

## Associate of Science to Bachelor of Science in Computer Information Systems<sup>T</sup> **Guided Pathway** Effective for the 2019-2020 catalog<sup>1</sup>



## ➡BHC = CVC = EFC = ECC = MVC = NLC = RLC

FIRST SEMESTER	SECOND SEMESTER
ENGL 1301 – Composition I (010)	<sup>c</sup> ENGL 1302 – Composition II (010)
HIST 1301 – United States History I (060)	<sup>c</sup> HIST 1302 – United States History II* (060) <u>OR</u>
	CHIST 2301 – Texas History* (060)
MATH 2413 – Calculus I^* (020)	CECON 2301 – Principles of Macroeconomics* (080)
EDUC 1300 – Learning Framework <sup>@</sup>	<sup>c</sup> SPCH 1311 – Introduction to Speech Communication* (090) <u>OR</u> <sup>c</sup> SPCH 1315 – Public Speaking* (090)
<b>PHED 1164</b> – Introduction to Physical Fitness and Wellness (090)	Choose One: <sup>c</sup> ARTS 1301 – Art Appreciation* (050) <sup>c</sup> DRAM 1310 – Introduction to Theater* (050) <sup>c</sup> MUSI 1306 – Music Appreciation* (050)
Total Semester Hours: 14	Total Semester Hours: 15
	R SEMESTER
	H 1342 – Elementary Statistical Methods+
	CBIOL 1406 – Biology for Science Majors I+ (030)
Second Year – Brookhaven, Cedar Valley, Eastfield, El It's best to apply to Tarleton State University	ster Hours: 7-8 Centro, Mountain View, North Lake, and Richland College sity a full semester before you plan to transfer.
FIRST SEMESTER	SECOND SEMESTER
Choose One: CHOSE ORE: CENGL 2332 – World Literature I* (040) CPHIL 1301 – Introduction to Philosophy* (040) CPHIL 2306 – Introduction to Ethics*(040)	COSC 1437 – Programming Fundamentals II+ OR ACCT 2302 – Principles of Managerial Accounting+
PHYS 2426 – University Physics II+ (030) OR	COSC 2436 – Programming Fundamentals III+ OR
CHEM 1412 – General Chemistry II+ (030)	ECON 2302 – Principles of Microeconomics +
ACCT 2301 – Principles of Financial Accounting+	<sup>c</sup> GOVT 2306 – Texas Government (070)
GOVT 2305 – Federal Government (070) Total Semester Hours: 13-14	BCIS 1305 – Business Computer Applications Total Semester Hours: 12-14
Elective Course	Elective Course
Elective Course	Elective Course Total Semester Hours: 6
Elective Course	Elective Course
Elective Course Third Year – Tarle FIRST SEMESTER	Elective Course         Total Semester Hours: 6           Eton State University         Total Semester Hours: 6
Elective Course Third Year – Tarle FIRST SEMESTER BCIS 1315 – Principles of Web Design	Elective Course         Total Semester Hours: 6         Eton State University         SECOND SEMESTER
Elective Course Third Year – Tarle FIRST SEMESTER BCIS 1315 – Principles of Web Design BCIS 3333 – C# Programming <u>OR</u> BCIS 3332 – Java Programming	Elective Course         Total Semester Hours: 6         eton State University         SECOND SEMESTER         BCIS 1317 – Personal Computer Maintenance and Hardware
Elective Course Third Year – Tarle FIRST SEMESTER SCIS 1315 – Principles of Web Design SCIS 3333 – C# Programming <u>OR</u> SCIS 3332 – Java Programming SUSI 3311 – Business Statistics	Elective Course         Total Semester Hours: 6         Secon State University         SECOND SEMESTER         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication OR
Elective Course Third Year – Tarle FIRST SEMESTER SCIS 1315 – Principles of Web Design SCIS 3333 – C# Programming <u>OR</u> SCIS 3332 – Java Programming SUSI 3311 – Business Statistics	Elective Course         Total Semester Hours: 6         Secon State University         SECOND SEMESTER         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication OR         ENGL 3309 – Technical Writing and Document Design
Elective Course Third Year – Tarle FIRST SEMESTER BCIS 1315 – Principles of Web Design BCIS 3333 – C# Programming <u>OR</u>	Elective Course         Total Semester Hours: 6         Secon State University         SECOND SEMESTER         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication <u>OR</u> ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications
Elective Course Third Year – Tarle FIRST SEMESTER SCIS 1315 – Principles of Web Design SCIS 3333 – C# Programming <u>OR</u> SCIS 3332 – Java Programming SUSI 3311 – Business Statistics MGMT 3300 – Principles of Management	Elective Course         Total Semester Hours: 6         Seton State University         SECOND SEMESTER         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication <u>OR</u> ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications         Advanced BCIS Elective
Elective Course Third Year – Tarle FIRST SEMESTER SCIS 1315 – Principles of Web Design SCIS 3333 – C# Programming <u>OR</u> SCIS 3332 – Java Programming SUSI 3311 – Business Statistics MGMT 3300 – Principles of Management Advanced BCIS Elective Total Semester Hours: 15 Fourth Year – Tarl	Elective Course         Total Semester Hours: 6         eton State University         SECOND SEMESTER         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication OR         ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications         Advanced BCIS Elective         BCIS Elective         Total Semester Hours: 15
Elective Course Third Year – Tarle FIRST SEMESTER SCIS 1315 – Principles of Web Design SCIS 3333 – C# Programming <u>OR</u> SCIS 3332 – Java Programming SUSI 3311 – Business Statistics MGMT 3300 – Principles of Management Advanced BCIS Elective Total Semester Hours: 15	Total Semester Hours: 6         Total Semester Hours: 6         eton State University         SECOND SEMESTER         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication OR         ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications         Advanced BCIS Elective         BCIS Elective         Total Semester Hours: 15         eton State University         SECOND SEMESTER
Elective Course Third Year – Tarle FIRST SEMESTER CIS 1315 – Principles of Web Design CIS 3333 – C# Programming <u>OR</u> CIS 3332 – Java Programming CIS 3332 – Java Programming CIS 3311 – Business Statistics MGMT 3300 – Principles of Management Advanced BCIS Elective Total Semester Hours: 15 Fourth Year – Tarl FIRST SEMESTER CIS 3389 – System Analysis and Design	Total Semester Hours: 6         Total Semester Hours: 6         eton State University         SECOND SEMESTER         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication OR         ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications         Advanced BCIS Elective         BCIS Elective         Total Semester Hours: 15         Eton State University         SECOND SEMESTER         BCIS 4350 – Management Information Systems
Elective Course Third Year – Tarle FIRST SEMESTER CS 1315 – Principles of Web Design CS 3333 – C# Programming <u>OR</u> CS 3332 – Java Programming CS 3332 – Java Programming CS 3330 – Principles of Management CS CS 3300 – Principles of Management CS CS 3300 – Principles of Management CS C	Total Semester Hours: 6         Total Semester Hours: 6         Second State University         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication OR         ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications         Advanced BCIS Elective         BCIS Elective         Total Semester Hours: 15         Eton State University         SECOND SEMESTER         BCIS 4350 – Management Information Systems         Advanced BCIS Elective
Elective Course Third Year – Tarle FIRST SEMESTER 3CIS 1315 – Principles of Web Design 3CIS 3333 – C# Programming <u>OR</u> 3CIS 3332 – Java Programming 3USI 3311 – Business Statistics MGMT 3300 – Principles of Management Advanced BCIS Elective Total Semester Hours: 15 Fourth Year – Tarl FIRST SEMESTER 3CIS 3389 – System Analysis and Design 3CIS 4301 – Database Theory and Practice Advanced BCIS Elective	Total Semester Hours: 6         Total Semester Hours: 6         Second State University         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication OR         ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications         Advanced BCIS Elective         BCIS Elective         Total Semester Hours: 15         eton State University         BCIS 4350 – Management Information Systems         Advanced BCIS Elective         Advanced BCIS Elective
Elective Course Third Year – Tarle FIRST SEMESTER Constraints of Web Design Constraints of Web D	Total Semester Hours: 6         Total Semester Hours: 6         Second State University         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication OR         ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications         Advanced BCIS Elective         BCIS Elective         Total Semester Hours: 15         Eton State University         SECOND SEMESTER         BCIS 4350 – Management Information Systems         Advanced BCIS Elective
Elective Course Third Year – Tarle FIRST SEMESTER Constraints of Web Design Constraints of Web D	Total Semester Hours: 6         Total Semester Hours: 6         eton State University         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication <u>OR</u> ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications         Advanced BCIS Elective         BCIS Elective         Total Semester Hours: 15         eton State University         ENGL 3350 – Management Information Systems         Advanced BCIS Elective         Advanced BCIS Elective
Elective Course Third Year – Tarle FIRST SEMESTER Constraints of Web Design Constraints of Web D	Total Semester Hours: 6         Total Semester Hours: 6         SECOND SEMESTER         BCIS 1317 – Personal Computer Maintenance and Hardware         BUSI 3312 – Business Communication <u>OR</u> ENGL 3309 – Technical Writing and Document Design         BCIS 3347 – Data Communications         Advanced BCIS Elective       BCIS Elective         Total Semester Hours: 15         eton State University         BCIS 4350 – Management Information Systems         Advanced BCIS Elective         Advanced BCIS Elective

@ All college students with fewer than 12 semester credit hours of successful college credit (grade of "C" or above) should take a student success course in the first semester. To register for MATH 2413, students must have completed the prerequisite math courses as follows: MATH 1314, MATH 1316, MATH 2412

\* There are several options to fulfill this requirement. See your academic advisor for a specific list.

+ Choose the appropriate course options based on the university to which you will transfer. See your academic advisor for specific details.

You must earn a grade of "C" or better in English 1301 and the selected college-level mathematics course and receive a GPA of at least 2.00 on all college-level course work. () Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

Degree availability varies by campus; consult www.tarleton.edu for more information.

Approved: 2019-2020 Guided Pathway

