



MODULAR DEGREE PLAN: SOFTWARE DESIGN

Specialization (Computing) - BCMPH

NEW PLAN		
Software Design – Specialization (Computing) – BCMPH		
SODE-P		
Code	Title	Units
<i>1. Core</i>		
A. Complete the following:		
CISC 102	Discrete Structures I	3.00
CISC 121	Introduction to Computing Science I	3.00
CISC 124	Introduction to Computing Science II	3.00
B. Complete 3.00 units from the following:		3.00
MATH 110	Linear Algebra	
MATH 112	Introduction to Linear Algebra	
C. Complete 3.00 units from the following:		3.00
CISC 171	Computational Probability and Statistics	
STAT 263	Introduction to Statistics	
STAT 268	Statistics and Probability I	
STAT_Options		
D. Complete the following:		
CISC 203	Discrete Structures II	3.00
CISC 204	Logic for Computing Science	3.00
CISC 220	System-Level Programming	3.00
CISC 221	Computer Architecture	3.00
CISC 223	Software Specifications	3.00
CISC 235	Data Structures	3.00
E. Complete the following:		
CISC 324	Operating Systems	3.00
CISC 360	Programming Paradigms	3.00
CISC 365	Algorithms I	3.00



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F. Complete the following:		
CISC 325	Human-Computer Interaction	3.00
CISC 327	Software Quality Assurance	3.00
CISC 422	Formal Methods in Software Engineering	3.00
CISC 423	Software Requirements	3.00
CISC 497	Social, Ethical and Legal Issues in Computing	3.00
G. Complete the following:		
CISC 498	Information Technology Project	6.00
<i>2. Option</i>		
A. Complete 3.00 units from the following:		3.00
CISC 322	Software Architecture	
CISC 326	Game Architecture	
B. Complete 3.00 units from the following course list:		3.00
SOFT_Design at the 400-level or above		
C. Complete 6.00 units from the following course list:		6.00
SOFT_Design		
Total Units		75.00

New numbers of units required:

Added in Modular Plan:

Modified in Modular Plan: