

MATHEMATICS TEACHER EDUCATION (60 Credits)**Guided Pathway: Associate of Arts; Concentration: Mathematics Teacher Education (FULL TIME).**

For more information, visit www.fgc.edu and your academic advisor.

Meta-major: **Education**

University Transfer: **FGCU, FAU, UCF, USF (UF – must major in subject area)**

The **Associate of Arts** degree is a collegiate degree program consisting of lower-division courses intended for transfer to baccalaureate programs at the universities listed aboveⁱⁱ. This plan is for those who are interested in earning a baccalaureate degree in **Mathematics Teacher Education**.

This is the sequence of courses for students interested in majoring in **Mathematics Teacher Education** at one of the universities listed above. It does not represent a contract, nor does it guarantee course availability or entry into your university of choice. This pathway presents classes needed for your baccalaureate degree in **Mathematics Teacher Education**. Courses that complete the degree are listed below. As always, visit your academic advisor each semester to help you keep on track for graduation.

Note: All AA degrees must satisfy the Foreign Language requirement for graduation. Please see catalog

**FULL-TIME
PATHWAY****SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS**

SEMESTER 1		ACTION ITEMS	
ENC 1101 – Freshman Composition I ^{iv} (Communication core)		<ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.REQUIRED: Complete the <i>Computer Competency course</i> within Canvas.Signup for and pass the Florida Civic Literacy Exam.Consult your advisor to make sure you have met <i>the Foreign Language requirement</i>.At the end of the semester, begin research on college and universities where you want to seek to transfer. Meet with a career advisor/coach to research your career options with a degree in <i>Mathematics Teacher Education</i>.Remember to start collecting artifacts from your courses for your Academic & Career Portfolio in SLS 2370.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)	
Choose one: AMH 2020 – US History from 1865 OR POS 1041 – American Government ^{iv} (Social Science & civic literacy)			
MAC 1105 – College Algebra ^{iv v} (Mathematics core) **			
Choose one: PSY 2012 – General Psychology OR SYG 1000 – Introduction to Sociology OR SYG 2300 – Introduction to Social Psychology OR Any DEP, ANT, or ECO course (Social Science)			
Choose one: Any general education CHM OR PHY class OR AST 1002 – Astronomy OR EVR 1001 – Intro to Environmental Science (Physical Science Core)*** (3-4 cr)			
TOTAL SEMESTER CREDIT HOURS: 15-16			
SEMESTER 2		ACTION ITEMS	
MAC 1140 – Precalculus ^{iv v} (Mathematics core)		<ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.Ask about transfer advising to discuss options to pursue the bachelor's degree.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370.	
MAC 1114 - Trigonometry ^{iv v} (Elective Prerequisite)			
EDF 1005 – Introduction to Teaching (Elective Prerequisite)			
ENC 1102 – Freshman Composition II (Communication)			
TOTAL SEMESTER CREDIT HOURS: 12			
SEMESTER 3		ACTION ITEMS	
MAC 2311 – Calculus I ^{iv} (Elective Prerequisite) (4 cr)		<ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.Ask about transfer advising to discuss options to pursue the bachelor's degree.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)Check with your advisor for important deadlines and datesContinue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370	
Choose one: LIT 2000 – Introduction to Literature OR Any general education AML, ENL, LIT, PHI or REL courses (Humanities) ^{iv}			
TOTAL SEMESTER CREDIT HOURS: 7			

SEMESTER 4	ACTION ITEMS
SLS 2370 – Personal Academic & Career Engagement ^{iv} (3rd Soc Sci)	<ul style="list-style-type: none">Begin applying to your top choice universities.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)Check with your advisor for important deadlines and dates
Choose one: SPC 2608 – Public Speaking OR SPC 1017 – Oral Communications OR SPC 1061 – Introduction to Academic and Professional Speaking ^{iv} (Communications)	
MAC 2312 – Calculus II ^{iv} (Elective Prerequisite) (4 cr)	
EDF 2085 – Intro to Diversity for Educators (Elective Prerequisite)	
TOTAL SEMESTER CREDIT HOURS: 13	
SEMESTER 5	ACTION ITEMS
MAC 2313 – Calculus III ^{iv} (Elective Prerequisite) (4 cr)	<ul style="list-style-type: none">After reviewing your final program of study, apply for Graduation.<ul style="list-style-type: none">Meet with your advisor to apply for the degree.Sign up for commencement.Request final transcripts to be sent to the college or university to where you will transfer.Congratulations, graduate!
EME 2040 – Intro to Technology for Educators (Elective Prerequisite)	
Choose one: Any general education BSC course OR BOT 2010C – Botany OR MCB 2010/L – Microbiology OR ZOO 2010C – Zoology (Biological Science)*** (3-4 cr)	
Choose one: MUL 1010 – Music Appreciation OR THE 2000 – Theatre Appreciation OR ARH 1000 – Art Appreciation OR HUM 2020 – Introduction to Humanities ^{iv} (Humanities core)	
TOTAL SEMESTER CREDIT HOURS: 13-14	
AAMD DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS PATHWAY TOTAL: 61-62 CREDIT HOURS	

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered the college on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by FGC to award the degree.

ⁱⁱⁱ This is not an official degree plan. For official degree requirements, [click here](#).

^{iv} You must earn a grade of "C" or better in all Gordon Rule classes.

***One science MUST have lab

MATHEMATICS TEACHER EDUCATION (60 Credits)**Guided Pathway: Associate of Arts; Concentration: Mathematics Teacher Education (PART TIME).**For more information, visit www.fgc.edu and your academic advisor.Meta-major: **Education**University Transfer: **FGCU, FAU, UCF, USF (UF – must major in subject area)**

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PATHWAY****SEMESTER BY SEMESTER MAP FOR PART-TIME STUDENTS**

SEMESTER 1		ACTION ITEMS
ENC 1101 – Freshman Composition I ^{iv} (Communication core)	<ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.REQUIRED: Complete the Computer Competency course within Canvas.Consult your advisor to make sure you have met the Foreign Language requirement.Remember to start collecting artifacts from your courses for your Academic & Career Portfolio in SLS 2370.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)	
MAC 1105 – College Algebra ^{iv v} (Mathematics core)		
Choose one: MUL 1010 – Music Appreciation OR THE 2000 – Theatre Appreciation OR ARH 1000 – Art Appreciation OR HUM 2020 – Introduction to Humanities ^{iv} (Humanities core)		
TOTAL SEMESTER CREDIT HOURS: 9		
SEMESTER 2		ACTION ITEMS
Choose one: Any general education BSC course OR BOT 2010C – Botany OR MCB 2010/L – Microbiology OR ZOO 2010C - Zoology (Biological Science)*** (3-4 cr)	<ul style="list-style-type: none">At the end of the semester, begin research on college and universities where you want to seek to transfer. Meet with a career advisor/coach to research your career options with a degree in Mathematics Teacher Education.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370.	
MAC 1140 – Precalculus ^{iv v} (Mathematics)		
ENC 1102 – Freshman Composition II ^{iv} (Communication)		
TOTAL SEMESTER CREDIT HOURS: 9		
SEMESTER 3		ACTION ITEMS
MAC 1114 - Trigonometry ^{iv v} (Elective prerequisite)	<ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.Signup for and pass the Florida Civic Literacy Exam.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)	
Choose one: AMH 2020 – US History from 1865 OR POS 1041 – American Government ^{iv} (Social Science & civic literacy)		
Choose one: SPC 2608 – Public Speaking OR SPC 1017 – Oral Communications OR SPC 1061 – Introduction to Academic and Professional Speaking ^{iv} (Communications)		
TOTAL SEMESTER CREDIT HOURS: 9-10		
SEMESTER 4		ACTION ITEMS
MAC 2311 – Calculus I ^{iv} (Elective Prerequisite) (4 cr)	<ul style="list-style-type: none">Meet with your advisor and ask about transfer advising to discuss options to pursue the bachelor’s degree.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370.	
EDF 1005 – Introduction to Teaching (Elective Prerequisite)		
TOTAL SEMESTER CREDIT HOURS: 7		

SEMESTER 5	ACTION ITEMS
MAC 2312 – Calculus II ^{iv} (Elective Prerequisite) (4 cr)	<ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.Meet with a career advisor/coach to research your career options.Continue collecting artifacts from your courses for your Academic & Career Portfolio in SLS 2370.
Choose one: LIT 2000 – Introduction to Literature OR Any general education AML, ENL, LIT, PHI or REL courses (Humanities) ^{iv}	
EDF 2085 – Intro to Diversity for Educators (Elective Prerequisite)	
TOTAL SEMESTER CREDIT HOURS: 11	
SEMESTER 6	ACTION ITEMS
MAC 2313 – Calculus III ^{iv} (Elective Prerequisite) (4 cr)	<ul style="list-style-type: none">Begin applying to your top choice universities.Begin applying for Financial Aid and Scholarships.<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)Check with your advisor for important deadlines and dates.
Choose one: PSY 2012 – General Psychology OR SYG 1000 – Introduction to Sociology OR SYG 2300 – Introduction to Social Psychology OR Any DEP, ANT, or ECO course (Social Science)	
SLS 2370 – Personal Academic & Career Engagement ^{iv} (3rd Soc Sci)	
TOTAL SEMESTER CREDIT HOURS: 10	
SEMESTER 7	ACTION ITEMS
Choose one: Any general education CHM OR PHY class OR AST 1002 – Astronomy OR EVR 1001 – Intro to Environmental Science (Physical Science Core)*** (3-4 cr)	<ul style="list-style-type: none">After reviewing your final program of study, apply for Graduation.<ul style="list-style-type: none">Meet with your advisor to apply for your degree.Sign up for commencement.Request final transcripts to be sent to the college or university to where you will transfer.Congratulations, graduate!
EME 2040 – Intro to Technology for Educators (Elective Prerequisite)	
TOTAL SEMESTER CREDIT HOURS: 6-7	
AAMD DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS PATHWAY TOTAL: 61-62 CREDIT HOURS	

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ⁱⁱ Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by FGC to award the degree.

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^{iv} You must earn a grade of "C" or better in all Gordon Rule classes.

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