AAS Geospatial Information Science (GIS)
Guided Pathway
Effective beginning with the 2022-2023 catalog

First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1301 Composition I	^C Mathematics/Natural Sciences (see list below)
COSC 1315 Intro. to Computer Programming or COSC 1436 or ITSE 1332 or ITSE 2302	DFTG 1309 Basic Computer-Aided Drafting
GISC 1411 Intro. to Geographic Info. Systems (GIS)	GISC 2335 Programming for Geographic Information Systems (GIS) or ITSE 1359
GISC 2402 Geographic Information Systems (GIS) Design with Raster Analysis	GISC 2420 Intermediate Geographic Info. Systems (GIS)
GISC 2402 Geographic Information Systems (GIS) Design with Raster Analysis	ITSE 1311 Beginning Web Programming
18 credit hours	16 credit hours

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 2311 Technical and Business Writing	^C Speech (see list below)
^C Humanities/Fine Arts (see list below)	^C Social/Behavioral Sciences (see list below)
GISC 2311 Geographic Information Systems (GIS) Applications	GISC 2172 Geospatial Information Systems Portfolio Development
ITSW 1304 Introduction to Spreadsheets - Excel	GISC 2231 Advanced Problems in Geographic Information Systems (GIS) (Capstone) or GISC 2281
ITSW 1307 Introduction to Database - Access	GISC 2359 Web-Served Geographic Information Systems
15 credit hours	12 credit hours

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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.

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

Elective – choose one from: **BIOL** 2406, **ENVR** 1401, any **GEOG**, or any **GEOL**