



BACHELOR OF ARTS: COMPUTER AND INFORMATION SCIENCES

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES (COINS)

Liberal Arts Core Requirements (46 hrs): *Courses that must be taken in the first four major terms (Fall/Spring)

- | | |
|---|---|
| ___ (3) English 111 * | ___ (3) History 111, 112 or 113 |
| ___ (3) English 112 * | ___ (3) Another History or Political Science 201 |
| ___ (3) English 202, 203, or 204 | ___ (3) Econ 211 Microeconomics |
| ___ (3) Communication 110 | ___ (4) Math 130 Pre-calculus * |
| ___ (3) Wrld, Fren, Chin, Span 213; or any Foreign Language at 200 level; or Music 241 (for music majors) | ___ (3) Fine Arts: (any one of Art 201, 202, Music 171 or Music 371) |
| ___ (4) COIN 235 Intro to Cmp Science * | ___ (4) ___ (4) Lab Sciences (Two courses) |
| ___ (3) Religion 111 or 112 | Limit one lab science course per category of Biology, Chemistry, Geology, or Physics. |

Major Requirements (43 hrs):

- | | |
|---|--|
| ___ (3) MATH 209 Calculus for Business | ___ (1) COIN 497 Senior Project Design |
| ___ (3) MATH 213 Prblty and Statistics | ___ (1) COIN 498 Senior Project Construction |
| ___ (4) COIN 315 Data Structures | ___ (1) COIN 499 Sr Proj Implement/Defense |
| ___ (4) COIN 325 Java w/Elem Data Strc | ___ (3) ECON 212 Macroeconomics |
| ___ (4) COIN 332 Applied Networking | ___ (3) BUSI 211 Principles of Accounting I |
| ___ (4) COIN 333 Applied Systems | ___ (3) BUSI 212 Principles of Accounting II |
| ___ (3) COIN 495 System Analysis/Design | ___ (3) BUSI 313 Principles of Marketing |
| ___ (0) COIN 496 Portfolio Review | ___ (3) BUSI 317 Principles of Management |

Major Electives (23 hrs):

Any COINS, BUSI, or MATH courses at the 300 level or above (except BUSI 314)

___				___			
___				___			
___				___			

Suggested Tracks:

1. Networking (12 hrs): COIN 432 Mobile Networking, 433 Network Security, and 435 Adv. Networking
2. Systems (12 hrs): COIN 431 Adv. Op. Sys, COIN 419 Database Sys, COIN 409 Artificial Intelligence
3. IT Management (9 hrs): BUSI 305 Finance, 336 Legal Environment, 318 Production and Op Mgmt
4. Human Cmptr Interface (10 hrs): BUSI 336 Legal Envrmt, BUSI 404 Consumers, COIN 334 User Intrfc

General Electives (13 hrs):

Any 13 hrs can be taken; however, the following are suggested or may be required as prerequisites.

- | |
|--|
| ___ (3) MATH 111 College Algebra (Prerequisite for Math 130 and MATH 209) |
| ___ (4) COIN 217 Visual BASIC Programming (Alternative if lacking programming experience.) |
| ___ (3) COIN 215 Intro. to Info. Technology (Alternative if lacking programming experience.) |

Notes:

1. This major does not require a minor.
2. Prior to entry into the senior project series, student must submit a portfolio for review. See COIN 496 in catalog and Blackboard.
3. Students must begin cognate requirements in the freshman year else they cannot complete in four years (due to scheduling and prerequisites). If a student needs prerequisites before beginning the cognate requirements, then summer courses may be required to move into the proper scheduling cycle for completion in four years.
4. Graduates must meet residency requirements. The current catalog residency requirements are: 36 of the last 46 hours must be earned while attending CSU. Of these, at least 12 must be 300-400 level courses.
5. Degree checks by Registrar: Should do at 61and 91 earned credit hours. Mandatory in the next-to-last semester.
6. Full-time day students must meet convocation requirements. See the Student Development section of the catalog.
7. In cases of conflict between this checklist and the catalog, the catalog takes precedence.