

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

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.

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



Middle School Mathematics (5-9) Chipola College

Code 1062/4015 Program Length 60/60 credits

2015-2016

For more information
Contact:

Student Affairs
Chipola College



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
MAC 1105 ^{2,3}	College Algebra		MAC 1140 ^{2,3}	Precalculus	
or XXX XXXX ^{4,5}	or ELECTIVE	3	or XXX XXXX ⁴	or ELECTIVE	3
XXX XXXX ⁸	NATURAL SCIENCE CORE	3	XXX XXXX ⁹	HUMANITIES CORE	3
XXX XXXX	SOCIAL SCIENCE	3	EME 2040 ²	Intro to Technology for Educators	3
EDF 1005 ²	Intro to Teaching Profession	3	XXX XXXX	NATURAL SCIENCE	3
SLS 1101	Orientation	1			
TOTAL		16	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		MAT 2905 ⁴	Mathematics through Tutoring	
or XXX XXXX ⁴	or ELECTIVE	3	or XXX XXXX ⁵	or ELECTIVE	3
EDF 2085 ^{2,5}	Intro to Diversity for Educators	3	MAC 1311 ^{2,3}	Calculus & Analytical Geometry I	4
PSY 2012	General Psychology	3	MGF 1107 ^{3,7}	Mathematics for Liberal Arts II	
SPC 2608 ⁶	Effective Public Speaking	3	or XXX XXXX ⁴	or ELECTIVE	3
			XXX XXXX	ELECTIVE	1-3
TOTAL		15	TOTAL		14-16

¹ Twelve (12) hours of Gordon Rule Writing are required. In addition to ENC 1101 and ENC 1102, choose from the following courses to complete the 12 hour requirement: AML 2010, AML 2020, ENC 2210, ENL 2012, ENL 2022, HUM 1020, HUM 2020, SPT 2521, or ENC 1133.

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 if the student places directly into MAC 1311 Calculus I. 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; 2 additional hours of elective may be required.

⁷ MGF 1107 must be taken if student places directly into Calculus I.

⁸ Must choose one course from the following: AST 1002, BSC 1005, BSC 2010, BSC 2085, CHM 1045, ESC 1000, EVR 1001, PHY 1053C, PHY 2048C, PSC 1121

⁹ Choose one of the following: ARH 1000, MUL 2010, THE 1000.

JUNIOR YEAR

Fall Semester			Spring Semester		
		Sem. Hrs.			Sem. Hrs.
EDF 3214	Human Development & Learning	3	RED 3009	Early & Emergent Literature	3
MAE 3320	Teach. Methods in Mid. Sch. Math	3	RED 3360	Teach. Reading in Mid/Sec Schools	3
MAE 3940	Teach. Mid. Sch. Math Practicum	1	STA 2023	Introduction to Statistics	3
MAE 3816	Elements of Geometry	3	MGF 1106	Math for Liberal Arts I	3
TSL 3520 ⁵	Lang. and Cultural Understanding	3	MAT 2905	Math through Tutoring	3
			TSL 4081 ^{5,8}	TESOL issues & Practices	3
TOTAL		13	TOTAL		18

SENIOR YEAR

Fall Semester			Spring Semester		
		Sem. Hrs.			Sem. Hrs.
EDG 4410	Classroom Mgt. & Communication	3	MAE 4945	Student Teaching in Mathematics	10
EDF 4430	Measure. & Evaluation in the Classroom	3	MAE 4943	Seminar in Mathematics Education	3
MAE 4815 ⁹	Elements of Algebra	3			
MHF 4404 ⁵	History of Mathematics	3			
MAE 4330	Teach. Methods in Sec. Sch. Math.	3			
MAE 4941	Teach. Sec. Sch. Math Practicum	1			
TOTAL		16	TOTAL		13

⁸ Can be taken in Summer II if student has not completed TSL 3520.

⁹ 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.