



Associate of Science in Computer Science
Bachelor of Business Administration 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

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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

BUSI 1301 – Business Principles	ACCT 2301 – Principles of Financial Accounting
ACCT 2302 – Principles of Managerial Accounting	BCIS 1305 – Business Computer Applications
ECON 2301 – Principles of Macroeconomics	BUSI 2301 – Business Law
BUSI 2311 (BUSI 2305) – Business Statistics	

Total Semester Hours: 21

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
MKTG 3312 – Marketing	BCIS 3389 – System Analysis and Design
MGMT 3300 – Principles of Management	Advanced BCIS or COSC Elective
BCIS 3333 – C# Programming <u>OR</u>	BCIS 3343 – Advanced C# Programming <u>OR</u>
BCIS 3332 – Java Programming	BCIS 3342 – Advanced Java Programming
BCIS 3347 – Data Communications	BUSI 3312 – Business Communication

Total Semester Hours: 12

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Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BCIS 4355 – Global Information Systems	Advanced BCIS or COSC Elective
BCIS 4350 – Management Information Systems	BUSI 4359 – Business Strategy
FINC 3301 – Principles of Financial Management	Advanced BCIS or COSC Elective
BCIS 4301 – Database Theory and Practice	Advanced BCIS or COSC Elective

Total Semester Hours: 12

Total Semester Hours: 12

TOTAL: 129

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.