

BAKER UNIVERSITY MAJOR CHECKLIST

INTERNET SCIENCE AND TECHNOLOGY
B.S.

MAJOR REQUIREMENTS

(38 hours of Computer Science, 17 must be upper-college hours)

COURSES COMPLETED OR IN PROGRESS

REQUIRED COURSES: (32 Hrs.)

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

CS185 Data Structures (4 hrs)

CS225 Operating Systems (3 hrs)

CS231 Internet Systems and Technologies (4 hrs)

CS335 Computer Networks (3 hrs)

CS338 Internet Programming: Java (4 hrs)

CS371 Database Design (4 hrs)

CS478 Business Online (3 hrs)

CS491 Senior Capstone Project (3 hrs)

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TWO COMPUTER SCIENCE CRS. CHOSEN FROM THE FOLLOWING: (6-8 Hrs.)

CS183 Logic Design and Computer Organization (4hrs)

CS221 Computer Systems and Assembly Language (4 hrs)

CS275 Information Systems Analysis and Design (4 hrs)

CS341 Programming Languages (C++, Prolog, Cobol) (4 hrs)

CS391 Software Engineering: UML (3 hrs)

CS481 Research Project or Professional Practice/Practicum (3 hrs)

CS495 Special Topics (3 hrs)

SUPPORTING COURSES: (14 Hrs.)

MA 171 Calculus I (4 hrs)

MA 172 Calculus II (4 hrs)

MA 291 Introduction to Higher Mathematics (3 hrs)

Additional MA course at 200 level or higher (3 hrs)

STUDENT NAME _____

STUDENT NUMBER _____

DATE _____