

PEPPERDINE UNIVERSITY

Approved Contract Major Outline for **Computer Science for Business**

Computer Science Course Requirements (7 courses):

MATH220 (3) - Formal Methods

COSC101 (3) - Programming Principles I with JavaScript

or

COSC105 (3) – Programming Principles I with R

MATH221 (3) – Discrete Structures

COSC121 – Programming Principles II

COSC320 (4) – Data Structures

COSC330 (3) – Computer Systems

COSC450 (4) – Programming Paradigms

Contract Major Elective (choose one)

MATH365 (3) – Automata Theory

COSC425 (3) – Computer Organization

COSC465 (3) – Operating Systems

Business Requirements

MATH141 (3) – Probability and Linear Algebra

BA216 (3) – Statistical Analysis for Business Decisions

BA210 (3) – Intro to Microeconomics

AC224 (4) – Financial Accounting

AC225 (3) – Managerial Accounting

BA366 (3) – Organizational Behavior

BA355 (3) – Principles of Marketing

BA321 (4) – Financial Management

BA358 (3) – Legal Environment of Business

BA498 (4) – Service Leadership