



**BACHELOR OF SCIENCE DEGREE CHECK SHEET
MAJOR IN INFORMATION TECHNOLOGY
2010-2011**

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. Information Assurance/Security (15 hours)

- IAS 2013 History of Info Assurance/Security
- IAS 3063 Information Assurance Networking
Fundamentals
- IAS 3233 Information Assurance/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