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

School: **Business**	Department: **Computer Information Systems**	CURRICULUM CODE: **16**
Degree: **Bachelor of Science in Computer Information Systems**	Total # of Credits for Program Completion: **120**	
HEGIS CODE: **0702**	SED CODE: **24205**	

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	Introduction to the World of Art	2			LAS 201 (NA)		
BIO 101	Introduction to the Science of Biology	3			BIO 103 (NA) BIO 111 LAS 103 (NA)	Pass CUNY ACT Reading, Writing and Math, and exit from all Developmental Skills courses	
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	
ENGL 150	College Composition II	3				ENGL 112	
ENGL 211	Introduction to Literature	3				ENGL 150	

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ENGL 212	World Literature: The Evolving Canon	3			ENGL 300 (NA) LAS 304 (NA)	ENGL 150	
FS 101	Freshman Seminar I	1			CP 100 (NA)		
FS 102	Freshman Seminar II	1			CP 200 (NA)	FS 101	
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	
MTH 141	Finite Mathematics	4				MTH 136 **or** MTH 138	
MUS 100	Introduction to the World of Music	2			LAS 201 (NA)		
SPCH 102	Fundamentals of Speech	3					
PSYC 101 **or** SSC 101 **or** SOC 101 **or** ANTH 201	Introduction to Psychology **or** Culture, Society & Social Change **or** Introduction to Sociology **or** The Nature of Culture	3			LAS 102 (NA)	Pass CUNY ACT Reading, Writing and Math, and exit from all Developmental Skills courses	ENGL 112
MTH 241	Calculus for Business & Social Science	4			MTH 151 MTH 202 or higher	MTH 141	

PHS 221	Introduction to Telecommunications	3				CIS 211 **or** CIS 223	
ECON 333	International Economics	3				ECON 213	
CIS 340 **or** CIS 325	Visual Basic **or** Visual C++	3				CIS 223 CIS 232 CIS 332 CIS 252	
ECON 212	Macroeconomics	3			ECON 200 (NA)	ENGL 150 MTH 136	
Major Requirements							
CIS 223	Foundations of Computer Information Systems	4				MTH 141	
CIS 232	Introduction to Programming	3				CIS 223	
ECON 213	Principles of Microeconomics	3			ECON 201 (NA)	ECON 212 MTH 141	
Business Core Requirements							
MAN 200	Introduction to Business and Management	3			MAN 211 (NA) MAN 205 (NA)	MTH 136 ENGL 112	
LAW 208	Legal Environment of Business	3			LAW 210 (NA)	ENGL 150 MAN 211	
ACCT 217	Principles of Accounting I	3			ACCT 271 (NA)	MTH 136	
FIN 250	Introduction to Business Finance	3			FIN 150 (NA)	ACCT 217 ECON 212	
MAN 314	Organizational Behavior	3				MAN 211	

MAN 351	Operations Management	3				ECON 316	
ECON 316	Business & Economic Statistics I	3			BUS 274 (NA)	MTH 141 ECON 213	
BUS 451	Business Policy	3			BUS 431 (NA)		
Computer Information Systems							
CIS 252	Machine Organization & Assembly	3				CIS 223	
CIS 300	Data Structures for Business Applications	3				CIS 232 **or** CIS 252	
CIS 301	Operating Systems	3				CIS 232 **or** CIS 252	
CIS 311	Systems Development & Implementation	3				CIS 232 **or** CIS 252	
CIS 403	Computer Networks	3				CIS 311 Senior Status	
CIS 420	Database Concepts	3				CIS 300	
CIS 444	Applied Systems Development Project	3				CIS 300 CIS 301 Senior Status	
Concentration A1 (Systems Analysis & Design) or A2 (Network Systems Management): 15 Credits							
CIS 320	Fundamentals of Commerce	3				CIS 232 **or** CIS 252	
CIS 401	CIS Internship	3				CIS 301 CIS 311 Junior/Senior Status Permission of Chairperson	

CIS 411	Advanced Systems Development & Implementation	3				CIS 311	
CIS	300 or 400 Level Elective	3					
CIS	300 or 400 Level Elective	3					
A2 Network Systems Management							
CIS 323	Network Operating Systems	3				CIS 232	
CIS 413	Internet & Emerging Technologies	3				CIS 223 PHS 221	
CIS 331 **or** CIS 410 **or** CIS 421	Information Security **or** Computer Graphics **or** Distributed & Client/Server Computing	3				CIS 301 CIS 311 Junior/Senior Status Permission of Chairperson	
CIS 401	CIS Internship	3				CIS 301 CIS 311 Junior/Senior Status Permission of Chairperson	