

Computer Science - Management Information Systems Emphasis

Associate in Science

Minimum of 62 Credits

This suggested curriculum includes Oklahoma City Community College degree requirements and courses generally completed during the first two years of a four-year curriculum.

| Course # | Course Name | Credits | Type | Prerequisites |
|---|---|---------|-------------|---|
| Suggested Freshman 1st Semester | | | | |
| SCL 1001 | SUCCESS IN COLLEGE AND LIFE | 1 | Life Skills | None |
| CS 1103 | (1)(3)(C) INTRODUCTION TO COMPUTERS AND APPLICATIONS --OR-- | | Major | (R) |
| CS 2113 | (2)(4)(C) COMPUTER-BASED INFORMATION SYSTEMS | 3 | Major | (R) (W) (M) |
| ENGL 1113 | ENGLISH COMPOSITION I | 3 | Gen Ed | (R) (W), Adequate reading and writing assessment scores or LS 0033 College Writing II, either taken within the last year, with strong encouragement for immediate continuation. |
| HIST 1483 | U.S. HISTORY TO THE CIVIL WAR --OR-- | | Gen Ed | (R) (W) |
| HIST 1493 | U.S. HISTORY SINCE THE CIVIL WAR | 3 | Gen Ed | (R) (W) |
| MATH 1513 | COLLEGE ALGEBRA | 3 | Gen Ed | (R), MATH 0123 or adequate Math Placement Test Score, either within the last year. |
| PHYS SC | ** ANY PHYSICAL SCIENCE CHOSEN FROM ASTR, PHYS, CHEM, OR GEOL PREFIXES | 3-4 | Gen Ed | |
| Suggested Freshman 2nd Semester | | | | |
| CS 1143 | (C) BEGINNING PROGRAMMING | 3 | Major | (R) (W) (M) or Evaluation by Instructor |
| POLSC 1113 | AMERICAN FEDERAL GOVERNMENT | 3 | Gen Ed | (R) (W) |
| ENGL 1213 | ENGLISH COMPOSITION II | 3 | Gen Ed | (R) (W), ENGL 1113 English Composition I taken within the last year, with strong encouragement for immediate continuation. |
| MATH 1743 | CALCULUS I FOR BUSINESS, LIFE SCIENCES, AND SOCIAL SCIENCES | 3 | Gen Ed | (R), MATH 1513 or adequate Math Placement Test Score |
| HUM | * HUMANITIES ELECTIVE | 3 | Gen Ed | |
| Suggested Sophomore 1st Semester | | | | |
| CS 2163 | (2)(4)(C) JAVA --OR-- | | Major | (R) (W) (M), CS 1143 or Evaluation by Instructor |
| CS 2453 | (2)(3)(C) VISUAL BASIC | 3 | Major | (R) (W) (M), CS 1143 or Evaluation by Instructor |
| ACCT 2113 | ACCOUNTING I/FINANCIAL | 3 | Support | (R) (W) (M) |
| MATH 2123 | (2) CALCULUS II FOR BUSINESS, LIFE SCIENCES AND SOCIAL SCIENCES --OR-- | | Support | (R), MATH 1743 |
| BUS 2023 | (3)(4) BUSINESS STATISTICS | 3 | Support | (R), MATH 0123 or equivalent or adequate Math Placement Test Score |
| PSY 1113 | INTRODUCTION TO PSYCHOLOGY --OR-- | | Gen Ed | (R) |
| SOC 1113 | INTRODUCTION TO SOCIOLOGY | 3 | Gen Ed | (R) |
| ECON 2113 | PRINCIPLES OF MACROECONOMICS | 3 | Support | (R) (W) (M) |
| Suggested Sophomore 2nd Semester | | | | |
| ACCT 2123 | ACCOUNTING II/MANAGERIAL | 3 | Support | ACCT 2113 |
| ECON 2123 | PRINCIPLES OF MICROECONOMICS | 3 | Support | (R) (W) (M) |
| BUS 2033 | BUSINESS COMMUNICATION --OR-- | | Gen Ed | (R) (W), ENGL 1113 or by Evaluation** |
| HUM | * HUMANITIES ELECTIVE | 3 | Gen Ed | |
| COM 2213 | INTRO TO PUBLIC SPEAKING | 3 | Gen Ed | (R) |
| BIO SC | ** ANY OF THE FOLLOWING BIOLOGICAL SCIENCE COURSES: BIO 1113, BIO 1114, BIO 2114, BIO 2125, BIO 2215, BIO 2343, OR BIO 2404 | 3-4 | Gen Ed | |

Major Courses: (9 credit hours) Computer Science: (C)(1)(3)CS 1103 or (C)(2)(4)CS 2113; (C)CS 1143; (C)(2)(4)CS 2163 or (C)(2)(3)CS 2453

General Education Courses: (37 credit hours) English: ENGL 1113; ENGL 1213; History: HIST 1483 or HIST 1493; Mathematics: MATH 1513; MATH 1743; Political Science: POLSC 1113; Social Sciences: PSY 1113 or SOC 1113; Communications: BUS 2033 or COM 2213; *Humanities: Six credit hours; *(2) Faculty approved Humanities electives.; **Sciences: Seven credit hours-three to four credit hours of Biological Science chosen from BIO 1113, BIO 1114, BIO 2114, BIO 2125; BIO 2215, BIO 2343, or BIO 2404; and three to four credit hours of any Physical Science chosen from ASTR; PHYS; CHEM; or GEOL. prefixes one of the science courses must include a lab component.

Life Skills Courses: (1 credit hour) Life Skills: SCL 1001

Support Courses: (15 credit hours) Accounting: ACCT 2113; ACCT 2123; Economics: ECON 2113; ECON 2123; Mathematics: (2) MATH 2123 or (3)(4) BUS 2023

Notes: This program is designed for students planning to continue their education at a four-year college or university.

(C) A grade of "C" or higher must be achieved.

* Humanities electives must be faculty approved for students transferring to OU.

** At least one science course must include a laboratory component.

(1) Advanced Standing is available

(2)(OU) University of Oklahoma

(3)(UCO) University of Central Oklahoma

(4)(OSU) Oklahoma State University