



Bachelor of Science Computer Information System Business Analytics Concentration 2022-2023 Transfer Guide

| Core Requirements (Transfer Credits) | | | |
|---|--------------------------------------|---|-----------|
| Other Institution | Texas A&M University - Central Texas | Course Name | SCH |
| CORE 010 | CORE 010 | Communication Core Selection | 3 |
| SPCH 1311, 1315 or 1321 | CORE 010 | Introducing to Speech Communication, Public Speaking or Business & Professional Communication | 3 |
| CORE 020 ⁴ | CORE 020 | Mathematics Core Selection | 3 |
| CORE 030 ⁴ | CORE 030 | Life and Physical Sciences Core Selection | 3 |
| CORE 030 ⁴ | CORE 030 | Life and Physical Sciences Core Selection | 3 |
| CORE 040 | CORE 040 | Language, Philosophy, and Culture Core Selection | 3 |
| CORE 050 | CORE 050 | Creative Arts Core Selection | 3 |
| CORE 060 | CORE 060 | American History Core Selection | 3 |
| CORE 060 | CORE 060 | American History Core Selection | 3 |
| CORE 070 | CORE 070 | Government/Political Science Core Selection | 3 |
| CORE 070 | CORE 070 | Government/Political Science Core Selection | 3 |
| ECON 2302 | CORE 080 | Principles of Microeconomics | 3 |
| CORE 090 ⁴ | CORE 090 | Component Area Core Selection | 3 |
| CORE 090 ⁴ | CORE 090 | Component Area Core Selection | 3 |
| Subtotal | | | 42 |

| Additional Lower-Level Degree Requirements (Transfer Credits) | | | |
|--|--------------------------------------|--|-----------|
| Other Institution | Texas A&M University - Central Texas | Course Name | SCH |
| Any Level Elective ⁴ | Any Level Elective | Any Level Elective | 15 |
| Any Level CIS Elective | Any Level CIS Elective | Any Level CIS Elective | 3 |
| BCIS 1305 or COSC 1301 | CIS 3300 ⁴ | Business Computer Applications, Introduction to Computing or Computer Technology and Impact | 3 |
| COSC 1315 | CIS 3303 | Fundamentals of Programming or Programing Logic and Design | 3 |
| COSC 1320 or 1336 | CIS 3330 ⁴ , 3331 or 3332 | C Programming I, Programming Fundamentals I, C++ Programming, Visual Basic Programming or Java Programming | 3 |
| Subtotal | | | 27 |

| Upper-Level Degree Requirements Texas A&M University - Central Texas | | | | | |
|---|---|-----|--------------------------------------|----------------------------------|------------|
| Texas A&M University - Central Texas | Course Name | SCH | Texas A&M University - Central Texas | Course Name | SCH |
| CIS 3315 | Web Site Development and Design | 3 | CIS 3365 | System Analysis and Design | 3 |
| MGMT 3301 | Principles of Management | 3 | CIS 4302 | Web & Social Analytics | 3 |
| CIS 3302 | Introduction to Business Analytics | 3 | CIS 3360 | Ethics in Computing | 3 |
| BUSI 3311 | Business Statistics | 3 | CIS 4360 | Strategic Information Systems | 3 |
| CIS 4341 | Information Technology Security and Risk Management | 3 | CIS 4352 | Structured Query Language | 3 |
| CIS 3347 | Data Communications and Infrastructure | 3 | CIS 4351 | IS Project Management | 3 |
| CIS 3306 | Data Visualization | 3 | CIS 4303 | Data Mining | 3 |
| CIS 4350 | Management Information Systems | 3 | Upper-Level CIS or COSC Elective | Upper-Level CIS or COSC Elective | 3 |
| CIS 4301 | Database Theory and Practices | 3 | | | |
| Subtotal | | | | | 51 |
| Total | | | | | 120 |

Notes/Comments

This guide is for planning and visualization purposes only. For assistance with pathway planning, students should schedule an appointment with an academic advisor.

1. Texas A&M University - Central Texas is an upper-level university only offering upper-level courses (3000-4000 labeled courses)
2. Student will need to complete all lower-level courses at another institution (1000-2000 labeled courses). Refer to the [General Education Core Requirements page](#) for more information on the CORE Requirements coursework.
3. Any-level electives may be taken at either at Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting any-level electives.
4. Lower Level Electives, Any Level Electives, Component Area Options, or Degree Requirements (DEG REQ) may consist of the FOS courses: MATH 2413, MATH 2414, MATH 2305, COSC 1436, COSC 1437, COSC 2436, PHYS 2425, PHYS 2426 (or 3 credit hour lecture and 1 hour lab courses for PHYS), one of the following: COSC 2325, COSC 2425.