



AS General Studies - Mathematics Emphasis  
**Guided Pathway**  
Effective beginning with the 2022-2023 catalog

**First Year - Collin College**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> ENGL 1301 Composition I	<sup>c</sup> ENGL 1302 Composition II (or ENG 2311)
<sup>c</sup> MATH 2412 Pre-Calculus	<sup>c</sup> MATH 2414 Calculus II
<sup>c</sup> Speech (see list below)	<sup>c</sup> PHYS 2425 University Physics I
<sup>c</sup> History (see list below)	MATH 2305 Discrete Mathematics
COSC 1336 Programming Fundamentals I	
16 credit hours	14 credit hours

**Second Year - Collin College**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> GOVT 2305 Federal Government	<sup>c</sup> GOVT 2306 Texas Government
MATH 2318 Linear Algebra	<sup>c</sup> Creative Arts (see list below)
<sup>c</sup> Social/Behavioral Sciences (see list below)	MATH 2320 Differential Equations
MATH 2415 Calculus III	<sup>c</sup> Language/Philosophy/Culture (see list below)
<sup>c</sup> History (see list below)	<sup>c</sup> Life/Physical Sciences (see list below)
16 credit hours	16 credit hours

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

<sup>c</sup>Core Curriculum transferrable to any public college or university in Texas.

**Collin Options:**

Life/Physical Sciences – choose one from: **BIOL** 1406, 1407, 1415, 2401, 2402, 2406, 2416, 2421, **CHEM** 1411, 1412, 2423, 2425, **ENVR** 1401, 1402, **GEOL** 1403, 1404, **PHYS** 1401, 1402, 2426

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

History – choose two from: **HIST** 1301, 1302, 2301

Language/Philosophy/Culture - choose one from: **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, **HIST** 2311, 2312, 2321, 2322, **HUMA** 1301, **PHIL** 1301, 1304, 2303, 2306, 2307, 2321

Creative Arts - choose one from: **ARTS** 1301, 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **MUSI** 1306, 1307, 1310

Social/Behavioral Sciences – choose one from: **ANTH** 2302, 2346, 2351, **ECON** 1301, 2301, 2302, **PSYC** 2301, **SOCI** 1301, 1306