PARK UNIVERSITY
COLLEGE OF LIBERAL ARTS AND SCIENCES

This degree requires a minimum of 120 credit hours to graduate (at least 36 credit hours must be upper-division, 300 or 400-level) and a cumulative GPA of 2.0. A minimum of 30 credit hours must be earned at Park.

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION SYSTEMS
Chair, John Dean, Ph.D. (john.dean@park.edu) Catalog AY 17-18

MAJOR MAP

BACHELOR OF SCIENCE IN INFORMATION SYSTEMS

Purpose Statement: This degree prepares students for careers in programming, product analysis, and management of computer information systems; the degree allows students the freedom and flexibility to select a minor (such as business, GIS, graphic design, leadership, or statistics) to complement their studies in information systems.

	Credit Hours
University Graduation Requirements – BS	
LE 100 First-Year Seminar *(first-time freshman only; waived for transfer students)*	3
EN 306 Professional Writing in the Disciplines, or departmental equivalent *(prerequisites: EN105, EN106)*	3
University Liberal Education Requirements	
EN 105 First-Year Writing Seminar I	3
EN 106 First-Year Writing Seminar II *(Prerequisites: EN 105 or equivalent)*	3
CS 140 Introduction to Computers, or higher CS course, or departmental equivalent (will be satisfied in core)	*
MA 120 Basic Concepts of Statistics, MA 135 College Algebra, or higher MA course (will be satisfied in core)	*
Communication requirement (CA 103 Oral Communication, CA 105 Introduction to Human Communication, or TH 105 Oral Communication)	3
Citizenship requirement	3
Ethics requirement	3
Science course that has a lab	4
LE Natural and Physical Science Elective *(except computer science)*	3
LE Social Science Elective	3
LE Social Science Elective	3
LE Arts & Humanities Elective	3
Art or English course that is designated as an LE Arts & Humanities Elective	3
LE 300 Seminar in Integrative and Interdisciplinary Learning	3
Requirements for the Major	33
CS 151 Introduction to Programming or CS 152 Introduction to Python Programming	3
CS 208 Discrete Mathematics	3
CS 240 Web Programming I	3
CS 300 Technology in a Global Society	3
CS 365 Computer Networking	3
IS 205 Managing Information Systems	3
IS 315 Computer Systems Analysis and Design I	3
IS 316 Computer Systems Analysis and Design II	3
IS 361 Data Management Concepts	3
IS 370 Information Security	3
MA 120 Basic Concepts of Statistics	3
Required Minor – Students must select a complementary minor of their choice (students may select any minor, except the Information and Computer Science minor). Suggested minors include: Business Administration/Management, Business Administration/Health Care, Geographic Information Systems (GIS), Graphic Design, Leadership, Organizational	**18-21**

This guide is not a substitute for academic advisement.

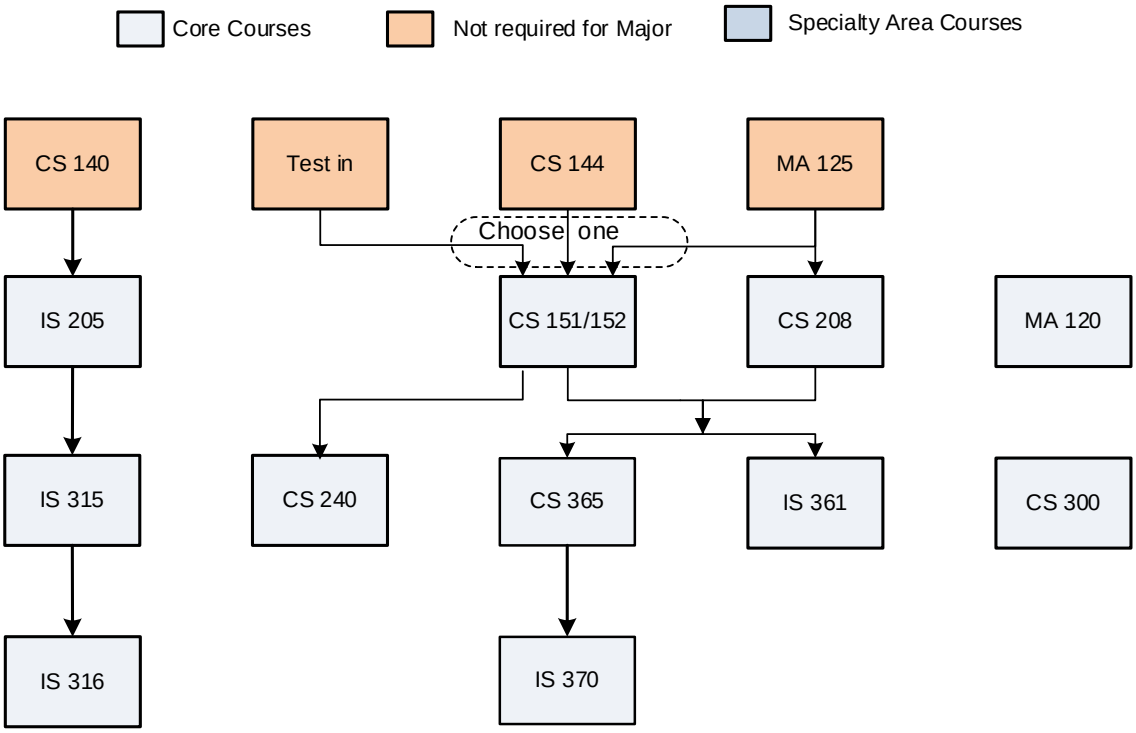
Communication, Statistics	
TOTALS	**120**

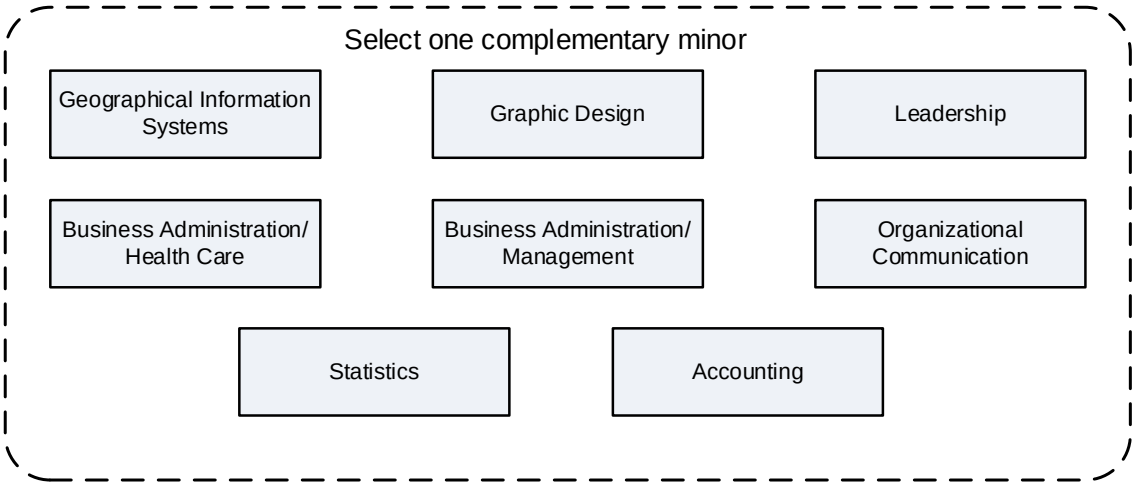
Recommended Schedule

First Year – Fall	First Year – Spring
CS151 or CS152 MA120 MA125* LE100 EN105 * Take Park's math placement test ASAP to know whether you should start with MA125 or MA135.	CS208 IS205 EN106 Pick 1 LE course. Pick 1 minor course.
Second Year – Fall	**Second Year – Spring**
CS240 CS300 Pick 2 LE courses. Pick 1 minor course.	IS205 EN306 Pick 1 LE course. Pick 2 minor courses.
Third Year – Fall	**Third Year – Spring**
CS365 IS315 IS361 Pick 1 LE course. Pick 1 minor course.	IS316 IS370 Pick 1 or 2 minor courses. Pick 1 course from the Communication, Citizenship, and Ethics category. Pick 1 course outside of the major.
Fourth Year – Fall	**Fourth Year – Spring**
LE300 Pick 1 science course that has a lab. Pick 2 courses from the Communication, Citizenship, and Ethics categories. Pick 1 course outside of the major.	IS370 Pick 3 or 4 courses outside of the major.

Prerequisite Tree

B.S. in Information Systems





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