PROGRAM: AAS COMPUTER INFORMATION SYSTEMS
Division: Business, Behavioral/Social Sciences, Public & Human Services
CLA-201 (914) 606-6795

65 Credits

Curriculum Chair
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Reviewed By:_____

Date:_____

Approved By Chairperson/Dean:

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Course #	FALL SEMESTER	Credits	✓
ENG 101	*Composition & Literature 1*	*3*	
CIS 110	Computer Information Systems[1]	3	
CIS 120	Object Orient Programming Logic[1]	3	
	Behavioral, Social Science or Humanities[2]_____	*3*	
MATH 130/135	*College Alg. W Trig or College Alg. Functions & Models*	*3-4*	
MATH 140	*Statistics (recommended if transferring) or take any math*		
	PE (fitness)-_____	*1*	

Course #	SPRING SEMESTER	Credits	✓
ENG 102	*Composition & Literature 2*	*3*	
CIS 225	Database Management Systems	3	
CIS 220	Visual Basic for Business	3	
	Science (lab recommended)-_____	*3-4*	
	Behavioral, Social Science or Humanities[2]-_____	*3*	
	PE (sport)-_____	*1*	

Course #	FALL SEMESTER	Credits	✓
	Mathematics or Science-	*3-4*	
OFTEC 240	Business Communications	3	
ACC 119	Financial Accounting	4	
CIS 135	PC Operating Systems	3	
CIS 140	Networking for Business	3	

Course #	SPRING SEMESTER	Credits	✓
CIS 155	Principles of Security/Forensics	3	
CIS 260	Systems Analysis/Design	3	
ACC 120	Managerial Accounting	4	
	Liberal Arts-_____	*3*	
MGT 101	Business Organization & Management	3	

Bold italic items are Core Requirements.

NOTES:

Name	**Prerequisite**
CIS 135 PC Operating Systems	CIS 110-Computer Information Systems
CIS140 Networking for Business	CIS 110- Computer Information Systems
CIS 220 Visual Basic for Business	CIS 120- Object Orient Programming Logic
CIS 260 Systems Analysis/Design	CIS 225- Database Management Systems

Students who select Computer Information Systems as their major are strongly advised to choose the highest level of math so that they will be adequately prepared for the field and for transferring to continue their education. Finite Math, Algebra with Trigonometry, Pre -Calculus and Statistics are all desirable courses for a CIS major. Schedule CIS courses first. Schedule CORE courses around CIS courses.

- *Social Science* courses include History (HIS), Political Science (POLSC), Economics (ECON) and Geography (GEOG).
- *Behavioral Science* courses include Sociology (SOC), Psychology (PSYCH), Anthropology (ANTHR) and Geography (GEOG).General Psychology is the prerequisite for all upper level psychology courses.
- *Choose ONLY those courses whose descriptions are labeled as "humanities credits" from:* ART, DANCE, ENG, MUSIC, FILM, THEAT, ARABC, CHINS, FREN, GER, ITAL, JAPNS, RUSSN, SPAN, PHIL.

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[1] Computer Information Systems and [1]Object Oriented Programming Logic are co-requisites or Computer Information System should be taken first.
[2] Behavioral, Social Science or Humanities Elective - Choose a 3 credit courses from 2 areas for a total of 6 credits.

Updated 8/2013 RR

WCC SCIENCE COURSES

Science Courses with Lab

BIOL 101 – Biological Science (Lab) 4 credits
BIOL 103 –Human Biology (Lab) 4 credits
BIOL 115 – General Biology I (Lab) 4 credits
BIOL 117 – General Biology II (Lab) 4 credits
BIOL 121 – A & P I (Lab) 4 credits
BIOL 123 – A & P II (Lab) 4 credits
BIOL 128 – Basics Biotech 3 credits
BIOL 129 – Basics of Biotech Lab 0 credits
BIOL 203 – Basic Micro bio (Lab) 3 credits
BIOL 221 – General Micro bio (Lab) 4 credits
CHEM 107 – Inorganic Chem I (Lab) 4 credits
CHEM 111 – Inorganic Chem II (Lab) 4 credits
CHEM 113 – Prin. of Inorganic Chem (Lab) 4 credits
CHEM 117 – Prin. of Organic Chem (Lab) 4 credits
CHEM 127 – Intro to Forensic Science (Lab) 4 credits
CHEM 145 – Biochem of Addiction (Lab) 3 credits
CHEM 201 – Organic Chem I (Lab) 5 credits
CHEM 205 – Organic Chem II (Lab) 5 credits
PHYSC 101 – Tech Physics I (Lab) 3 credits
PHYSC 102 – Tech Physics II (Lab) 3 credits
PHYSC 111 – College Physics I (Lab) 4 credits
PHYSC 112 – College Physics II (Lab) 4 credits
PHYSC 121 – Engineering Physics I (Lab) 5 credits
PHYSC 122 – Engineering Physics II (Lab) 5 credits
PHYSC 129 – Intro to Oceanography (Lab) 4 credits
PHYSC 131 – Physics for Telecomm/Verizon 4 credits
PHYSC 143 – Earth Science (Lab) 4 credits
PHYSC 145 – Weather & Forecasting (Lab) 4 credits
PHYSC 151 – Astronomy (Lab) 4 credits
PHYSC 292 – Physical Geography (Lab) 4 credits

Science Courses with/without Lab

BIOL 143 – Environmental Science 3 credits
BIOL 144 – Environmental Science Lab 1 credit
BIOL 236 – Human Genetics 3 credits
BIOL 237 – Human Genetics Lab 1 credit

Science Courses without Lab

BIOL 155 – Environmental Studies 3 credits
BIOL 159 – Problems in Pollution 3 credits
BIOL 161 – Bio of Human Sexuality 3 credits
CHEM 131 – Intro to Forensic Science 3 credits
PHYSC 120 – Physical Science Exploration 3 credits
PHYSC 134 – Science, Pseudoscience & Critical Thinking
PHYSC 159 – The Solar System
PHYSC 162 – Climate Change and our Future
PHYSC 165 – Principles of Energy

Science Courses for Specific Areas/ Curriculums

BIOL 109C – Basic A & P (and Lab) PN 4 credits
BIOL 127 – Cross Sectional Anatomy 3 credits
BIOL 201 – Pharmacology (Respiratory Care) 3 credits
BIOL 202 – Pharmacology (For Nurses) 3 credits
BIOL 229 – Cardiopulmonary Pathology (Respiratory Care) 2 credits   **BIOL 241** – Radiation Biology 3 credits

Honors Science Courses

BIOL 147H – Psych bio (and Lab) Honors 4 credits
PHYSC 154H – Life in the Universe Honors 4 credits
PHYSC 205H – Cambridge Science – Honor