

YEARS 1 AND 2: Associate in Arts Degree | YEARS 3 AND 4: Bachelor of Arts in Data Science: Business Intelligence



The suggested pathways included on this document show coursework which fulfills requirements for the Associates in Arts Degree at MCCKC as well as requirements for the Bachelor of Arts in Data Science degree at William Jewell College.

For official course, degree, and graduation requirements, students should refer to each institutions' catalog which supersedes this document.

WILLIAM JEWELL COLLEGE

SEMESTER 1			
MCC Requirement Fulfilled	MCC Course	William Jewell College Course	William Jewell Degree Requirement Fulfilled
Oral Communication	COMM 100: Fundamentals of Speech (3)	COM 100: Fundamentals of Speech Communication	Requirement for Major
Social and Behavioral Sciences-Civics/American Institutions	PSYC 140: Intro to Psychology (3)	PSY 101: Introduction to Psychological Science	*Level 2 Explorations: Power and Justice (2 of 2 classes required from 2 different disciplines)
Humanities and Fine Arts	**CHIN 101, OR FREN 101, OR GERM 101 OR SPAN 101 (5)	CHI 111, or, FRE111, or SPAN 111	Elective
Written Communication	ENGL 101: Composition and Reading 1 (3)	CTI 102: Written Communications	Level 1 Foundations: English Composition Requirement Fulfilled
Humanities and Fine Arts	HIST 133: Foundations of Western Civilization (3) OR HIST 134 (3) Modern Western Civilization (3)	HIS 103: World History I OR HIS 104: World History II	Elective
			Total Hours Completed: 17
SEMESTER 2			
Humanities and Fine Arts	ENGL: 268: Women's Literature (3)	HUM 999	Level 2 Explorations: Culture and Traditions (1 of 2 courses required from 2 different disciplines)
Natural Sciences-Lab	BIOL 101: General Biology (5)	BIO 999	Elective
Written Communication	ENGL 102: Composition and Reading 2 (3)	ELE 999	Elective
Social and Behavioral Sciences-Civics/American Institutions	HIST 120: US History to 1865 (3) (or) HIST 121: US History since 1865 (3) (or) POLS 136: Introduction to U.S. National Politics (3)	HIS 121: Foundations of US History (or) HIS 122: The Modern United States (or) POLS 135: Introduction to Political Science	*Level 2 Explorations: Power and Justice (1 of 2 classes required from 2 different disciplines)
			Total Hours Completed: 14
SEMESTER 3			
Mathematical Science	MATH 180: Analytic Geometry and Calculus 1 (5)	MAT 109	Level 1 Foundations: Mathematics Requirement Fulfilled (major-level math requirement)
Humanities and Fine Arts	ART 108: Survey or Art (3) or MUSI 108: Music Appreciation (3)	ART 999 (or) MUS 999	Level 2 Explorations: Culture and Traditions 2 of 2 classes required from two different disciplines)
Elective	BUSN 270: Legal Environment of Business (3)	BUS 231: Business Law and Ethics	Requirement for Major
Elective	ACCT 101: Accounting Principles 1 (3)	ACC 999 if ACCT 102 is not completed	Required for Major (ACCT 101 + ACCT 102=ACCT 111)
			Total Hours Completed: 14
SEMESTER 4			
Social and Behavior Sciences	GEOG 113: Cultural/Human Geography (3)	GEO 999	Elective
Social and Behavioral Sciences	COMM 233: Intercultural Communication (3)	COM 358: Intercultural Communication	Elective
Natural Science without Lab	BIOL 132 Human Nutrition (3)	SCI 999	Elective
Elective	ACCT 102: Accounting Principles 2 (3)	ACC 999 if ACCT 101 is not completed	Required for Major (ACCT 101 + ACCT 102= ACCT 111)
Elective	**CHIN 102, OR FREN 102, OR GERM 102 OR SPAN 102 (5)	CHI 112, FRE 112 or SPAN 112	Foreign Language requirement met by successfully completing a second,(college-level) course in any foreign language.
			Total Hours Completed: 17

To complete the Critical Thought and Inquiry (CTI) Curriculum, the remaining CTI courses listed below must be taken at William Jewell College:

- CTI Sacred Secular (4 Credit Hours)
- CTI 100: The Responsible Self (4 Credit Hours)
- CTI 150: Identity and Society (2 Credit Hours)
- CTI 400 Capstone (4 Credit Hours)

The maximum credit towards the 124 hours required for the Bachelor of Arts degree that a student may apply in one subject-matter field is 40 credit hours.

A student must have a minimum of 84 hours outside the one subject matter field that can be counted toward graduation

Minimum GPA required to apply for admission is a 2.5 GPA with at least 12 hours completed post high school graduation.

The courses suggested in this guide are the preferred courses that best prepare students for success at William Jewell College. For a Level 2 Explorations requirement in the William Jewell College core curriculum to be fulfilled using transfer credit, students **MUST** have successfully completed two (2) courses in two (2) different disciplines.

MCCKC courses used to fulfill William Jewell College Level 2 Core Curriculum Requirements are as follows:

Power and Justice:
HIST 120 OR HIST 121 OR POLS 136 AND PSYC 140

Culture and Traditions:
ART 108 OR MUS 108 AND ENGL 268

*Any course designated as a "Level 2 Explorations course" **will transfer as an elective** if the student transfers to Jewell with less than 26 hours completed post-high school graduation **OR** does not successfully complete the 2 classes required for each category.

Bachelor of Arts in DATA SCIENCE: BUSINESS INTELLIGENCE

Years 3 and 4

This Suggested Course Advisement Plan is an unofficial publication of William Jewell College.
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**Students must earn a grade of C- or higher in each of these required courses.*

FALL 1		
CTI 100	The Responsible Self	4
CTI 150	Identity and Society	2
DTS 150	Introduction to Data Science	4
PHY 215	Introduction to Computational Modeling	2
MKT 205	Principles of Marketing	4
		TOTAL: 16

SPRING 1		
DTS 190	Introduction to Programming	4
CTI Level 2 Sacred Secular	Course of Student's Choosing	4
BUS 315	Financial Management	4
Free Elective	Course of Student's Choosing	4
		TOTAL: 16

SUMMER 1		
DTS 200	Data Modeling, Databases and Querying	4
		TOTAL: 4

FALL 2		
DTS 350	Data Visualization	4
DTS 400	Data Science Internship	2
CTI 4XX	CTI Capstone	4
Elective	Course of Student's Choosing	4
		TOTAL: 14

SPRING 2		
DTS 218	Applied Statistics	4
DTS 360	Data Mining	4
DTS 410	Data Science Capstone	2
BUS 440	Business Intelligence Capstone	4
		TOTAL: 14