

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

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

Possible job opportunities for a mathematics education major include middle or high school math teacher, math test item writer, adult education teacher, workbook author, loan counselor, math editor for educational publisher, financial analyst, actuary, statistician, operations research analyst, insurance underwriter, sales representative, computer & EDP systems, technical writer.

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

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.

ACADEMIC PLAN: Bachelor of Science Degree

Secondary Education Mathematics (6-12) Chipola College

Code 1067/4010 Program Length 60/60credits

2020-2021

For more information
Contact:

Student Affairs
Chipola College
(850) 718-2266



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 awarded. Home School students must demonstrate competency through competency testing.

FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101 ¹	English Composition I	3	ENC 1102 ¹	English Composition II	3
STA 2023	Intro to Statistics	3	XXX XXXX ¹	NATURAL SCIENCE CORE	3
MAC 1140 ²	Pre calculus Algebra		EME 2040 ⁹	Intro to Technology for Educators	3
or XXX XXXX ^{3,7}	or ELECTIVE	3	XXX XXXX ^{1,8}	SOCIAL SCIENCE	3
EDF 1005 ²	Intro to Teaching Profession	3	MAC 1114 ²	Plane Trigonometry	
SLS 1401	Career and Life Planning	1	or XXX XXXX ^{3,7}	or ELECTIVE	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 1311 ²	Calculus & Analytical Geometry I	4	MAC 2312 ²	Calculus & Analytical Geometry II	4
EDF 2085 ^{4,9}	Intro to Diversity for Educators	3	EDG 2370 ⁹	Intro to Teaching Reading/Lang Arts	3
XXX XXXX ¹	NATURAL SCIENCE	3	SPC 2608 ⁵	Effective Public Speaking	3
PSY 2012	General Psychology	3	XXX XXXX ¹	HUMANITIES CORE	3
			MAT 2905	Math Through Tutoring	1
TOTAL		16	TOTAL		17

¹ See General Education Requirements in the current Chipola College Catalog.

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

³ EDG 2316 Intro to Teaching Math & Science or EDG 2370 Intro to Teaching Reading & Lang are suggested for the elective credits.

⁴ 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.

⁵ Upon departmental approval, students may substitute SPC 2017 for SPC 2608; 1 additional hour of elective may be needed.

⁶ Or department-approved mathematics course.

⁷ 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.

⁸ **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.

⁹ Strongly Suggested Course.

JUNIOR YEAR

Fall Semester		Sem. Hrs.	Spring Semester		Sem. Hrs.
EDF 3214	Human Development & Learning	3	RED 3009	Early & Emergent Literacy	3
TSL 3520 ¹	Language 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 School Math	3
MAE 3940	Teach. Mid. Sch. Math Practicum	1	MAE 4941	Teach Sec Sch Math Practicum	1
MTG 3212	Modern Geometries	3	MAP 2302	Differential Equations	3
MAS 3105	Linear Algebra	3	MAC 2313	Calculus & Analytical Geometry III	4
SLS 3355L	Orientation to BS in Education Program	0			
TOTAL		16	TOTAL		17

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 ²	History of Mathematics	3			
MAS 4203 ²	Number Theory	3			
EDF 4430	Measurement and Evaluation	3			
TOTAL		15	TOTAL		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 Or department-approved mathematics course.

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