

Bachelor of Science Degree



Middle School Mathematics (5-9)

Chipola College

Code **Program Length**

1067 120 credits

2006-2007

For more information
Contact:

Student Services
Chipola College
(850) 718-2266



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.

Entrance Requirements

A minimum GPA of 2.5 and passing scores on all parts of CLAST are required for admission.

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

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.

All major courses appear in bold print.

FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101	Communication Skills I	4	ENC 1102	Communication Skills II	4
MAC 1105	College Algebra		MAC 1140	Precalculus	
or XXX XXXX ¹	or ELECTIVE	3	or XXX XXXX ¹	or ELECTIVE	3
XXX XXXX	NATURAL SCIENCE	3	XXX XXXX	HUMANITIES	3
EDF 1005	Introduction to Education	3	EME 2040	Intro. to Educational Technology	3
SLS 1101	Orientation	1	XXX XXXX	NATURAL SCIENCE	3
TOTAL		14	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	Trigonometry		MAT 2905 ¹	Mathematics through Tutoring	
or XXX XXXX ¹	or ELECTIVE	3	or XXX XXXX	or ELECTIVE	3
EDG 2701	Teaching Diverse Populations	3	MAC 1311	Calculus & Analytical Geometry I	5
PSY 2012	General Psychology	3	MGF 1107 ⁴	Mathematics for Liberal Arts II	
SPC 2600 ³	Effective Public Speaking	3	or XXX XXXX	or ELECTIVE	3
TOTAL		16	TOTAL		14

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.

JUNIOR YEAR

Fall Semester			Sem. Hrs.	Spring Semester			Sem. Hrs.
EDF 3214	Human Development & Learning	3		TSL 3080	ESOL Issues: Principles & Practices	3	
MGF 1106 ⁵	Mathematics for Liberal Arts I	3		EME 3410	Integrating Tech. in the Classroom	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		EDM 3001	Introduction to the Middle School	3	
MAE 3816	Elements of Geometry	3		STA 2023	Introduction to Statistics	3	
MAT 2905 ¹	Mathematics through Tutoring	3					
TOTAL			16	TOTAL			15

SENIOR YEAR

Fall Semester			Sem. Hrs.	Spring Semester			Sem. Hrs.
EDG 4410	Classroom Mgt. & Communication	3		MAE 4945	Student Teaching in Mathematics	10	
EDF 4430	Measure. & Eval. in Classroom	3		MAE 4943	Seminar in Mathematics Education	3	
MAE 4815 ⁵	Elements of Algebra	3					
MHF 4404	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

⁵ Or department-approved mathematics course.

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.