## Suggested University Core for BS CIS students (see catalog) 42 hours

Core complete on transcript from another Texas public institution prior to attending UT Tyler, equates to core complete at UT Tyler.

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<tr>
<th>Core Category</th>
<th>Satisfied</th>
<th>Grade I</th>
<th>Grade II</th>
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<td>Communication</td>
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<td>Math</td>
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<td>Life &amp; Physical Science</td>
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<td>Language, Phil. &amp; Culture</td>
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<td>STEM</td>
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### SOULES COLLEGE OF BUSINESS Pre-Business Core (Lower Division)

All Pre-Business Core Courses require a "C" or higher

- Business: 3 hrs. MANA 3301 Introduction to Business
- Accounting: 6 hrs. ACCT 2301 (Financial), ACCT 2302 (Managerial)
- Economics: 6 hrs. ECON 2301 (Macro), ECON 2302 (Micro)
- Math: 6 hrs. MATH 1342 Stats I & MATH 1343 Stats II
- Computer Apps.: 3 hrs. COSC 1307 Intro to Info Syst. Software

### Common Business Core – 30 hours

All Business Core Courses require a "C" or better

- MANA 3311 Fundamentals of Management: None
- BLAW 3301 Business Law and Social Responsibility: None
- FINA 3311 Principles of Finance: ACCT 2301 & ECON 2301 or 2302
- MARK 3311 Principles of Marketing: None
- MANA 3370 Business Writing & Oral Presentations: None
- MANA 3305 Operations Management: COSC 1307 & MATH 1342
- COSC 3333 Management Information Systems: COSC 1307 & MATH 1342
- MANA 3312 International Business: ECON 2302 (MANA 3311 & MARK 3311 recommended)
- MANA 3300 Critical & Analytical Thinking in Business: COSC 1307, MATH 1342 & MANA 3370
- MANA 4395 Strategic Management: Completion of Business Core & Senior Status

### Major – 24 Hours

Major Courses require a "C" or better

- COSC 1315 or COSC 1336 Program Fundamentals for Non CS Majors or Programming Fundamentals: None
- COSC 1337 Object Oriented Paradigm: COSC 1315 or COSC 1336
- COSC 3385 Database Design: COSC 1337
- COSC 3375 Analysis and Logical Design: COSC 1337
- COSC 4325 Data Com & Comp Networks: Jr. or Sr. Classification & CIS/IT Major
- COSC 4347 Business Intelligence and Analysis: MATH 1342 & MATH 1343
- COSC 4362 Retail Cyber Security: COSC 4325 or COSC 4360
- COSC 4375 Info Systems Design Project: COSC 3375, COSC 3385 & COSC 4325

### UD CIS Electives – 9 Hours

See Catalog for Prerequisites

- UD CIS Elective (See advisor)
- UD CIS Elective (See advisor)
- UD CIS Elective (See advisor)

**Notes** – Student is seeking a Bachelor of Science (BS) with a major in Computer Information Systems; must have a minimum of 120 hours (42 UD hours and 45 resident hours for honors eligibility) and a UT Tyler GPA of 2.0+ to be eligible for graduation. International students must have all transient classes approved through the Office of International Programs. UD CIS ELECTIVES: Please see your Advisor for an updated list of electives offered each semester.