BAKER UNIVERSITY MAJOR CHECKLIST

<u>COMPUTER SCIENCE</u>
B.S. Degree ONLY

MAJOR REQUIREMENTS

COURSES COMPLETED OR IN PROGRESS

REQUIRED COURSES:

CS175 Intro to Computer Science: C++ (4 hrs) _____

CS185 Data Structures and Algorithms (4 hrs) _____

CS223 Computer Architecture and Organization (3 hrs) _____

CS226 Operating Systems (4 hrs) _____

CS335 Computer Networks (3 hrs) UC_____

CS341 Programming Languages (4 hrs) UC_____

CS371 Database Design (4 hrs) UC_____

CS392 Software Engineering (4 hrs) UC_____

CS491 Senior Capstone Project (3 hrs) UC_____

COMPLETE ONE OF THE FOLLOWING TRACKS:

TRACK 1: TRADITIONAL COMPUTER SCIENCE

Two elective computer science courses numbered 200 or above _____

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Supporting Coursework

MA171 Calculus I (4 hrs) _____

MA172 Calculus II (4 hrs) _____

MA291 Introduction to Higher Mathematics (3 hrs) _____

One additional semester hour of mathematics numbered MA145 or above _____

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 UC_____

BS331 Business Information Systems UC_____

BS353 Fundamentals of Management UC_____

EC242 Principles of Economics: Micro _____

STUDENT NAME: _____

STUDENT NUMBER: _____

DATE: _____

Catalog year: 2014