



College of Technology

Bachelor of Science in Computer Information Systems

Four-Year Academic Map 2014-2015

| Year 1 | Semester 1 | | | Semester 2 | | | Total | |
|--------|--------------------------|------------------------------------|---|--------------------------|------------------------------|---|-------|----|
| | ENGL 1303 | First Year Writing I | 3 | ENGL 1304 | First Year Writing II | 3 | | |
| | HIST 1377 | The United States 1877 | 3 | HIST 1378 | The United States since 1877 | 3 | | |
| | MATH 1330 | Elementary Functions | 3 | MATH 1431 | Calculus I | 4 | | |
| | Life & Physical Sciences | Core Course | 3 | Life & Physical Sciences | Core Course | 3 | | |
| | ITEC 1301 | Intro to Computer Application Tech | 3 | PSYC 1300 | Introduction to Psychology | 3 | | |
| | Semester Hours | | | 15 | Semester Hours | | | 16 |

| Year 2 | Semester 1 | | | Semester 2 | | | Total | |
|--------|----------------|-------------------------------------|---|------------|--------------------------------------|---|-------|----|
| | POLS 1336 | US & Texas Constitutions & Politics | 3 | POLS 1337 | US Government | 3 | | |
| | ECON 2301 | Global Economic Concepts | 3 | SCLT 2362 | Introduction to Logistics Technology | 3 | | |
| | ELET 2300 | Introduction to C++ Programming | 3 | ACCT 2331 | Accounting Principles I- Financial | 3 | | |
| | CIS 2332 | Info Tech Hardware & Sys Software | 3 | CIS 2336 | Internet Application Development | 3 | | |
| | CIS 2334 | Information Systems Applications | 3 | CIS 2348 | Info Sys Application & Development | 3 | | |
| | Semester Hours | | | 15 | Semester Hours | | | 15 |

| Year 3 | Semester 1 | | | Semester 2 | | | Total | |
|--------|----------------|------------------------------------|---|-------------------|--|---|-------|----|
| | TELS 3340 | Organizational Leadership & Super | 3 | TELS 3363 | Technical Communication | 3 | | |
| | TMTH 3360 | Applied Technical Statistics | 3 | TECH 3365 | Apps of Discrete Methods in Tech | 3 | | |
| | CIS 3343 | Info Sys Analysis & Design | 3 | CIS 3365 | Database Management | 3 | | |
| | CIS 3347 | Info Sys Infrastructure & Networks | 3 | CIS 3355 | Integrated Info Systems | 3 | | |
| | CIS 2337 | Fundamentals of Info Security | 3 | Approved Elective | CIS 3337, 3351, 4357, 4367, 4397, DIGM 2350, 2351, 3353 SCLT 3384, TELS 3355, MIS 4379 | 3 | | |
| | Semester Hours | | | 15 | Semester Hours | | | 15 |

| Year 4 | Semester 1 | | | Semester 2 | | | Total | |
|--|-------------------|--|---|--------------------------------|---|---|-------|----|
| | Creative Arts | Core Course | 3 | Language, Philosophy & Culture | Core Course | 3 | | |
| | TELS 4341 | Production & Service Operations | 3 | TELS 4342 | Quality Systems | 3 | | |
| | CIS 4338 | Database Administration & Implementation | 3 | CIS 4375 | Project Management & Practice | 3 | | |
| | CIS 4339 | Enterprise Application Develop | 3 | Approved Elective | CIS 3337, 3351, 4320, 4357, 4367, 4397 DIGM 2350, 2351, 3353, ELET 4325, 4421 SCLT 3384, MIS 4379, HRD 4351, 4344 | 3 | | |
| | Approved Elective | CIS 3337, 3351, 4357, 4367, 4397, DIGM 2350, 2351, 3353 SCLT 3384, TELS 3355, MIS 4379 | 3 | Approved Elective | CIS 3337, 3351, 4320, 4357, 4367, 4397 DIGM 2350, 2351, 3353, ELET 4325, 4421 SCLT 3384, MIS 4379, HRD 4351, 4344 | 3 | | |
| | Semester Hours | | | 15 | Semester Hours | | | 15 |
| Students should meet with their academic advisor to formulate their own plan. | | | | | | | 121 | |

