

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](#).

The courses listed on this guide are not to be construed as a contract between the student and Chipola. Course requirements may change each year. You are encouraged to work closely with your advisor.

Bachelor of Science Degree



Middle School Mathematics (5-9)

Chipola College

Code Program Length

1067 120 credits

Entrance Requirements

A minimum GPA of 2.5 is required. Applicants must pass all four parts of the CLAST exam. If the CLAST requirement is satisfied with an alternative method, then applicants must present passing scores on all parts of the general knowledge portion of the FTCE for admission to the 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.

If two years of high school credit in the same foreign language have been completed, the graduation requirement for a baccalaureate degree in Florida is satisfied. If not, two semesters of the same foreign language must be completed at Chipola before earning the baccalaureate degree.

FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101	Communication Skills I	4	ENC 1102	Communication Skills II	4
MAC 1105 ⁵	College Algebra		MAC 1140 ⁵	Precalculus	
or XXX XXXX ^{1,6}	or ELECTIVE	3	or XXX XXXX ^{1,6}	or ELECTIVE	3
XXX XXXX	NATURAL SCIENCE	3	XXX XXXX	HUMANITIES	3
EDF 1005 ⁵	Introduction to Education	3	EME 2040 ⁵	Intro. to Educational Technology	3
SLS 1101 & SLS 1106	Orientation & FYLE (01/2009)	2	XXX XXXX	NATURAL SCIENCE	3
TOTAL		15	TOTAL		16

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX ²	GORDON RULE WRITING	4	XXX XXXX	SOCIAL SCIENCE	3
MAC 1114 ⁵	Trigonometry		MAT 2905 ¹	Mathematics through Tutoring	
or XXX XXXX ^{1,6}	or ELECTIVE	3	or XXX XXXX ⁶	or ELECTIVE	3
EDG 2701 ^{5,6}	Teaching Diverse Populations	3	MAC 1311 ⁵	Calculus & Analytical Geometry I	4
PSY 2012	General Psychology	3	MGF 1107 ⁴	Mathematics for Liberal Arts II	
SPC 2600 ³	Effective Public Speaking	3	or XXX XXXX ^{1,6}	or ELECTIVE	3
TOTAL		16	TOTAL		13

¹ 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.

² Choose 4 hours from the following: AML 2010, AML 2020, ENL 2012, ENL 2022, ENC 1133, HUM 2216, HUM 2233, or SPT 2521.

³ Upon departmental approval, students may substitute SPC 2016 for SPC 2600.

⁴ MGF 1107 must be taken if student places directly into Calculus I.

⁵ Major courses; must be completed with a grade of "C" or better.

⁶ Six hours of diversity courses are required in addition to EDG 2701. Choose from: AMH 2091, AMH 2092, ARH 1000, ASH 1044, FRE 1120, FRE 1121, FRE 2220, FRE 2221, GEA 2001, GEA 2002, MUL 2010, REL 2300, SPN 1120, SPN 1121, SPN 2220, SPN 2221, SPN 1170, SPT 2521, SYG 1010, TSL 3520, WOH 2012, WOH 2022.

2008-2009

For more information
Contact:

Student Services
Chipola College
(850) 718-2266



JUNIOR YEAR

Fall Semester			Sem. Hrs.	Spring Semester			Sem. Hrs.
EDF 3214 ⁵	Human Development & Learning	3		TSL 3520 ⁵	Language and Cultural Understanding	3	
MGF 1106 ^{5,7}	Mathematics for Liberal Arts I	3		EME 3410 ⁵	Integrating Tech. in the Classroom	3	
MAE 3320 ⁵	Teach. Methods in Mid. Sch. Math	3		RED 3360 ⁵	Teach. Reading in Mid/Sec Schools	3	
MAE 3940 ⁵	Teach. Mid. Sch. Math Practicum	1		EDG 3343 ⁵	Instructional Strategies	3	
MAE 3816 ⁵	Elements of Geometry	3		STA2122 ⁵	Statistics for Beh./Soc. Sciences	3	
MAT 2905 ^{1,5,8}	Mathematics through Tutoring	3					
TOTAL			16	TOTAL			15

SENIOR YEAR

Fall Semester			Sem. Hrs.	Spring Semester			Sem. Hrs.
EDG 4410 ⁵	Classroom Mgt. & Communication	3		MAE 4945 ⁵	Student Teaching in Mathematics	10	
EDF 4430 ⁵	Measure. & Eval. in Classroom	3		MAE 4943 ⁵	Seminar in Mathematics Education	3	
MAE 4815 ^{5,7}	Elements of Algebra	3					
MHF 4404 ⁵	History of Mathematics	3					
MAE 4330 ⁵	Teach. Methods in Sec. Sch. Math.	3					
MAE 4941 ⁵	Teach. Sec. Sch. Math Practicum	1					
TOTAL			16	TOTAL			13

⁷ Or department-approved mathematics course.

⁸ Or department-approved mathematics related course in science or computer science.

To earn a baccalaureate degree from Chipola College the following *requirements* must be met:

At least forty (40) semester hours in courses numbered 3000 and above must be earned; at least thirty (30) of the forty (40) hours must be earned in residence at Chipola College; and a total of sixty (60) semester hours of the work credited toward the baccalaureate degree must be earned in an accredited senior institution.