



**BACHELOR OF SCIENCE DEGREE CHECK SHEET
MAJOR IN INFORMATION TECHNOLOGY
2011-2012**

Last	First	Middle or Maiden	ID#	Date
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I. GENERAL EDUCATION (50 hours)

- ___ ENGL 1113
- ___ ENGL 1213
- ___ COMM 1113
- ___ MATH 2215 or MATH 2713
- ___ Biological Science (4 hours)
- ___ Physical Science (4 hours)
- ___ HIST 1483 or 1493
- ___ PS 1113
- ___ Humanities (6 hours)

- _____
- _____
- ___ FAM 1123, PSY 1113, or SOCI 1113
- ___ AGRC 1334, ECON 2013,
GEOG 3023, or CRM 3603
- ___ Physical Education activities (4 hours) or
Military Science (8 hours)

- _____
- _____

ELECTIVES to total 50 semester hours
(No more than 6 hours in any one department)

III. GRADUATION REQUIREMENTS

- ___ Department Requirements
- ___ Liberal Arts & Sciences (55 hours)
- ___ Minimum 127 credit hours completed
- ___ Minimum 40 credit hours upper division
- ___ Retention GPA 2.0 (C average)
- ___ Cameron GPA 2.0 (C average)
- ___ Complete Graduation Application at Registrar's Office

II. MAJOR/MINOR (63-64 hours)

A. Core Courses (42 hours)

- ___ CIS 1013 Intro to Computer Info Systems
- ___ EET 1063 Intro to Networking
- ___ IT 1213 Programming Logic
- ___ IT 1413 Programming I
- ___ CIS 2033 Fund of Systems Analysis & Design
- ___ IT 2063 Internetworking Technologies
- ___ IAS 2233 Intro to Information Assurance/
Security
- ___ IT 2413 Programming II
- ___ CIS 3083 Database Design & Mgmt
- ___ IT 3603 Human Computer Interface Develop
- ___ STAT 3013 Introductory Probability & Statistics I
- ___ TECH 3013 Technical Communications
- ___ IT 4342 Legal & Ethical Issues for the IT Prof
- ___ IT 4444 IT Capstone

**B. Option (Choose one of the following three options
15-16 hours)**

1. Computer Information Systems (16 hours)

- ___ CIS 2043 Graphic Design Basics
- ___ CIS 2083 Managing the Info Tech Center
- ___ CIS 3064 COBOL Programming
- ___ CIS 3183 Structured Query Language
- ___ CIS 4063 Applied Problems in CIS

2. Management Information Systems (15 hours)

- ___ MIS 2113 Fundamental MIS Tools & Skills
- ___ MIS 3033 Applied Data Modeling
- ___ MIS 3083 Systems Analysis & Design
- ___ MIS 4033 Electronic Commerce
- ___ MIS 4533 Applied Problems in MIS

3. Cyber Security & Information Assurance (15 hours)

- ___ IAS 2333 Computer Forensics
- ___ IAS 3063 Information Assurance Networking
Fundamentals
- ___ IAS 3233 E-Commerce and Web Security
- ___ IAS 3263 Security Architecture & Design
- ___ IAS 4063 Current Topics in Info Assurance &
Network Security

C. GUIDED ELECTIVES (6 hours)

(Choose 6 hours from the following)

- ___ TECH 3003 Technology Workshop
- ___ TECH 3033 Production Planning
- ___ TECH 4003-6 Directed Observation & On-the-job Internship
- ___ TECH 4023 Computer Generated Presentations
- ___ TECH 4033 Industrial Management Systems
- ___ TECH 4143 Workplace Safety
- ___ MGMT 4443 Project Management
- ___ TECH 4491-3 Independent Study in Technology