



Level 2 Certificate in Biotechnology to



Guided Pathway Bachelor of Applied Arts & Sciences Degree Healthcare Administration Concentration Effective beginning with the 2019-2020 catalog

First Year - Collin College

(Developmental coursework may be required.)

FIRST SEMESTER	SECOND SEMESTER
ENGL 1301 Composition I (3 CH) (010)	ENGL 2311 Technical and Business Writing (3 CH) (010)
BIOL 1406 Biology for Science Majors (4 CH) (030)	BIOL 1415 Intro to Biotechnology II (4 CH)
BIOL 1414 Intro to Biotechnology I (4 CH)	MATH 1314 College Algebra (3 CH) (020)
History (see list below) (3 CH) (060)	History (see list below) (3 CH) (060)
	BITC 1340 Quality Assurance for the Biosciences (3 CH)
14 credit hours	16 credit hours

Second Year - Collin College

Apply to UNT a full semester before you plan to transfer, providing a copy of this pathway document is recommended.

FIRST SEMESTER	SECOND SEMESTER
CHEM 1411 General Chemistry I (4 CH) (030)	BTIC 2411 Biotechnology Laboratory Instrumentation (4 CH)
BITC 2441 Molecular Biology Techniques (4 CH)	BITC 2386 Internship-Bio/Biotech Lab Technician (4 CH)
BIOL 2416 Genetics (4 CH)	BITC 2431 Cell Culture Techniques (4 CH)
BTIC 1350 Bioethical Issues (3 CH)	BTIC 2350 Bioinformatics (3 CH)
15 credit hours	15 credit hours

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Third Year - Midwestern State University Bachelor of Applied Arts & Sciences Degree Healthcare Administration Concentration

FIRST SEMESTER	SECOND SEMESTER
*ENGL 1153 (1302) Academic Writing & Lit	*POLS 1433 (GOVT 2305)*
*Language, Philosophy & Culture	*Creative Arts
POLS 1333 (GOVT 2306)	*Social & Behavioral Science
*Cultural & Global Understanding	*Undergraduate Inquiry
Computer Science	Approved Elective

Fourth Year – Midwestern State University Bachelor of Applied Arts & Sciences Degree Healthcare Administration Concentration

FIRST SEMESTER	SECOND SEMESTER
Select HealthCare Admin Courses w/Advisor	Select HealthCare Admin Courses w/Advisor
Select HealthCare Admin Courses w/Advisor	Select HealthCare Admin Courses w/Advisor
Select HealthCare Admin Courses w/Advisor	Select HealthCare Admin Courses w/Advisor
Select HealthCare Admin Courses w/Advisor	Select HealthCare Admin Courses w/Advisor
Select HealthCare Admin Courses w/Advisor	Select HealthCare Admin Courses w/Advisor
Select HealthCare Admin Courses w/Advisor	BAAS 4113 - Capstone

Bachelor of Applied Arts and Sciences

Transfer courses back to Collin College to earn your Associate's degree.

^ Occupational Specialization in Biotechnology
& Concentration in Biology
% Concentration in Data Collection and Analysis
Concentration in Technical Communication

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

For questions about the University portion of this pathway,
Contact the BAAS Office at [940] 397-4400 or email: baas@msutexas.edu.

