

YEARS 1 AND 2: Associate in Arts Degree | YEARS 3 AND 4: Bachelor of Arts in Mathematics

The suggested pathways included on this document show coursework that fulfills requirements for the Associate in Arts Degree at MCCCK as well as requirements for the Bachelor of Arts in Mathematics degree at William Jewell College.

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



SEMESTER 1			
MCC Requirement Fulfilled	MCC Course	William Jewell College Course	William Jewell Degree Requirement Fulfilled
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)
Natural Sciences-Lab	BIOL 101: General Biology (5)	BIO 999	Elective
Written Communication	ENGL 101: Composition and Reading 1 (3)	CTI 102: Written Communications	Level 1 Foundations: English Composition Requirement Fulfilled
Mathematical Science	MATH 150 (5)	Pre-Calculus	Level 1 Foundations: Mathematics Requirement Fulfilled MAT 107 (Prerequisite for major-level math requirement)
			Total Hours Completed: 16
SEMESTER 2			
Oral Communication	COMM 100: Fundamentals of Speech (3)	COM 100: Fundamentals of Speech Communication	Requirement for Major
Social and Behavior Sciences	GEOG 113: Cultural/Human Geography (3)	GEO 999	Elective
Written Communication	ENGL 102: Composition and Reading 2 (3)	ELE 999	Elective
Elective	MATH 180: Analytic Geometry and Calculus 1 (5)	MAT 109	Required for Major
Humanities and Fine Arts	PHIL 100: Introduction to Philosophy (3)	PHI 201 Introduction to Philosophy	Elective
			Total Hours Completed: 17
SEMESTER 3			
Humanities and Fine Arts	ART 108: Survey of Art (3) or MUSI 108: Music Appreciation (3)	ART 999 (or) MUS 999	Level 2 Explorations: Culture and Traditions 1 of 2 classes required from 2 different disciplines)
Elective	MATH 190: Analytic Geometry and Calculus II (5)	MAT 200: Calculus II	Requirement for Major
Physical Science	PHYS 101, 104 OR 106 4)	Suggested Course: PHYS 106 General Astronomy (non Lab)	Elective
Elective	Music 160: Music of the Worlds Cultures (3)	HUM 999	Elective
			Total Hours Completed: 15
SEMESTER 4			
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)
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
Humanities and Fine Arts	ENGL: 268: Women's Literature (3)	ENG 255: Literary Topics	Level 2 Explorations: Culture and Traditions (2 of 2 courses Fulfilled from 2 different disciplines)
Elective	MATH 230: Differential Equations (3)	MAT 202: Differential Equations	Requirement for Major
			Total Hours Completed: 12

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

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.

MCCCK 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.

To be considered for admission, transfer student must have completed at least 12 credit hours post high school graduation with at least a 2.5 cumulative GPA.

World Language Requirement for students whose primary major will lead to a BA degree:

Students who have completed a level-2 language course (e.g., Spanish 2, French 2, Latin 2, ...) or higher in high school and who wish to continue study in the same language must complete the first intermediate-level course (the 211 course at Jewell) or its equivalent or a more advanced course in the same language. Students who have not completed a level-2 language course in high school or who wish to study a new language must complete at least a second introductory-level course (the 112 course at Jewell).

Disclaimer: All statements in this publication concerning course offerings and requirements are subject to constant review and change based on the needs of the college and related department(s). The content on this document is provided for informational purposes and does not substitute for formal academic advising or constitute a contract.

Bachelor of Arts in Mathematics

Suggested 2-year course plan

This Suggested Course Advisement Plan is an unofficial publication of William Jewell College.
For official course requirements, students should refer to the institution catalog which supersedes this document.

**Students must earn a grade of C- or higher in each of these required courses.*

FALL 1		
Course Number	Course Name	Credit Hours
MAT 201	Calculus III	4
MAT 281	Linear Algebra	4
CTI 100	The Responsible Self	4
CTI 150	Identity and Society	2
		TOTAL: 15

SPRING 1		
Course Number	Course Name	Credit Hours
MAT 290	Bridges to Advanced Mathematics	4
Foreign Language	Language requirement based on placement exam	4
Diversity and Inclusion US	Elective based on course availability	4
Elective	Free Non-Math Elective of Students Choice	4
		TOTAL: 16

FALL 2		
Course Number	Course Name	Credit Hours
MAT 441 or MAT 447	Analysis or Abstract Algebra	4
MAT 450	Mathematics Research	1
CTI 400	CTI Capstone (or Mathematics Elective)	4
Diversity and Inclusion: Global	Elective based on course availability	4
		TOTAL: 14

SPRING 2		
Course Number	Course Name	Credit Hours
MAT ELE	Mathematics Elective of Student's Choice	4
MAT ELE (or CTI 400)	Mathematics Elective of Student's Choice (or CTI Capstone)	4
MAT 452	Senior Project	1
Elective	Free Non-Math Elective of Student's Choice	4
Elective	Free Non-Math Elective of Student's Choice	4
		TOTAL: 17

World Language Requirement for students whose primary major will lead to a BA degree:

Students who have completed a level-2 language course (e.g., Spanish 2, French 2, Latin 2, ...) or higher in high school and who wish to continue study in the same language must complete the first intermediate-level course (the 211 course at Jewell) or its equivalent or a more advanced course in the same language. Students who have not completed a level-2 language course in high school or who wish to study a new language must complete at least a second introductory-level course (the 112 course at Jewell).

Disclaimer: All statements in this publication concerning course offerings and requirements are subject to constant review and change based on the needs of the college and related department(s). The content on this document is provided for informational purposes and does not substitute for formal academic advising or constitute a contract.