

This Bachelor of Science degree program is designed for students who plan to earn a degree in Middle School Mathematics at Chipola College.

ACADEMIC PLAN: Bachelor of Science Degree

Middle School Mathematics Education (5-9) Chipola College

Code 1062/4015 **Program Length** 60/60 credits

2020-2021

For more information
Contact:
Student Affairs
Chipola College
(850) 718-2266

For additional program information, visit the [Chipola website](#).

Possible job opportunities for students with this major include middle school math teacher, math test item writer, adult education teacher, workbook author, math editor for educational publisher, statistician, computer & EDP systems.

For more information, please visit the [Occupational Outlook Handbook](#) website.

Entrance Requirements

A minimum GPA of 2.5 is required. Applicants must have an AA degree and present passing scores on all parts of the general knowledge portion of the FTCE for admission to the Baccalaureate program.

Applicants must complete a self-disclosure form that requires them to respond to any personal criminal background information; they must also be fingerprinted and submit a background check.

All first time in college (Fall 2014 and beyond) students are required to successfully complete two years of the same foreign language in high school or two semesters of the same foreign language at the college level before the associate degree is



FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101 ¹	English Composition I	3	ENC 1102 ¹	English Composition II	3
MAC 1105 ^{2,3}	College Algebra		MAC 1140 ^{2,3}	Precalculus	
or XXX XXXX ^{4,9}	or ELECTIVE	3	or XXX XXXX ^{4,9}	or ELECTIVE	3
XXX XXXX ¹	NATURAL SCIENCE CORE	3	XXX XXXX ¹	HUMANITIES CORE	3
EDF 1005 ²	Intro to Teaching Profession	3	EME 2040 ¹²	Intro to Technology for Educators	3
SLS 1401	Career and Life Planning	1	XXX XXXX ¹	NATURAL SCIENCE	3
SLS 1101	Orientation	1			
TOTAL		14	TOTAL		15

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX ¹	GORDON RULE WRITING	3	XXX XXXX ¹	GORDON RULE WRITING	3
MAC 1114 ^{2,3}	Trigonometry		EDG 2370	Intro to Teaching Reading/Lang Arts	3
or XXX XXXX ^{4,9}	or ELECTIVE	3	XXX XXXX ^{1,11}	SOCIAL SCIENCE	3
EDF 2085 ^{12,5}	Intro to Diversity for Educators	3	MAC 131 ^{12,3}	Calculus & Analytical Geometry I	4
PSY 2012	General Psychology	3	MGF 1107 ^{2,7}	Mathematics for Liberal Arts II	
SPC 2608 ⁶	Effective Public Speaking	3	or XXX XXXX ^{4,8}	or ELECTIVE	3
TOTAL		15	TOTAL		16

While academic advisors, faculty and staff provide significant academic planning and related assistance to students, completion of all degree requirements, and the process of monitoring progress to that end, is ultimately the responsibility of the student.

¹ See General Education requirements in the Current Chipola College Catalog.

² Major courses; must be completed with a grade of "C" or better.

³ A minimum of six semester hours of mathematics are required. If less than nine hours of math are taken, another general education course is required.

⁴ MAT 2905, Mathematics through Tutoring, is suggested for the elective credit. This course may be repeated if the student needs additional hours after completing all required courses.

⁵ Completion of EDF 2085, TSL 3520, and MHF 4404 meets the diversity requirement only for Chipola. For transfer to other institutions, refer to the "Courses with International or Diversity Focus" in the Chipola Catalog.

⁶ Upon departmental approval, students may substitute SPC 2017 for SPC 2608; 1 additional hour of elective may be required.

⁷ MGF 1107 must be taken if student places directly into MAC 1311.

⁸ Suggested Electives: EDG 2316 or EDG 2370 or MAT 2905.

⁹ MAC 2312 must be taken if student places directly into MAC 1311.

¹⁰ Or department approved Mathematics course.

¹¹ **All first-time-in-college students (Fall 2018 and beyond) are required to demonstrate competency in civic literacy through one of the following options:**

1) successfully passing either POS 2041 American Federal Government or AMH 2020 American History Since 1865, or 2) achieving the standard score on AP Government and Politics: United States, AP United States History or CLEP: American Government.

¹² Strongly Suggested Course.

JUNIOR YEAR

Fall Semester		Sem. Hrs.	Spring Semester		Sem. Hrs.
EDF 3214	Human Development & Learning	3	RED 3009	Early & Emergent Literature	3
TSL 3520 ¹	Lang. and Cultural Understanding	3	RED 3360	Teach. Reading in Mid/Sec Schools	3
MAE 3320	Teach. Methods in Mid. Sch. Math	3	MAE 4330	Teach Methods in Sec Sch Math	3
MAE 3940	Teach. Mid. Sch. Math Practicum	1	MAE 4941	Teach Sec Sch Math Practicum	1
XXX XXXX	Mathematics Elective ²	3-4	XXX XXXX	Mathematics Elective ²	3-4
MAE 3816	Elements of Geometry	3	STA 2023	Introduction to Statistics	3
SLS 3355L	Orientation to BS in Education Program	0	MAT 2905 ³	Math through Tutoring	1
Total 16-17			Total 17-18		

SENIOR YEAR

Fall Semester		Sem. Hrs.	Spring Semester		Sem. Hrs.
EDG 4940	Internship I	3	EDG 4936	Senior Seminar	3
EDG 4410	Classroom Mgt. & Communication	3	EDG 4941	Internship II	9
MHF 4404 ¹	History of Mathematics	3			
MAE 4815	Elements of Algebra	3			
EDF 4330	Measure & Evaluation in Classroom	3			
TOTAL			TOTAL		
15			12		

¹ Completion of EDF 2085, TSL 3520, and MHF 4404 meets the diversity requirement only for Chipola. For transfer to other institutions, refer to the "Courses with International or Diversity Focus" in the Chipola Catalog.

² MGF 1107, MAC 2312, Or department approved Mathematics course.

³ MAT 2905 should only be taken if the student needs additional mathematics elective credit.

To earn a baccalaureate degree from Chipola College, a minimum of 120 semester hours must be completed. At least forty (40) of those hours must be in courses numbered 3000 and above. A minimum of thirty (30) of the (40) hours must be in residence at Chipola College. A total of sixty (60) semester hours of the work credited toward the baccalaureate degree must be earned in an accredited senior institution. Education courses must be completed with a grade of "C" or better.