



AAS Computer Systems – Information System to
 Bachelor of Applied Arts and Sciences in Information Technology[†]
Guided Pathway
 Effective beginning with the 2021-2022 catalog



First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
BCIS 1305 – Business Computer Applications	COSC 1315 – Intro. to Comp. Programming or COSC 1436
^c ECON 1301 – Intro. to Economics (see list below)	ITSE 1311 – Beginning Web Programming
^c ENGL 1301 – Composition I	ITSW 1304 – Intro. to Spreadsheets - Excel
ITSW 1310 – Intro. to Presentation Graphics Software	^c Humanities (TSU requires)/Fine Arts course (see list below)
^c Mathematics course (see list below)	^c Speech course (see list below)
15 credit hours	15 credit hours

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
BMGT 1307 – Team Building	ITSC 2380 – Cooperative Education - Computer & Information Sciences, General (Capstone) or INEW 2330
^c ENGL 2311 – Technical and Business Writing	ITSE 2309 – Database Programming - SQL
IMED 2309 – Internet Commerce or GISC 1411	ITSY 1300 – Fundamentals of Info. Security (Security+)
ITNW 1358 – Network +	*Business elective (see list below)
ITSW 1307 – Introduction to Database - Access	*Technical elective (see list below)
15 credit hours	15 credit hours

AAS: Computer Systems - Information System Track

Contact your advisor at Collin College for information about applying for your associate degree.

^c Core Curriculum transferrable to any public college or university in Texas.

These courses may be completed at Collin College (if offered) or TSU

^c HIST 1302 – United States History II	^c Creative Arts Core Elective
^c Life and Physical Science Core Elective (4 credits)	^c GOVT 2305 – Federal Government
^c HIST 1301 – United States History I	^c GOVT 2306 – Texas Government
^c Any Core Applicable Course (1 credit min)	^c Life and Physical Science Core Elective (4 credits)
Total Semester Hours: 11	Total Semester Hours: 13

Third Year – Tarleton State University

Students must fulfill Tarleton State University admission requirements which can be found on their website.

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Total Semester Hours: 15	Total Semester Hours: 15

Fourth Year – Tarleton State University

FIRST SEMESTER
Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course
Total Semester Hours: 15

Total Degree Hours: 129

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

Collin Options:

Mathematics/Natural Sciences – choose one from: **MATH** 1314, 1316, 1324, 1325, 1332, 1342, 1350, 1351, 2305, 2318, 2320, 2412, 2413, 2414, 2415, **BIOL** 1406, 1407, 1408, 1409, 1414, 1415, 2401, 2402, 2402, 2404, 2406, 2416, 2420, 2421, **CHEM** 1405, 1411, 1412, 2423, 2425, **ENVR** 1401, 1402, **GEOL** 1401, 1402, 1403, 1404, 1445, 1447, **PHYS** 1401, 1402, 1403, 1404, 1405, 1410, 1415, 1417, 2425, 2426.

Humanities/Fine Arts – choose one from: **ARTS** 1301, 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2341, **HIST** 2311, 2312, 2321, 2322, **HUMA** 1301, **MUSI** 1306, 1307, 1310, **PHIL** 1301, 1304, 2303, 2306, 2307, 2321.

Social/Behavioral Sciences – choose one from: **ANTH** 2302, 2346, 2351, **ECON** 1301, 2301, 2302, **GOVT** 2305, 2306, **HIST** 1301, 1302, 2301, **PSYC** 2301, **SOCI** 1301, 1306.

Speech – choose one from: **SPCH** 1311, 1315, 1321.

*Business Elective – Any **BMGT**, **BUSG**, **BUSI**, **IBUS** course not listed above, excluding any Cooperative Education or Software Project course.

*Technical Elective – Any **COSC**, **GISC**, **IMED**, **ITCC**, **ITMT**, **ITNW**, **ITSC**, or **ITSE** course not listed above, excluding any Cooperative Education or Software Project course.