

Roosevelt University

Evelyn T. Stone College of Professional Studies - Bachelor of Professional Studies

DEGREE COMPLETION PROGRAM FOR ADULTS

Major in COMPUTER SCIENCE For students who have earned AA or AS degrees

Student _____ Advisor _____

Phone _____ ID# _____ Date _____ Unofficial Official

AA AS College _____ Date awarded _____

Core Courses (18 semester hours):

BGS 302 _____
Methods of Critical Reasoning

CST 270 _____
Systems Analysis & Design

CST 327 or 340 _____
Project Management **OR** Comp. Architecture

CST 317 or 370 _____
Operating Systems **OR** Software Engineering

CST 343 or 373 _____
O.O.P. with C++ **OR** Visual BASIC II

MATH 245 _____
Discrete Structures

Computing Electives (12 semester Hours): Choose any one 200-level (or above) and three 300-level CST courses.

CST 2- _____

CST 3- _____

CST 3- _____

CST 3- _____

Senior Seminars (6 semester hours) Choose **one** (selected in consultation with an advisor):

BGS 390 Seminar in the Social Sciences

BGS 391 Seminar in the Natural Sciences _____

BGS 392 Seminar in the Humanities _____

Senior Thesis

BGS 399 Senior Thesis _____

SUGGESTED INTRODUCTORY WORK (for students with no previous computer coursework):

BGS 290 Technological and Quantitative Literacy _____

Prerequisite courses. Indicate grades received (C or higher required in all English and Computer courses):

ENG 101 _____

ENG 102 _____

MATH 121 _____

CST 150 _____
Computer Science I - Introduction to C++

CST 250 or 263 _____
Computer Science II **OR** Visual Basic Prog. I

College Algebra
CST 280 or 246 _____
Computer Science III **OR** Data Structures

CST 260 _____
Micro Comp. Structure & Assembler

CST 2- _____

Additional Math and English required (if any), based on performance in RU Assessment:

Math _____

English _____

I fully understand that the courses listed on this checksheet are the requirements for this major. Any change of major may require different and/or additional courses. DATE _____

STUDENT'S SIGNATURE _____ ADVISOR'S SIGNATURE _____

9/11/07