complete a course in basic algebra if ind et Testing.	