



BAKER UNIVERSITY MAJOR CHECKLIST

COMPUTER SCIENCE B.S. Degree ONLY

MAJOR REQUIREMENTS

REQUIRED COURSES:

CS175 Intro to Computer Science
CS180 C++
CS185 Data Structures and Algorithms
CS223 Computer Architecture and Organization
CS226 Operating Systems
CS335 Computer Networks
CS341 Programming Languages
CS371 Database Design
CS392 Software Engineering
CS491 Senior Capstone Project

COURSES COMPLETED OR IN PROGRESS

UC _____
UC _____
UC _____
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UC _____

COMPLETE ONE OF THE FOLLOWING TRACKS:

TRACK 1: TRADITIONAL COMPUTER SCIENCE

Two elective computer science courses numbered 200 or above

Supporting Coursework

MA171 Calculus I
MA172 Calculus II
MA291 Introduction to Higher Mathematics

One of the following:

CH120 Basic Chemistry
CH137 & 137L General Chemistry & Lab
PC125 Introductory Physics
PC225 General Physics I
An additional mathematics course above MA146 Trigonometry

TRACK 2: COMPUTER INFORMATION SYSTEMS

AC141 Introduction to Financial Accounting
BS141 Introduction to Business
BS230 Quantitative Analysis for Business and Economics I
BS330 Quantitative Analysis for Business and Economics II
BS331 Business Information Systems
BS353 Fundamentals of Management
EC242 Principles of Economics: Micro

UC _____
UC _____
UC _____

STUDENT NAME: _____

STUDENT ID: _____

DATE: _____

Catalog year: 2024