



AAS Geospatial Information Science (GIS)
Guided Pathway
Effective beginning with the 2023-2024 catalog

First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
^c ENGL 1301 Composition I	^c Mathematics/Natural Sciences (see list below)
GISC 1411 Intro. to Geographic Info. Systems (GIS)	DFTG 1309 Basic Computer-Aided Drafting
GISC 2402 Geographic Information Systems (GIS) Design with Raster Analysis	GISC 2250 Scripting for Geographic Information Systems (GIS) ²
ITSE 1359 Introduction to Scripting Languages – Python	GISC 2420 Intermediate Geographic Info. Systems (GIS)
	ITSW 1304 Introduction to Spreadsheets - Excel
14 credit hours	18 credit hours
THIRD SEMESTER	
GISC 2172 Geospatial Information Systems Portfolio Development ³	
GISC 2231 Advanced Problems in Geographic Information Systems (GIS) (Capstone) ^{3,4}	
3 Credit hours	

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
^c ENGL 2311 Technical and Business Writing	^c Speech (see list below)
GISC 2311 Geographic Information Systems (GIS) Applications ¹	^c Social/Behavioral Sciences (see list below)
GISC 2459 Web-Served Geographic Information Systems (GIS) ¹	GISC 2335 Programming for Geographic Information Systems (GIS) ² (Capstone)
ITSW 1307 Introduction to Database - Access	Elective *
^c Humanities/Fine Arts (see list below)	
16 credit hours	9 credit hours

*Elective (3 credit hours): BIOL 2406, ENVR 1401, any GEOG, or any GEOL

1. Fall Only. This course is offered in the fall semester only.
2. Spring Only. This course is offered in the spring semester only.
3. Summer Only. This course is offered in the summer semester only.
4. May substitute GISC 2281.

AAS Geospatial Information Science (GIS)

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

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
GOVT 2305, 2306, **HIST** 1301, 1302, 2301, **PSYC** 2301, **SOCI** 1301, 1306

	<p><u>Humanities/Fine Arts</u> – 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</p> <p><u>Speech</u> – choose one from: SPCH 1311, 1315, 1321</p> <p><u>Elective</u> – choose one from: BIOL 2406, ENVR 1401, any GEOG, or any GEOL</p>
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