Associate of Science in Computer Science
Bachelor of Science in Computer Information Systems [T]
Guided Pathway
Effective for the 2019-2020 Catalog

First Year – Paris Junior College

FIRST SEMESTER	SECOND SEMESTER
COSC 1301 – Introduction to Computing	[C]**DRAM 1310 –** Introduction to Theater (050)
EDUC/PSYC 1300 – Learning Framework	[C]**ENGL 1302 –** Composition II (010)
[C]**ENGL 1301 –** Composition I (010)	[C]**HIST 1302 –** United States History II (060)
[C]**HIST 1301 –** United States History I (060)	[C]**MATH 2312 –** Pre-Calculus Math (090)
[C]**MATH 1314 –** College Algebra (020)	[C]**SPCH 1321 –** Business & Professional Comm. (090)
Total Semester Hours: 15	Total Semester Hours: 15

Second Year – Paris Junior College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
COSC 1336 – Programming Fundamentals I	[C]**COMM 1307 –** Intro. to Mass Communications (040)
[C]**ECON 2302 –** Principles of Microeconomics (080)	**COSC 1337 –** Programming Fundamentals II
[C]**GOVT 2305 –** Federal Government (070)	[C]**GOVT 2306 –** Texas Government (070)
MATH 2413 – Calculus I	[C]**PHYS 1402 –** College Physics II (030)
[C]**PHYS 1401 –** College Physics I (030)	
Total Semester Hours: 17	Total Semester Hours: 13

AS: Computer Science

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

These courses may be taken at Paris Junior College or TSU	
BCIS Elective	**ACCT 2301** – Principles of Financial Accounting
BCIS Elective	**BCIS 1305** – Business Computer Applications
	Total Semester Hours: 12

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BCIS 1315 – Principles of Web Design	**BCIS 1317** – Personal Computer Maintenance and Hardware
BCIS 3333 – C# Programming *OR*	**BUSI 3312** – Business Communication *OR*
BCIS 3332 – Java Programming	**ENGL 3309** – Technical Writing and Document Design
BUSI 3311 – Business Statistics	**BCIS 3347** – Data Communications
MGMT 3300 – Principles of Management	Advanced BCIS Elective
Advanced BCIS Elective	
Total Semester Hours: 15	Total Semester Hours: 12

Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BCIS 3389 – System Analysis and Design	**BCIS 4350** – Management Information Systems
BCIS 4301 – Database Theory and Practice	Advanced BCIS Elective
Advanced BCIS Elective	Advanced BCIS Elective
Advanced BCIS Elective	Advanced BCIS Elective
Total Semester Hours: 12	Total Semester Hours: 12

TOTAL: 123

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.
Part-time students may also follow this sequence. Developmental coursework may be required.
 * You may take a different course to meet this requirement. A specific list is available from your advisor.
 [C] This course counts for the Core Curriculum at any public college or university in Texas.
 () Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.
 [T] Degree availability varies by campus; consult www.tarleton.edu for more information.

For questions about the university portion of this pathway,
contact the Computer Information Systems & Marketing department at 254-968-9047.