

ARTICULATION AGREEMENT  
BETWEEN  
UNIVERSIDAD DEL SAGRADO CORAZÓN  
AND  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

Universidad del Sagrado Corazón in San Juan, Puerto Rico, and the Borough of Manhattan Community College in New York share common interests: to further de access of minorities to higher education, and to increase the number of minority students obtaining degrees in all professional fields, including Nursing, Social Science, Science, Technology, Business and Communication degrees. Both institutions are located in urban settings, have strong ties to their communities, and provide services to large numbers of Hispanic students.

Under this articulation agreement, students who complete an Associate degree at BMCC and meet the established transfer requirements as outlined below will be accepted, with junior status, at USC to continue studies towards the credits required for the Bachelor's degree. To take advantage of this agreement, students must enter a Bachelor degree program that continues in the same discipline as their Associate degree. In other cases, USC commits itself to accept as many credits as possible consistent with the academic integrity of the fields.

**PURPOSE**

This agreement defines a structure through which articulation on all levels can be supported. This agreement is specifically designed to allow for maximum transfer of credits and a seamless transition for students earning an Associate degree at Borough of Manhattan Community College who want to complete a Baccalaureate degree at Universidad del Sagrado Corazón.

General Provisions

- 1.) USC and BMCC will cooperate in developing offerings and processes that will facilitate the transfer and validation of credits from BMCC to USC.

- 2.) This agreement will be reviewed annually by the BMCC Office of Academic Affairs and Academic Advisement and *Transfer Center* by the USC Office of Academic and Student Affairs and the *Registrar Office* to evaluate any changes in competencies, content, or standards. This may include exchange of visits between officials of both institutions.
- 3.) BMCC and USC agree to appoint a faculty member to serve as joint advisor and to assist students in preparing their academic programs. Such system will reassure students that they are following the prescribed program of studies agreed upon by both institutions.
- 4.) The terms of this Articulation Agreement shall be revised or renewed every three years, provided however, that it may be terminated by either party upon one year's written notice. However, such termination shall not affect students already enrolled.
- 5.) This agreement will be filed with BMCC Office of Academic Affairs, BMCC Office of Academic Advisement and *Transfer Center* and by the USC Office of Academic and Student Affairs and the *Registrar Office*.

#### Processes, Transfer of Credits, and Other Considerations

- 1.) During the first semester of each academic year when a BMCC student will graduate from an Associate degree, the student will send his/her application for transfer/admission, documented by an official transcript, to USC.
- 2.) Participating students must be fluent in both English and Spanish. Most courses at USC are offered in Spanish. For English dominant students, a Spanish language immersion experience will be designed prior to their academic year courses and, based on student needs, some of the courses may be taught in English.
- 3.) Applicants with GPA of 2.50 or better will be considered for transfer. Only courses with a grade of "C" or above will be accepted as transfer credit for

APPENDIX A

ARTICULATION AGREEMENT  
BETWEEN  
UNIVERSIDAD DEL SAGRADO CORAZÓN  
AND  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

PROGRAMS INCLUDED IN THIS ARTICULATION AGREEMENT

*(A grade of "C" or above is required in major courses)*

1. Courses approved in the Computer Science, Mathematics and Science Programs and the Biotechnology Option – Associate in Science degree (A.S.) will be accepted for the Bachelor's degree in Science (B.S.), majoring in Computer Science, Mathematics, Biology and Biotechnology.
2. Courses approved in the Computer Information Systems Program – Associate in Applied Science degree (A.A.S.) will be accepted for the Bachelor's degree in Science (B.S.), majoring in Computer Science or the Bachelors degree in Business Administration (B.B.A.), majoring in Computerized Information Systems.
3. Courses approved in the Nursing Program – Associate in Applied Science degree (A.A.S.) will be accepted for the Bachelor's degree in Nursing Science (B.N.S.).
4. Courses approved in the Childhood Education Program and Early Childhood Education (Pre-school/Elementary) – Associate in Arts degree (A.A.) will be accepted for the Bachelor's degree in Education (B.Ed.), majoring in Elementary Education with a minor in K-3<sup>rd</sup> grade.
5. Courses approved in the Theatre Program – Associate in Science degree (A.S.) will be accepted for the Bachelor's degree in Arts (B.A.), majoring in Theatre.

6. Courses approved in the Human Services Program – Associate in Science degree (A.S.) will be accepted for the Bachelor's degree in Arts (B.A.), majoring in General Social Science.
  
7. Courses in the Multimedia Programming and Design; and the Video Arts and Technology Program – Associate in Applied Science degree (A.A.S.) will be accepted for the Bachelor's degree in Arts of Communication (B.A.C.), majoring in Visual Arts; and in Digital Production - Television.
  
8. Courses approved in the Accounting, Business Management and Small Business/Entrepreneurship Programs – Associate in Applied Science degree (A.A.S.); and in the Business Administration Program – Associate in Arts degree (A.A.) will be accepted for the Bachelor's degree in Business Administration (B.B.A.), majoring in Accounting, Management with minor in Finance, Entrepreneurship; and Marketing

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

## I. A.S. DEGREE IN COMPUTER SCIENCE (CSC)

Courses accepted to complete a Bachelor's degree in Science (B.S.)

Major in **Computer Science** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.S.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
ART 110 or 210 - Art Survey/Modern Art	2	ART 102 - Visual Arts Appreciation	3
SOC 100 - Introduction to Sociology*	3	CSO 104 - Contemporary Social Analysis	3
CSC 110 - Computer Programming I	4	INF 111 - Computer Science I	4
*Recommended as the Social Science elective.			
<b>Departmental Requirements</b>			
MAT 206 - Mathem. Found. for Calculus	4	MAT 133-134 - Precalculus I-II	6
MAT 301-302 - Anal. Geom. & Calculus I-II	8	MAT 201 - Calculus I	5
PHY 215-225 - University Physics I-II	8	FIS 203-204 - General Physics I-II	8
<b>Major Requirements</b>			
CSC 210 - Computer Programming II	4	INF 112 - Computer Science II	4
CSC 330 - Data Structures I	3	INF 201 - Data Structures	3
CSC 310 - Assembler Lang. & Architect. I	3	CCO 235 - Computer Architecture	4
MAT 200 - Introd. to Discrete Mathem.	4	MAT 375 - Discrete Structures	3
<b>Electives withing the Major</b>			
CSC 230 - Discrete Structures	3	CCO 390 - Special Themes	3
<b>Free Electives</b>			
CSC 410 - Assembler Lang. & Architect. II	3	Free elective	3
CSC 430 - Data Structures II	3	Free elective	3

Total to graduate at BMCC: 61 credits

Credits accepted by USC: 61 credits

Credits to approve at USC: 72

Total credits for the Bachelor's Degree: 133

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

- II. A.A.S. DEGREE IN COMPUTER INFORMATION SYSTEMS (CIS)  
 Courses accepted to complete a Bachelor's degree in Science (B.S.)  
**Major in Computer Science** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.S.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
BIO 210 - Biology I	4	BIO 111 - General Biology I	3
SOC 100 - Introduction to Sociology*	3	CSO 104 - Contemporary Social Analysis	3
CSC 110 - Computer Programming I	4	INF 111 - Computer Science I	4
*Recommended as a general requirements elective.			
<b>Departmental Requirements</b>			
<b>Major Requirements</b>			
CSC 210 - Computer Programming II	4	INF 112 - Computer Science II	4
CSC 330 - Data Structures I	3	INF 201 - Data Structures	3
CIS 395 - Database Systems I	5	INF 252 - Introd. to Database	3
CSC 310 - Assembler Lang. & Architect. I	3	CCO 235 - Computer Architecture	4
CIS 495 - Database Systems II	3	CCO 351 - Database Implementation	3
MAT 200 - Introd. to Discrete Mathem.	4	MAT 375 - Discrete Structures	3
<b>Electives within the Major</b>			
CIS 200 - Introd. Systems & Technologies	3	INF 390 - Special Themes	3
CIS 385-485 - Web Programming I-II	6	CCO 390 - special Themes	3
<b>Free Electives</b>			
ACC 122-222 - Accounting Principles I-II	8	Free elective*	6
BUS 104 or 200	3	Free elective*	

\*Only 6 crs. in free electives are computed for the bachelor's degree.

Total to graduate at BMCC: 62 credits  
 Credits accepted by USC: 51 credits  
 Credits to approve at USC: 82  
 Total credits for the Bachelor's Degree: 133

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

III. A.S. DEGREE IN SCIENCE (SCI)

Courses accepted to complete a Bachelor's degree in Science (B.S.)

**Major in Biology** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.S.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
BIO 210 - Biology I	4	BIO 111 - General Biology I	6
SOC 100 - Introduction to Sociology*	3	CSO 104 - Contemporary Social Analysis	3
SCI 120 - Computer Methods in Science	4	INF 102 - Fund.Informatics/Nat.Science	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
SPN 200-210 - Spanish III-IV	6	ESP 106-227 - Writ.& Reading/Adv.Comp	6
ART 110 - Art Survey	2	ART 102 - Visual Arts Appreciation	3
ANT 100 - Introd. to Anthropology *	3	(Optative)ANT 201 - Anthropol. & Culture	3
*Recommended as Social Science Electives. Optative course of the general requirements for Biology curriculum can be substituted by GEO 100 or PSY 100.			
<b>Departmental Requirements</b>			
BIO 220 - Biology II	4	BIO 112 - General Biology II	3
CHE 201-202 - College Chemistry I-II	8	QUI 101-102 - General Chemistry I-II	8
MAT 206 - Mathem. Found. for Calculus**	4	MAT 133-134 - Precalculus I-II	6
MAT 301 - Analytic Geom.&Calculus I	4	MAT 201 - Calculus I	5
**This course is required at USC as a prerequisite for Calculus I. Calculus II is not required for the Biology curriculum.			
<b>Major Requirements</b>			
BIO 240 - Genetics	4	BIO 223 - Genetics	4
<b>Electives withing the Major</b>			
BIO 230 - Principles of Microbiology	4	BIO 206- Microbiology	4

Total to graduate at BMCC: 61 credits

Credits accepted by USC: 61 credits

Credits to approve at USC: 71

Total credits for the Bachelor's Degree: 132

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

## IV. A.S. DEGREE IN MATHEMATICS (MAT)

Courses accepted to complete a Bachelor's degree in Science (B.S.)

**Major in Mathematics** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.S.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
BIO 210 - Biology I	4	BIO 111- General Biology I	3
ART 110 - Art Survey	2	ART 102 - Visual Arts Appreciation	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
SPN 200-210 - Spanish III-IV	6	ESP 106-227 - Writ.& Reading/Adv.Comp	6
MAT 209 - Statistics	4	MAT 261 - Computer Statistics	3
SOC 100 - Introduction to Sociology	3	CSO 104 - Contemporary Social Analysis	3
ANT 100 - Introd. to Anthropology *	3	ANT 201 - Anthropology and Culture	3
CSC 210 - Computer Programming II**	4	INF 102 - Fund.Informatics/Nat.Science	3
*Soc. Sc. Elective at BMCC; optative course for Mathematics curriculum at USC and can be substituted by GEO 100 or PSY 100.			
**Program elective course at BMCC will transfer as INF 102 for the Mathematics curriculum at USC.			
<b>Departmental Requirements</b>			
BIO 220 - Biology II	4	BIO 112 - General Biology II	3
MAT 206 - Mathem. Found. for Calculus**	4	MAT 133-134 - Precalculus I-II	5
MAT 301 - Analytic Geom.& Calculus I	4	MAT 201 - Calculus I	5
**Elective course at BMCC and recommended for students transferring to USC. Prerequisite for Calculus I and required by the Math major curriculum.			
<b>Major Requirements</b>			
MAT 302 - Analytic Geom.& Calculus II	4	MAT 202 - Calculus II	5
MAT 303 - Analytic Geom. & Calculus III	4	MAT 350 - Multivariable Calculus	3
MAT 315 - Linear Algebra	3	MAT 311 - Linear Algebra	3
MAT 501 - Differential Equations	3	MAT 301 - Differential Equations	3

Total to graduate at BMCC: 63 credits

Credits accepted by USC: 63 credits

Credits to approve at USC: 65

Total credits for the Bachelor's Degree: 128



**COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE**

**V. A.A.S. DEGREE IN NURSING**

Courses accepted to complete a Bachelor's degree in **Science Nursing (B.S.N.)**  
at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.S.N.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
BIO 425-426* - Anatomy & Physiology I-II	8	BIO 101-102 - Human Biology I-II	6
PSY 100 - Introd. to Psychology **	3	CSO 104 - Contemporary Social Analysis	3
SOC 100 - Introd. to Sociology **	3		
ART 110 - Art Survey***	2	ART 102 - Visual Arts Appreciation	3
*BIO 426 will be consider as the optative course of the general requirements for the Nursing curriculum.			
**These two courses will be equivalent for one course at USC.			
***Recommended as the general elective since needed as general requirement of USC curriculum.			
<b>Departmental Requirements</b>			
BIO 420 - Microbiology	4	BIO 204 - Introd. to Microbiology	4
CHE 121 - Fund.General Org./Biol.Chem. I		QUI 108 - PrinciplesGeneral Chemistry I	4
(CHE 121 is a prerequisite for the Biology courses and credit will not be granted for the degree at BMCC).			
<b>Major Requirements</b>			
NUR 112 - Fund. Of Patient Care (NPL-I)	8	ENF 101 - Fundamentals In Nursing	7
NUR 211 - Obstetrics/Psych. Care (NPL-II)	8	ENF 301 - Maternity Nursing	7
NUR 313 - Pediatric & Medical Surgical Care (NPL-III)	8	ENF 402 - Pediatrics	7
NUR 411 - Medical Surg.Care (NPL-IV)	8	ENF 331 - Medical Surg. Nursing I	8
(NPL = Nursing Process Level)			
<b>Free Electives</b>			
MAT 104 - Mathematics for Health Sc.***	3	Pre-requisite	
NUR 415 - Nursing Today & Tomorrow***	1	Free elective	

\*\*\* No free elective are required for this bachelor's degree.

Total to graduate at BMCC: 65 credits

Credits accepted by USC: 58 credits

Credits to approve at USC: 74

Total credits for the Bachelor's Degree: 132

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

VI. A.A. DEGREE IN CHILDHOOD EDUCATION (EDU)

Courses accepted to complete a Bachelor's degree in Education (B.Ed.),  
Major in General Education at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.Ed.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
SPN 200 - Spanish III	3	ESP 106 - Writing and Reading	3
SPN 210 - Spanish IV	3	ESP 227 - Advanced Composition	3
BIO 210-220 - Biology I-II	8	BIO 111-112 - General Biology I-II	6
MAT 216 - Math/Elementary Education II	4	MAT 210 - Applied Statistics	3
HIS 101 - Western Civilization	3	HUM 111 - Human Being/Circumstances	3
ART 110 - Art Survey	2	ART 102 - Visual Arts Appreciation	3
<b>Departmental Requirements</b>			
EDU 202 - Schools in Diverse Society	4	EDU 201 - Fundamentals of Education	3
HIS 120 - Early American History <b>OR</b> HIS 125 - Modern American History	3	HIS 339 - Society & Culture of the USA	3
<b>Electives within the Major</b>			
EDU 201 - Observing Children	4	EDU 211 - Introd. Early Childhood Educ.	3
EDU 203 - Art in Education	3	EDU 311 - Art in School Curriculum	3
MAT 214 - Math/Elementary Education I	4	EDU 314 - Math in the School Program	3
<b>Free Electives</b>			
ENG 391-392 - World Literature I-II	6	Free Elective	6
HIS 102 - Western Civilization II	3	Free Elective	3
PSY 100 - General Psychology	3	Free Elective	3

**Note:** Please check with USC Education Department for licensure requirements in Puerto Rico, if interested.

Total to graduate at BMCC: 62 credits

Credits accepted by USC: 57

Credits to approve at USC: 74

Total credits for the Bachelor's Degree in Education: 131

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

VII. A.A. DEGREE IN CHILDHOOD EDUCATION - Pre-School/Elementary (3 to 6 years) (ECP)

Courses accepted to complete a Bachelor's degree in Education (B.Ed.), **Major in Elementary Education (4th to 6th grade) and a minor (K-3rd grade)** at Universidad del Sagrado Corazón.

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.Ed.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
SPN 200 - Spanish III	3	ESP 106 - Writing and Reading	3
SPN 210- Spanish IV	3	ESP 227 - Advanced Composition	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
PSY 100 - General Psychology	3	PSI 200 - Psychology Personal Growth	3
SOC 100 - Introduction to Sociology	3	CSO 104 - Contemporary Social Analysis	3
BIO 110- General Biology	4	BIO 109 - Biology and Society	3
MAT 150 - Introduction to Statistics	4	MAT 210 - Applied Statistics	3
HIS 101 - Western Civilization*	3	HUM 111 - Human Being/Circumstances	3
ART 110 - Art Survey	2	ART 102 - Visual Arts Appreciation	3
*Recommended as the general elective, needed as general requirement of USC curriculum.			
<b>Departmental Requirements</b>			
ECE 201 - The Exceptional Child	3	EDU 306 - Natu.Need Exceptional Child	4
POL 100 - American Government	3	HIS 339 - Society & Culture of the USA	3
PSY 250 - Child Psychology	3	PSI 203 - Developmental Psychology I	3
<b>Major Requirements</b>			
GEO 100 - Introd. Human Geography	3	GEO 102 - Cultural Geography	3
<b>Electives within the Major</b>			
ECE 102 - Early Child Education I	3	EDU 211 - Introd. Early Childhood Educ.	3
ECE 202 - Curr.& Prog.Plan. Young Child I	3	EDU 305 -Method./Integ.Curr.Early Educ.	3
ECE 301 - Early Childhood Education II	3	EDU 317 - Preschool Curriculum	3
<b>Free Electives</b>			
ECE 302 - Curr.& Prog.Plan.Young Child II	3	Free Elective	3
ECE 401 - Superv.Instr.Exper.Young Child	4	Free Elective	3

Total to graduate at BMCC: 61 credits

Credits accepted by USC: 61

Credits to approve at USC: 67 or 73 for the minor

Total credits for the Bachelor's Degree in Education: 128

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

## VIII. A.S. DEGREE IN THE THEATRE (THE)

Courses accepted to complete a Bachelor's degree in Arts (B.A.)

**Major in Theatre** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.A.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
ENG 391 - World Literature I	3	ING 121 - Literary Genres 1	3
ART 110 - Art Survey I	2	ART 102 - Visual Arts Appreciation	3
BIO 110 - General Biology	4	BIO 109 - Biology and Society	3
HIS 102 - Western Civiliz.:Modern	3	HUM 111 - Human Being/Circumstances	3
MAT 100 - Fund. Of Mathematics	4	MAT 100 - Introduction to Mathematics	3
CIS 100 - Computer Applications	3	INF 105 - Introduction to Computers	3
SPN 200 - Spanish III (General Elective)*	3	ESP 106 - Writing and Reading	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
*Students transferring to USC to the Theatre major are recommended to take a Spanish course.			
<b>Departmental Requirements</b>			
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
THE 300 - History of Theatre	3	TEA 131 - Theatre History 1	3
<b>Major Requirements</b>			
THE 110-210 - Acting I - II	6	TEA 111-112 - Acting 1 - 2	6
THE 258 - Externship	3	TEA 290 - Production Worksop	3
THE 121 - Elements of Production	3	TEA 334 - Technical Theatre Production	3
THE 140 - Stage Management	3	TEA 435 - Directing 1	3
THE 220 - Page-to-Stage	3	TEA 436 - Directing 2	3
<b>Free Electives</b>			
THE 100 - Introduction to Theatre	3	Free elective	3
THE 125-126 - Prod.Practicum I-II	2	Free elective	2
THE 115 - Voice & Movement /Actor	1	Free elective	1

Total to graduate at BMCC: 60 credits

Credits accepted by USC: 60

Credits to approve at USC: 69

Total credits required for the Bachelor's Degree: 129

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

## IX. A.S. DEGREE IN THE HUMAN SERVICES (HUM)

Courses accepted to complete a Bachelor's degree in Arts (B.A.)

Major in **General Social Sciences** at Universidad del Sagrado Corazón.

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.A.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamental of Speech	3	ING 117 - Oral Communication	3
ART 110 - Art Survey I	2	ART 102 - Visual Arts Appreciation	3
BIO 110 - General Biology	4	BIO 109 - Biology and Society	3
SOC 100 - Introd. to Sociology	3	CSO 104 - Contemporary Social Analysis	3
ANT 100 - Introduction to Antropology*	3	(Optative)ANT 201 - Antropology/Culture	3
SPN 200 - Spanish III **	3	ESP 106 - Writing and Reading	3
SPN 210 - Spanish IV **	3	ESP 227 - Advanced Composition	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
*Recommended as the general requirements elective.			
**Students transferring to USC are recommended to take Spanish as the foreign language requirem.			
<b>Departmental Requirements</b>			
MAT 150 - Introd. to Statistics	4	CSO 203 - Statistics in Contep. Soc. Sc.	3
HUM 411 - Soc. Welfare Programs & Pol.	3	CSO 317 - Welfare Systems & social Po.	3
<b>Major Requirements</b>			
HUM 101 - Introd. Human Serv. & Soc. Work	3	TSO 210 - Social Work Profession	3
HUM 211 - Introd. to Gerontology	3	PSI 210 - Introd. to Gerontology	3
PSY 240 - Developmental Psychology	3	PSI 203 - Developmental Psychology 1	3
PSY 100 - General Psychology	3	PSI 201 - General Psychology 1	3
<b>Free Electives</b>			
HUM 201 - Human Services Skills	4	Free elective	4
HUM 301 - Field Exper. Human Services I	3	Free elective	3
HUM 401 - Field Exper. Human Services II	3	Free elective	3
POL 100 - American Government	3	Free elective	3

Total to graduate at BMCC: 61 credits

Credits accepted by USC: 61

Credits to approve at USC: 65

Total credits required for the Bachelor's Degree: 126

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

## X. A.S. DEGREE IN THE HUMAN SERVICES (HUM)

Courses accepted to complete a Bachelor's degree in Arts (B.A.)

Major in **Social Work** at Universidad del Sagrado Corazón.

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.A.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamental of Speech	3	ING 117 - Oral Communication	3
ART 110 - Art Survey I	2	ART 102 - Visual Arts Appreciation	3
BIO 110 - General Biology	4	BIO 109 - Biology and Society	3
SOC 100 - Introd. to Sociology	3	CSO 104 - Contemporary Social Analysis	3
ANT 100 - Introduction to Antropology*	3	(Optative)ANT 201 - Antropology/Culture	3
SPN 200 - Spanish III **	3	ESP 106 - Writing and Reading	3
SPN 210 - Spanish IV **	3	ESP 227 - Advanced Composition	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
*Recommended as the general requirements elective.			
**Students transferring to USC are recommended to take Spanish as the foreign language requirem.			
<b>Departmental Requirements</b>			
MAT 150 - Introd. to Statistics	4	CSO 203 - Statistics in Contep. Soc. Sc.	3
<b>Major Requirements</b>			
HUM 101 - Introd.Human Serv.& Soc. Work	3	TSO 210 - Social Work Profession	3
HUM 201 - Human Services Skills	4	TSO 301 - Social Work Method 1	3
HUM 411 - Soc. Welfare Programs & Pol.	3	TSO 317 - Welfare Systems & social Po.	3
HUM 401 - Field Exper.in Human Serv. 2	3	TSO 402 - Social Work Method 2	3
PSY 240 - Developmental Psychology***	3	PSI 203 - Developmental Psychology 1	3
***Recommended as the Social Science elective of the curriculum requirement.			
<b>Free Electives</b>			
HUM 211 or HUM 212 or HUM 213	3	Free elective	3
HUM 301 - Field Exper.in Human Serv. 1	3	Free elective	3
PSY 100 - General Psychology	3	Free elective	3
POL 100 - American Government	3	Free elective	3

Total to graduate at BMCC: 61 credits

Credits accepted by USC: 60

Credits to approve at USC: 67

Total credits required for the Bachelor's Degree: 127

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

- XI. A.A.S. DEGREE IN THE MULTIMEDIA PROGRAMMING & DESIGN (MMD) - Computer & Design Area  
Courses accepted to complete a Bachelor's degree in Arts of Communication (B.A.C.)  
**Major in Visual Arts** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.A.C.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
ART 110 - Art Survey I	2	ART 102 - Visual Arts Appreciation	3
BIO 110 - General Biology	4	BIO 109 - Biology and Society	3
MAT 150 - Introd. to Statistics	4	MAT 210 - Applied Statistics 1	3
CIS 100 - Introd. Computer Applications	3	INF 103 - Fund. Informatics/Communic.	3
SoC 100 - Introduction to Sociology	3	CSO 104 - Contemp. Social Analysis	3
<b>Departmental Requirements</b>			
ART 234-334 - Photography I-II	4	FOT 130 - Photography/Communications	3
<b>Major Requirements</b>			
ART 210 - Modern Art	2	ART 115 - Contemp. Artistic Styles	3
ART 164 - Life Drawing	2	ART 121 - Drawing 1	3
ART 301-302 - Drawing I-II	4	ART 222 - Drawing 2	3
ART 214 - Advertising Design	2	ART 425 - Advertising Design	3
ART 354 - Graphic Design I	2	ART 334 - Introd. to Silkscreen	3
MMP 200 - Multimedia Design *	3		
* Elective course to satisfy credit deficiency in the Art major requirements at USC.			
<b>Free Electives</b>			
ART 105 - Color & Design	2	Free elective	2
ART 224 - Advertising Illustration I	2		2
MMP 100 - Introd. to Multimedia	3	Free elective	3
MMP 460 - Multimedia Project Lab.	4	Free elective	4
CED 345 - Multimedia Internship I	2	Free elective	2
VAT 150 - Introd. corporate Media Applic.	3	Only 12 crs. are require as free lectives.	

Total to graduate at BMCC: 60 credits

Credits accepted by USC: 55

Credits to approve at USC: 72

Total credits required for the Bachelor's Degree: 127

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

## XII. A.A.S. DEGREE IN THE VIDEO ARTS AND TECHNOLOGY (VAT)

Courses accepted to complete a Bachelor's degree in Arts of Communication (B.A.C.)

**Major in Digital Production - Television** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.A.C.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamentals of Speech	3	ING 117 - Oral Communication	3
ART 110 - Art Survey I	2	ART 102 - Visual Arts Appreciation	3
PHY 110 - General Physics	4	FIS --- Physic course	3
MAT 150 - Introd. to Statistics	4	MAT 210 - Applied Statistics 1	3
CIS 100 - Introd. to Computer Applic.	3	INF 103 - Fund. Informatics/Communic.	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
SOC 100 - Introduction to Sociology	3	CSO 104 - Contemp. Social Analysis	3
<b>Departmental Requirements</b>			
SPE 245 - Mass Media	3	CMU 101 - Introd. Mass Communication	3
<b>Major Requirements</b>			
VAT 151- Script to Screen	3	TEL 336 - Script Writing	3
VAT 152 - Introd. Media Appliccations	3	PRO 338 - Sound Production	4
VAT 161-261 - TV Studio Production I-II	6	TEL 339 - TV Production	4
VAT 171-271 - Remote Prod.Video. Ed.I-II	6	PRO 339 - Basic Digital Production	6
<b>Free Electives</b>			
VAT 165 - Sound for Performance/Dig.Media	3	Free elective	3
VAT 100 - Introd. to Video Technology	3	Free elective	3
BUS 200 - Bus. Organization & Management	3	Free elective	3
CED 201 - Career Planning	2	Free elective	2
CED 371 - Video Arts & Technology I	2	Free elective	2

Total to graduate at BMCC: 60 credits

Credits accepted by USC: 59

Credits to approve at USC: 67

Total credits required for the Bachelor's Degree: 126



## COURSE EQUIVALENCIES

## BOROUGH OF MANHATTAN COMMUNITY COLLEGE

## XIII. A.A.S. DEGREE IN BUSINESS MANAGEMENT (BEC)

Courses accepted to complete a Bachelor's degree in Business Administration (B.B.A.)

**Major in Management - Minor in Finance** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.B.A.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamental of Speech	3	ING 117 - Oral Communication	3
ART 110 - Art Survey I	2	ART 102 - Visual Arts Appreciation	3
BIO 110 - General Biology	4	BIO 109 - Biology and Society	3
CIS 100 - Introd. Computer Applications	3	INF 101 - Fund. Manag. Information Syst.	3
<b>Departmental Requirements</b>			
MAT 206 - Mathematical Found. Calculus	4	MCO 150 - Quantitative Methods	4
ECO 202 - Microeconomics	3	ECO 235 - Principles of Microeconomics	3
BUS 104 - Introd. to Business	3	ADM 102 - Organization Dynamics	4
BUS 110 - Business Law	3	ADM 201 - Business Law	3
ACC 122 - Accounting Principles I	4	CON 211 - Princ. of Accounting Manag. 1	4
FNB 100 - Introduction to Finance	3	FIN 305 - Managerial Finance	3
MAR 100 - Introduction to Marketing	3	GME 201 - Principles of Marketing	3
<b>Major Requirements</b>			
CED 361 - Business Manag. Internship I	2	ADM 499 - Managerial Practice	3
BUS 210 - Business Methods *	3		
* Elective course to satisfy credit deficiency of ADM 102 and ADM 499.			
<b>Minor Electives in Finance</b>			
FNB 250 - Money & Banking	3	FIN 308 - Money and Banking	3
FNB 300 - Investments	3	FIN 304 - Investments	3
<b>Free Electives</b>			
BUS 150 - Business Communication	3	Free Elective	3
BUS 220 - Managerial Decision Making	3	Free Elective	3
FNB 230 - Financial Management	3	Free Elective	3

Total to graduate at BMCC: 61 credits

Credits accepted by USC: 60

Credits to approve at USC: 72

Total credits required for the Bachelor's Degree: 132

COURSE EQUIVALENCIES  
**BOROUGH OF MANHATTAN COMMUNITY COLLEGE**

XIV. A.A. DEGREE IN BUSINESS ADMINISTRATION (BAN)

Courses accepted to complete a Bachelor's degree in Business Administration (B.B.A.)

Major in **General Business Administration** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.B.A.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamental of Speech	3	ING 117 - Oral Communication	3
ART 110 - Art Survey I	2	ART 102 - Visual Arts Appreciation	3
BIO 110 - General Biology	4	BIO 109 - Biology and Society	3
MAT 150 - Introduction to Statistics *	4	MCO 250 - Statistical Analysis	3
SOC 100 - Introd. to Sociology *	3	CSO 104 - Contemporary Social Analysis	3
PSY 100 - General Psychology*	3	PSI 200 - Psychology Personal Growth	3
SPN 200 - Spanish III **	3	ESP 106 - Writing and Reading	3
SPN 210 - Spanish IV **	3	ESP 227 - Advanced Composition	3
HIS 102 - Western Civilization: Modern *	3	HUM 111 - Human Being/Circumstances	3
PHI 110 - Logic *	3	FIL 101 - Logic	3
CIS 100 - Introd. Computer Applications	3	INF 101 - Fund. Manag. Information Syst.	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
*Recommended as the Liberal Arts Electives requirements.			
** Spanish is recommended as the foreign language as part of the Liberal Arts Electives.			
<b>Departmental Requirements</b>			
MAT 206 - Mathematical Found. Calculus	4	MCO 150 - Quantitative Methods	4
ECO 202 - Microeconomics	3	ECO 235 - Principles of Microeconomics	3
BUS 104 - Introd. to Business	3	ADM 102 - Organization Dynamics *	3
BUS 110 - Business Law	3	ADM 201 - Business Law	3
ACC 122 - Accounting Principles I	4	CON 211 - Princ. of Accounting Manag. 1	4
MAR 100 - Introduction to Marketing	3	GME 201 - Principles of Marketing	3
* One additional credit in an elective course is required to satisfy credit deficiency of ADM 102.			
<b>Major Requirements</b>			
<b>Free Electives</b>			

Total to graduate at BMCC: 62 credits

Credits accepted by USC: 62

Credits to approve at USC: 68

Total credits required for the Bachelor's Degree: 130

COURSE EQUIVALENCIES  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

XV. A.A.S. DEGREE IN SMALL BUSINESS/ENTREPRENEURSHIP (SEB)

Courses accepted to complete a Bachelor's degree in Business Administration (B.B.A.)

**Major in Entrepreneurship** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.B.A.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamental of Speech	3	ING 117 - Oral Communication	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
BIO 110 - General Biology	4	BIO 109 - Biology and Society	3
CIS 100 - Introd. Computer Applications	3	INF 101 - Fund. Manag. Information Syst.	3
<b>Departmental Requirements</b>			
MAT 206 - Mathematical Found. Calculus	4	MCO 150 - Quantitative Methods	4
ECO 202 - Microeconomics	3	ECO 235 - Principles of Microeconomics	3
BUS 104 - Introd. to Business	3	ADM 102 - Organization Dynamics	4
BUS 110 - Business Law	3	ADM 201 - Business Law	3
ACC 122 - Accounting Principles I	4	CON 211 - Princ. of Accounting Manag. 1	4
FNB 100 - Introduction to Finance	3	FIN 305 - Managerial Finance	3
MAR 100 - Introduction to Marketing	3	GME 201 - Principles of Marketing	3
<b>Major Requirements</b>			
SBE 300 - Indepen. Research in Small Bus.	2	GME 212 - Marketing Research	3
CED 365 - Small Bus. Entrepreneurship	2		
* Elective course to satisfy credit deficiency of ADM 102 and GME 212.			
<b>Electives within the major</b>			
SBE 100 - Product & Service Creation	3	GME 307 - Services Marketing	3
SBE 200 - International Trade & Export	3	CIN 300 - International Trade Commerce	3
<b>Free Electives</b>			
BUS 150 - Business Communication	3	Free Elective	3
BUS 210 - Business Methods	3	Free Elective	3
SBE 400 - Small Business Management	3	Free Elective	3

Total to graduate at BMCC: 60 credits

Credits accepted by USC: 60

Credits to approve at USC: 70

Total credits required for the Bachelor's Degree: 130

## COURSE EQUIVALENCIES

## BOROUGH OF MANHATTAN COMMUNITY COLLEGE

## XVI. A.A.S. DEGREE IN ACCOUNTING (ACC)

Courses accepted to complete a Bachelor's degree in Business Administration (B.B.A.)

**Major in Accounting** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.B.A.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamental of Speech	3	ING 117 - Oral Communication	3
ART 110 - Art Survey I	2	ART 102 - Visual Arts Appreciation	3
BIO 110 - General Biology	4	BIO 109 - Biology and Society	3
HED 100 - Health Education	2	CFI 105 - Wellness/Quality Life	3
SOC 100 - Introduction to Sociology	3	CSO 104 - Contemporary Social Analysis	3
CIS 100 - Introd. Computer Applications	3	INF 101 - Fund. Manag. Information Syst.	3
<b>Departmental Requirements</b>			
MAT 206 - Mathematical Found. Calculus	4	MCO 150 - Quantitative Methods	4
ECO 202 - Microeconomics	3	ECO 235 - Principles of Microeconomics	3
BUS 110 - Business Law	3	ADM 201 - Business Law	3
ACC 430 - Intermediate Accounting II	3	CON 202 - Accounting Principles 2	4
FNB 100 - Introduction to Finance *	3	FIN 305 - Managerial Finance	3
*Student transferring to USC are recommended to take FNB 100 as the Accounting Elec. requirement.			
<b>Major Requirements</b>			
ACC 330 - Intermediate Accounting	3	CON 313 - Intermediate Accounting 1	4
ACC 350 - Cost Accounting I	3	CON 315 - Cost Accounting	4
<b>Electives within the major</b>			
ACC 321 - Accountng. Applic./Micro Comp	3	CON 360 - Computer Accounting System	3
CED 301 - Accounting Intership	2	CON 499 - Accounting Practice	3
ACC 122 - Accounting Principles I **	4	CON 211 - Princ. of Accounting Manag. 1	
** Elective course to satisfy credit deficiency of CON 202, CON 313, CON 315 and CED 301			
<b>Free Electives</b>			
ACC 222 - Accounting Principles II	4	Free Elective	4
CED 201 - Career Planning	2	Free Elective	1

Total to graduate at BMCC: 60 credits

Credits accepted by USC: 60

Credits to approve at USC: 71

Total credits required for the Bachelor's Degree: 131

## COURSE EQUIVALENCIES

## BOROUGH OF MANHATTAN COMMUNITY COLLEGE

## XVII. A.A.S. DEGREE IN COMPUTER INFORMATION SYSTEMS (CIS)

Courses accepted to complete a Bachelor's degree in Business Administration (B.B.A.)

Major in **Computerized Information Systems** at Universidad del Sagrado Corazón

BOROUGH OF MANHATTAN C.C.	CR.	UNIVERSIDAD DEL SAGRADO CORAZON	CR.
<b>General Requirements for the B.B.A.</b>			
ENG 101 - English Composition I	3	ING 113 - Reading for Communication	3
ENG 201 - English Composition II	3	ING 114 - Essay Writing	3
SPE 100 or 102 - Fundamental of Speech	3	ING 117 - Oral Communication	3
ANT 100 - Introduction to Anthropology	3	(Oprtative) ANT 201 - Anthropol. & Culture	3
BIO 110 - General Biology	4	BIO 109 - Biology and Society	3
CSC 110 - Computer Programming I	4	INF 111 - Computer Science 1	4
<b>Departmental Requirements</b>			
MAT 206 - Mathematical Found. Calculus	4	MCO 150 - Quantitative Methods	4
BUS 104 - Introd. to Business	3	ADM 102 - Organization Dynamics	4
BUS 110 - Business Law	3	ADM 201 - Business Law	3
ACC 122-222 - Accounting Principles I-II	8	CON 211-212 - Princ. Accontg. Manag. 1-2	8
<b>Major requirements</b>			
CSC 210 - Computer Programming II	4	INF 112 - Computer Science 2	4
CIS 395 - Database Systems I *	5	INF 252 - Introduction to Database	3
CIS 485 - Web Programming II	3	SIC 470 - Application Project	3
* Extra credits of CIS 395 will satisfy deficiency of BUS 104 (ADM 102) and Free Elective.			
<b>Electives within the Major</b>			
CIS 495 - Database Systems II	3	CCO 351 - Database Implementation	3
<b>Free Electives</b>			
CIS 200 - Introd. Systems & Technologies	3	Free Elective	3
CIS 385 - Web Programming I	3	Free Elective	3
CIS 105 - Introd. Computer Records	2	Free Elective	3

Total to graduate at BMCC: 61 credits

Credits accepted by USC: 60

Credits to approve at USC: 72

Total credits required for the Bachelor's Degree: 132

ARTICULATION AGREEMENT WITH  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN SCIENCE (CSC) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**I. COMPUTER SCIENCE (B.S.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (9 credits)	
ESP 106 - Writing and Reading; ESP --- Various options	6
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic, FIL --- Various options	6
THEOLOGY: (6 credits) TEO --- --- Various options	
HISTORY (3 crs.)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES (3 crs.)	
HUM 111 - The Human Being/Circumstances	3
MATHEMATICS (3 crs.)	
MAT 261 - Computer Statistics	3
PHYSICAL EDUCATION (3 crs.)	
CFI 105 - Wellness and Quality Life	3
NATURAL SCIENCE (3 crs.)	
BIO 111 - General Biology I	3
OPTATIVE COURSE (3 crs.)	
Select a course from the Social Sciences or Humanities area	3
MAJOR SEMINAR (3 crs.)	
CCO 480 - Seminar	3
<b>Departmental Requirements</b>	
BIO 112 - General Biology II	3
<b>Major Requirements</b>	
CCO 130 - Computational Logic	3
CCO 215 - Comparative Analysis/Program Languages	3
CCO 330 - Distributed Systems	3
CCO 340 - Operating Systems	3
CCO 351 - Database Design and Implementation	3
CCO 360 - Artificial Intelligence	3
INF 211 - Structure Systems Analysis and Design	3
INF 252 - Introduction to Data Base	3
CCO --- Elective course within the major (Select a course from a menu)	3
<b>Total Credits</b>	<b>72</b>

ARTICULATION AGREEMENT WITH  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN APPLIED SCIENCE (CIS) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**II. COMPUTER SCIENCE (B.S.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (9 credits)	
ESP 10 6 - Writing and Reading	3
ESP 121 or 122 - Literary Genres 1 or 2	3
ESP --- Various options	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic, FIL --- Various options	6
THEOLOGY: (6 credits) TEO --- --- Various options	6
ART (3 crs.)	
ART 102 - Visual Arts Appreciation	3
HISTORY (3 crs.)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES (3 crs.)	
HUM 111 - The Human Being/Circumstances	3
MATHEMATICS (3 crs.)	
MAT 261 - Computer Statistics	3
PHYSICAL EDUCATION (3 crs.)	
CFI 105 - Wellness and Quality Life	3
OPTATIVE COURSE (3 crs)	
Select a course from the Social Sciences or Humanities area	3
MAJOR SEMINAR (3 crs.)	
CCO 480 - Seminar	3
<b>Departmental and Major Requirements</b>	
BIO 112 - General Biology II	3
MAT 133-134 - Precalculus I-II	6
MAT 201 - Calculus I	5
FIS 203-204 - General Physics I-II	8
CCO 130 - Computational Logic	3
CCO 215 - Comparative Analysis/Program Languages	3
CCO 330 - Distributed Systems	3
CCO 340 - Operating Systems	3
CCO 360 - Artificial Intelligence	3
INF 211 - Structure Systems Analysis and Design	3
<b>Total Credits</b>	<b>82</b>

ARTICULATION AGREEMENT WITH  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN SCIENCE (SCI) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**III. BIOLOGY (B.S.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (3 credits)	
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic, FIL --- Various options	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- --- Various options	
TEO --- --- Various options	6
HISTORY (3 crs.)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES (3 crs.)	
HUM 111 - The Human Being/Circumstances	3
MATHEMATICS (3 crs.)	
MAT 261 - Computer Statistics	3
MAJOR SEMINAR (3 crs.)	
BIO 480 - Seminar	3
<b>Departmental Requirements</b>	
QUI 301-302 - Organic Chemistry I-II	8
FIS 203-204 - General Physics I-II	8
<b>Major Requirements</b>	
BIO 200 - Botany, BIO 201 - Plant Morphology or BIO 202 - Plant Physiology	4
BIO 203 - General Zoology	4
BIO 302 - Ecology	4
BIO 323 - Developmental Biology or BIO 429 - Cellular Molecular Biology	4
<b>Elective course within the major</b>	
BIO --- (Select one course from a menu)	4
<b>Free electives</b>	
XXX --- --- Free electives	8
<b>Total Credits</b>	<b>71</b>



ARTICULATION AGREEMENT WITH  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN SCIENCE (SCI) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**IV. MATHEMATICS (B.S.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (3 credits)	
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic, FIL --- Various options	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- --- Various options	
TEO --- --- Various options	6
HISTORY (3 crs.)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES (3 crs.)	
HUM 111 - The Human Being/Circumstances	3
MAJOR SEMINAR (3 crs.)	
MAT 480 - Seminar	3
<b>Departmental Requirements</b>	
QUI 101-102 - General Chemistry I-II	8
FIS 203-204 - General Physics I-II	8
<b>Major Requirements</b>	
MAT 41S - Algebraic Systems I	3
MAT 416 - Algebraic systems II	3
<b>Elective course within the major</b>	
MAT--- (Select two courses from a menu)	6
<b>Free electives</b>	
XXX --- --- Free electives	13
<b>Total Credits</b>	<b>65</b>

ARTICULATION AGREEMENT WITH  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS  
OF THE ASSOCIATE DEGREE IN APPLIED SCIENCE (NURSING) AT BOROUGH OF MANHATTAN  
COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

V. Nursing (B.S.N.)

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (3 credits)	
ESP 106 - Writing and Reading	3
ESP 121 or 122 - Literary Genres 1 or 2	3
ESP --- Various options	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic, FIL --- Various options	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO ---- Various options	
TEO ---- Various options	6
HISTORY (3 crs.)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES (3 crs.)	
HUM 111 - The Human Being/Circumstances	3
MATHEMATICS (3 crs.)	
MAT 210 - Applied Statistics	3
PHYSICAL EDUCATION (3 crs.)	
CFI 105 - Wellness and Quality Life	3
INFORMATICS (3 cr.)	
INF 105 - Introduction to Computers	3
MAJOR SEMINAR (3 crs.)	
ENF 480 - Seminar	3
<b>Departmental Requirements</b>	
QUI 109 - Principles of General Chemistry II	4
SOC 414 - Group Dynamics	3
<b>Major Requirements</b>	
ENF 231 - Pharmacology	2
ENF 332 - Medical Surgery in Nursing II	8
ENF 339 - Mental Health Nursing	7
ENF 434 - Adminis.Theories & Practices in Nursing Services	6
ENF 440 - Adaptability of Man to its Community	5
<b>Total Credits</b>	<b>74</b>

ARTICULATION AGREEMENT WITH  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN SCIENCE (EDU) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**VI. GENERAL EDUCATION (B.Ed)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (3 credits)	
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
PHYSICAL EDUCATION (3 crs.)	
CFI 105 - Wellness/Quality Life	3
HISTORY (3 crs.)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES (3 crs.)	
HUM 111 - The Human Being and his Circumstances	3
SOCIAL SCIENCES (3 crs.)	
CSO 104 - Contemporary Social Analysis	3
INFORMATICS (3 crs.)	
INF 104 - Introd. Computers in Education	3
MAJOR SEMINAR (3 crs.)	
EDU 480 - Seminar	3
<b>Departmental Requirements</b>	
EDU 205 - Psychology of Education	3
EDU 226 - Basic Principles of Instructional Design	4
EDU 301 - Evaluation of Learning	3
EDU 306 - Education of the Exceptional Child	3
PSI 203 - Developmental Psychology 1	3
EFI 301 - Health Education	3
<b>Elective course within the major</b>	
DIRECTED ELECTIVES COURSES IN EDUCATION, chosen from a menu	21
XXX --- Free electives	1
<b>Total Credits</b>	<b>74</b>

ARTICULATION AGREEMENT WITH  
BOROUGH OF MANHATTAN COMMUNITY COLLEGE

COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN SCIENCE (ECP) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**VII. ELEMENTARY EDUCATION - 4th to 6th and minor in K to 3rd grade (B.Ed)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (3 credits)	
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
HISTORY (3 crs.)	
HIS 212 - Development of the Puerto Rican Nation	3
INFORMATICS (3 crs.)	
INF 104 - Introd. Computers in Education	3
MAJOR SEMINAR (3 crs.)	
EDU 480 - Seminar	3
<b>Departamental Requirements</b>	
EDU 201 - Fundamentals of Education	3
EDU 205 - Psychology of Education	3
EDU 226 - Basic Principles of Instructional Design	4
EDU 301 - Evaluation of Learning	3
EFI 301 - Health Education	3
<b>Major Requirements</b>	
EDU 313 - Science in the School Program	3
EDU 314 - Math in the School Program	3
EDU 315 - Language Arts in the School Program	3
EDU 317 - Teaching Social Studies in the School Program	3
EDU 319 - Teaching of Reading	3
EDU 403 - Teaching Practice & Seminar in the Elementary Schools	6
LGEO 102 - Cultural Geography	3
XXX --- Free elective - required only for the Major in 4th to 6th grade	3
<b>Total Credits</b>	<b>67</b>
<b>Minor Requirements - for those who wish to complete a minor in K to 3rd grade (9 crs)</b>	
the free elective and 2 more courses in Early Education (selected from a menu)	
are required.	6
<b>Total Credits for a Minor</b>	<b>73</b>

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VIII. THEATRE (B.A.)

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (6 credits)	
ESP - Various options	3
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
SOCIAL SCIENCES (3 crs.)	
CSO 104 - Contemporary Social Analysis	3
OPTATIVE COURSE (3 crs)	
Select a course from the Social Sciences or Humanities area	3
MAJOR SEMINAR (3 credits)	
HUM 480 - Seminar	3
<b>Departmental Requirements</b>	
ESP 225 or 226 - Oral Communication or Advanced Grammar	3
ESP 215 or 216 - Puerto Rican Literature 1 or 2	3
TEA - Theatre History 2	3
FOREIGN LANGUAGE: (6 Credits) French, Italian or Portuguese	6
<b>Major Requirements</b>	
TEA 225-226 - Diction 1-2	6
TEA 250-251 - Physical Expression 1-2	6
TEA 435-436 -Directing 1-2	6
<b>Electives within the Major</b>	
TEA XXX - Select 3 courses from a suggested menu by the Humanities Department	9
<b>Free Electives</b>	
XXX --- Free elective	2 or 3
<b>Total Credits</b>	<b>71 or 72</b>

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**IX. GENERAL SOCIAL SCIENCE (B.A.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (3 credits)	
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES ( 3 Credits)	
HUM 111 - Human Being/Circuntances	3
INFORMATICS (3 Credits)	
INF 105- Introduction to Computers	3
MATHEMATICS (3 Credits)	
MAT 211 - Applied Statistics II	3
MAJOR SEMINAR (3 credits)	
CSO 480 - Seminar	3
<b>Departamental Requirements</b>	
CSO 204 - Social Research Technics	3
SOC 250 - Economics & Urban Development of Puerto Rico	3
XXX --- Elective course to select from a given menu	3
<b>Electives within the Major</b>	
XXX --- Select 8 courses from a menu in the area of the Social Sciences	24
<b>Free Electives</b>	
XXX --- Free elective course	2
<b>Total Credits</b>	<b>65</b>

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**X. SOCIAL WORK (B.A.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (3 credits)	
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES ( 3 Credits)	
HUM 111 - Human Being/Circuntances	3
INFORMATICS (3 Credits)	
INF 105- Introduction to Computers	3
MATHEMATICS (3 Credits)	
MAT 211 - Applied Statistics II	3
MAJOR SEMINAR (3 credits)	
CSO 480 - Seminar	3
<b>Departmental Requirements</b>	
CSO 204 - Social Research Technics	3
SOC 250 - Economics & Urban Development of Puerto Rico	3
<b>Electives within the Major</b>	
PSI 204 - Developmental Psychology 2	3
TSO 305-306 - Human Behavior and Social Environment 1-2	6
TSO 209 - Social Problems	3
TSO 415 - Community	3
TSO 414 - Grooup Dynamics	3
TSO 403 - Social Work Practicum 2	3
TSO 422 - Social Work Practicum 3	7
TSO 423 - Social Work Method 3	3
<b>Total Credits</b>	<b>67</b>

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COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN APPLIED SCIENCE (MMD) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**XI - VISUAL ARTS (B.A.C.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (9 credits)	
ESP 106 - Writing and Reading	3
ESP - Various options	3
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES ( 3 Credits)	
HUM 111 - Human Being/Circuntances	3
PHYSICAL EDUCATION (3 Credits)	
CFI 105 - Wellness/Quality of Life	3
OPTATIVE COURSE (3 crs)	
Select a course from the Social Sciences or Humanities area	3
MAJOR SEMINAR (3 credits)	
ART 480 - Seminar	3
<b>Departamental Requirements</b>	
CMU 101 - Introd. to Mass Communication	3
CMU 103 - Fund. Of Communication Theory	3
CMU 255 - Legal Aspects	3
CMU 318 - Research Method in Communication	3
<b>Major Requirements</b>	
ART 110 - History of Puerto Rico Art	3
ART 120 - Art Materials and Technics	3
ART 126 - Art Design Fundamentals	3
ART 226 - Color and Design	3
ART 322 - Advanced Drawing	3
ART 330 - Computer Illustration Design	3
ART 424 - Comuter Image Design	3
ART --- Select from a menu	3
<b>Total Credits</b>	<b>72</b>



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COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN APPLIED SCIENCE (VAT) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**XII. DIGITAL PRODUCTION - TELEVISION (B.A.C.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (9 credits)	
ESP 106 - Writing and Reading	3
ESP - Various options	3
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES ( 3 Credits)	
HUM 111 - Human Being/Circuntances	3
NATURAL SCIENCE	
BIO 109 - Biology and Society	3
MAJOR SEMINAR (3 credits)	
TEL 480 - Seminar	3
<b>Departmental Requirements</b>	
CMU 103 - Fund. Of Communication Theory	3
CMU 255 - Legal Aspects	3
CMU 318 - Research Method in Communication	3
FOT 130 - Photography/Communication	3
<b>Major Requirements</b>	
TEL 201 - Television Development	3
TEL or CNE 208 - History of Film	3
TEL 315 - Media Management	3
TEL 439 - Advanced TV Production	6
PRO 337 - Art and Technic in Editing	3
CNE 436 - HD Camera /Light Workshop	4
<b>Total Credits</b>	<b>67</b>

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COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN APPLIED SCIENCE (BEC) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**XIII. Management - Finance (B.B.A.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (9 credits)	
ESP 106 - Writing and Reading	3
ESP - Various options	3
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
SOCIAL SCIENCES (3 creditss.)	
CSO 104 - Contemporary Social Analysis	3
HUMANITIES ( 3 credits)	
HUM 111 - Human Being/Circuntances	3
PHYSICAL EDUCATION (3 credits)	
CFI105 - Wellness/Quality of Life	3
MATHEMATICS (3 credits)	
MCO 250 - Statistical Analysis	3
OPTATIVE COURSE (3 crs)	
Select a course from the Social Sciences or Humanities area	3
MAJOR SEMINAR (3 credits)	
CEM 480 - Seminar	3
<b>Departamental Requirements</b>	
MCO 251 - Managerial Statistics	3
CON 212 - Principles of Accounting Manag. 2	4
ECO 236 - Principles of Macroeconomics	3
<b>Major Requirements</b>	
ADM 255 - Supervision	2
ADM 301 - Human Resource Administration	3
CEM 350 - Organizational Research	3
<b>Electives within the Minor</b>	
For the Finance Minor: select 3 courses from a given menu	9
<b>Free Electives</b>	
XXX--- Free Elective	3
<b>Total Credits</b>	<b>72</b>

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COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN ARTS (BAN) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**XIV. General Business Administration (B.B.A.)**

COURSE DESCRIPTIONS	CREDITS
<b><i>General Requirements</i></b>	
SPANISH: (3 credits)	
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (3 credits)	
FIL --- Various options	3
THEOLOGY: (6 credits)	
TEO --- Various options	6
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
MAJOR SEMINAR (3 credits)	
CEM 480 - Seminar	3
<b><i>Departmental Requirements</i></b>	
MCO 251 - Managerial Statistics	3
CON 212 - Principles of Accounting Manag. 2	4
ECO 236 - Principles of Macroeconomics	3
FIN 305 - Managerial Finance	3
<b><i>Major Requirements</i></b>	
Select 7 courses from a given menu in the area of Business Administration	21
<b><i>Free Electives</i></b>	
XXX--- Free Electives	16
<b>Total Credits</b>	<b>68</b>

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COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN APPLIED SCIENCE (SEB) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**XV. Entrepreneurship (B.B.A.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (9 credits)	
ESP 106 - Writing and Reading	3
ESP - Various options	3
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
SOCIAL SCIENCES (3 credits.)	
CSO 104 - Contemporary Social Analysis	3
HUMANITIES ( 3 credits)	
HUM 111 - Human Being/Circuntances	3
ARTS (3 credits)	
ART 102 - Visual Arts Appreciation	3
MATHEMATICS (3 credits)	
MCO 250 - Statistical Analysis	3
OPTATIVE COURSE (3 crs)	
Select a course from the Social Sciences or Humanities area	3
MAJOR SEMINAR (3 credits)	
CEM 480 - Seminar	3
<b>Departamental Requirements</b>	
MCO 251 - Managerial Statistics	3
CON 212 - Principles of Accounting Manag. 2	4
ECO 236 - Principles of Macroeconomics	3
<b>Major Requirements</b>	
CON 360 - Computer Accounting System	3
EMP 200 - Planning & Development of New Companies	3
EMP 365 - Family Business	3
EMP 370 - Leadership and Organizational Development	3
EMP 415 - Franchise and Adquisition of Business	3
EMP 485 - New Tendenciles in Ennterprise	3
<b>Total Credits</b>	<b>70</b>

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COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN APPLIED SCIENCE (ACC) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**XVI. Accounting (B.B.A.)**

COURSE DESCRIPTIONS	CREDITS
<b><i>General Requirements</i></b>	
SPANISH: (9 credits)	
ESP 106 - Writing and Reading	3
ESP - Various options	3
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES ( 3 credits)	
HUM 111 - Human Being/Circuntances	3
MATHEMATICS (3 credits)	
MCO 250 - Statistical Analysis	3
OPTATIVE COURSE (3 crs)	
Select a course from the Social Sciences or Humanities area	3
MAJOR SEMINAR (3 credits)	
CEM 480 - Seminar	3
<b><i>Departmental Requirements</i></b>	
ADM 102 - Organization Dynamics	4
ECO 236 - Principles of Macroeconomics	3
CON 201 - Accounting Principles 1	4
MCO 251 - Managerial Statistics	3
GME 201 - Principles of Marketing	3
<b><i>Major Requirements</i></b>	
CON 314 - Intermediate Accounting 2	4
CON 405 - Advanced Accounting	4
CON 419 - Auditing	3
<b><i>Free Electives</i></b>	
XXX--- Free Elective	7
<b>Total Credits</b>	<b>71</b>

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COURSES TO BE APPROVED AT UNIVERSIDAD DEL SAGRADO CORAZÓN BY STUDENTS OF THE ASSOCIATE DEGREE IN APPLIED SCIENCE (CIS) AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE TO COMPLETE THE BACHELOR'S DEGREE IN:

**XVII. Computerized Information Systems (B.B.A.)**

COURSE DESCRIPTIONS	CREDITS
<b>General Requirements</b>	
SPANISH: (9 credits)	
ESP 106 - Writing and Reading	3
ESP - Various options	3
ESP 121 or 122 - Literary Genres 1 or 2	3
PHILOSOPHY: (6 credits)	
FIL 101 - Logic	3
FIL --- Various options	3
THEOLOGY: (6 credits) TEO --- Various options	6
HISTORY (3 credits)	
HIS 212 - Development of the Puerto Rican Nation	3
HUMANITIES ( 3 credits)	
HUM 111 - Human Being/Circuntances	3
MATHEMATICS (3 credits)	
MCO 250 - Statistical Analysis	3
ARTS (3 credits)	
ART 102 - Visual Arts Appreciation	3
PHYSICAL EDUCATION (3 credits)	
CFI 105 - Wellnes and Quality Life	3
SOCIAL SCIENCE (3 credits)	
CSO 104 - Contemporary Social Analysis	3
MAJOR SEMINAR (3 credits)	
CEM 480 - Seminar	3
<b>Departamental Requirements</b>	
FIN 305 - Managerial Finance	3
ECO 235-236 - Principles of Microeconomics and Macroeconomics	6
MCO 251 - Managerial Statistics	3
GME 201 - Principles of Marketing	3
<b>Major Requirements</b>	
INF 201 - Data Structures	3
INF 211 - Structured Systems Analysis and Design	3
SIC 301 - Control and Auditing of Management Information Systems	3
SIC 401 - Management Information Systems	3
<b>Free Electives</b>	
XXX--- Free Elective	3
<b>Total Credits</b>	<b>72</b>