Medgar Evers College, CUNY
Advisement Curriculum Worksheet
Revised: Fall 2009

School: **Science, Health & Technology**	Department: **Physical, Environment and Computer Sciences**	CURRICULUM CODE: **20**
Degree: **Bachelor of Science in Environmental Science**	Total # of Credits for Program Completion: **120**	
HEGIS CODE: **0420**	SED CODE: **19378**	

Not Active=NA

Course Number	Course Title	Credits	Semester Taken	Grade	Course Substitute(s)	Pre-Requisite(s)	Co-Requisite(s)
Core Curriculum Requirements							
ART 100 **or** MUS 100	Introduction to the World of Art **or** Introduction to the World of Music	2			LAS 201 (NA)		
HIST 101 **or** HIST 102	World Civilization I **or** World Civilization II	3				Pass CUNY ACT Reading, Writing and Math, and exit from all Developmental Skills courses	
FS 101	Freshman Seminar I	1			CP 100 (NA)		
FS 102	Freshman Seminar II	1			CP 200 (NA)	FS 101	
ENGL 112	College Composition I	3			ENGL 100 (NA) ENGL 101 (NA)	Pass CUNY ACT Reading, Writing and Math, and exit from all Developmental Skills courses	

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ENGL 150	College Composition II	3				ENGL 112	
ENGL 211	Introduction to Literature	3				ENGL 150	
ENGL 212	World Literature: The Evolving Canon	3			ENGL 300 (NA) LAS 304 (NA)	ENGL 150	
HIST 200 **or** HIST 201	Growth and Development of the USA **or** African American History and Culture	3			HIST 230 HIST 231 HIST 242	ENGL 150	
PHIL 101	Introduction to Logic	3				Pass CUNY ACT Reading, Writing and Math, and exit from all Developmental Skills courses	
SPCH 102	Fundamentals of Speech	3					
PSYC 101 **or** SSC 305 **or** SSC 101 **or** SOC 101	Introduction to Psychology **or** Critical Issues in Society **or** Culture, Society and Social Change **or** Introduction to Sociology	3			 LAS 102 (NA) for SSC 101 Only	 ENGL 150, SSC 101 Pass CUNY ACT Reading, Writing and Math, and exit from all Developmental Skills courses	ENGL 112

SSC 307 **or** ECON 333**or** POL 200 **or** Any Foreign Language	World Geography **or** International Economics **or** International Relations **or** SPAN/FREN	3			BUS 301 (NA) POL 216	ENGL 150 ECON 213 ENGL 112 POL 101	
Open Elective		1					
Major Requirements							
BIO 201	General Biology I	4				BIO 101 **or** BIO 111	BIOL 201
CHM 201	General Chemistry I	4				CHM 112	CHML 201 CHMW 201 MTH 151
CHM 202	General Chemistry II	4				CHM 201	CHML 202 CHMW 202 MTH 202
CHM 303	Organic Chemistry I	4				CHM 202	CHML 303 CHMW 303 MTH 203
CHM 304 **or** MTH 222 **or** BIO 202	Organic Chemistry II **or** Probability & Statistics **or** General Biology II	4				CHM 303 **or** MTH 138 **or** BIO 201 **or**	CHML 304 CHMW 304 BIOL 202
CHM 311	Quantitative Analysis	4				CHM 202	CHML 311
MTH 202	Calculus I	4				MTH 151 (with a grade of C or better)	

MTH 203	Calculus II	4				MTH 202 (with a grade of C or better)	
MTH 204	Calculus III	4				MTH 203 (with a grade of C or better)	
CS 151	Introduction to Computing	3				MTH 138	MTH 151
BIO 370	Principles of Environmental Biology	3				BIO 202 or BIO 252 CHM 202 or CHM 106	
PHY 211	University Physics I	4				PHY 114	PHYL 211 PHYW 211 MTH 202
PHY 212	University Physics II	4				PHY 211	PHYL 212 PHYW 212 MTH 203
PHY 213	University Physics III	4				PHY 211	PHYL 213 PHYW 213 MTH 203
Environmental Science Courses: 31							
ENVS 200	Environmental and Health Issues	3				Pass CUNY ACT Reading, Writing and Math, and exit from all Developmental Skills courses	
ENVS 203	Environmental and Occupational Law	3			ENVS 300 (NA)	ENVS 200	
ENVS 301	Air and Water Pollution	3				ENVS 200 CHM 201	
ENVS 302	Measurements and Instrumentation	4				ENVS 301 CHM 311	

ENVS 313	Waste Management	3				ENVS 200 ENVS 302	
ENVS 400	Natural Resource Conservation and Management	3			ENVS 390 (NA)	ENVS 200 ENVS 203	
ENVS 401	Groundwater	3				MTH 204	
ENVS 404	Internship Capstone Course	3				ENVS 313 CHM 303 CHM 311 HAZWOPER Certification Departmental Approval	
ENVS 413	Field Study	3				ENVS 302 ENVS 400	
ENVS 405	Pollution Control and Prevention	3				ENVS 301 ENVS 303	