

Liberal Arts and Sciences (A.S. Degree)

BIOLOGY OPTION

2009 - 2011 Catalog

Major Code: 139

REMEDIAL SEQUENCE (if Required)

ESL 02 (6)	→	ESL 03 (6)	→	ENG 09 (4)
ENG 01 (4)	→	ENG 02 (4)		
RDL 01 (5)	→	RDL 02 (5)		
MTH 01 (4)	→	MTH 05 (6)	→	MTH 06 (6)
CHM 02 (4)				

GRADUATION REQUIREMENTS

CAT - R	CAT - W	CAT - M
Writing Intensive Course I	Writing Intensive Course II	
2.0 GPA or higher		

FRESHMAN REQUIREMENT

OCD 01

¹ ENG 10 is designed for students who pass the CAT-R and score 6 on the CAT-W.

² HIS 11 is designed for students on the ENG 01/02 and/or RDL 01/02 level.

³ See your advisor to determine the appropriate course from an approved list of Humanities or Social Sciences courses.

⁴ Modern language is a requirement for students planning to transfer to a CUNY four-year college and major in Biology, Chemistry, Earth Science or Physics. See the language requirements at the senior college.

⁵ High School Pre-Calculus or MTH 30 is a prerequisite.

CORE REQUIREMENTS

ENG 10 ¹	Fundamentals of Composition and Rhetoric	OR	
ENG 11	Composition and Rhetoric I		3
ENG 12	Composition and Rhetoric II		3
CMS 11	Fundamentals of Interpersonal Communication		3
HIS 10	History of the Modern World	OR	
HIS 11 ²	Introduction to the Modern World		3
PEA	Physical Education	OR	
HLT 91	Critical Issues in Health		1-2
Subtotal:			13-14

REQUIRED AREAS OF STUDY

ART 11	Introduction to Art	OR	
MUS 11	Introduction to Music	OR	
XXX ³	Humanities	OR Social Science Elective	3
XXX ⁴	Modern Language		0-8
MTH 31 ⁵	Analytic Geometry and Calculus I		4
MTH 32	Analytic Geometry and Calculus II		5
CHM 11	General Chemistry I		4
CHM 22	General Chemistry with Qualitative Analysis II		5
Subtotal:			21-29

SPECIALIZATION REQUIREMENTS

BIO 11	General Biology I		4
BIO 12	General Biology II		4
CHM 31	Organic Chemistry I		5
CHM 32	Organic Chemistry II		5
Subtotal:			18

FREE ELECTIVES

XXX	Free Electives to complete 60 credits		0-9
Subtotal:			0-9

Total credits: 60