

Bachelor of Science Degree
Middle School Education - Mathematics
Chipola College



Code **Program Length**
 121 credits

2004-2005

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 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](#).

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	3	MAC 1140	Precalculus	3
BSC 1005	Introduction to Biological Science	3	XXX XXXX	HUMANITIES	3
EDF 1005	Introduction to Education	3	EME 2040	Intro. to Educational Techology	3
SLS 1101	Orientation	1	GLY 1001	Introduction to Earth Science	
TOTAL		14	TOTAL		16

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
HUM 2216 or 2233	Humanities with Writing	4	XXX XXXX ¹	SOCIAL SCIENCE	3
MAC 1114	Trigonometry	3	MAT 2905 ²	Mathematics through Tutoring	1-3
EDG 2701	Teaching Diverse Populations	3	MAC 1311	Calculus & Analytical Geometry I	5
PSY 2012	General Psychology	3	PSC 1121 & 1121L	Intro. to Physical Science with Lab	4
SPC 2016	Speech Communication for Educators		AMH 2010 or 2020	American History I or II	3
or SPC 2600	or Effective Public Speaking	1/3			
TOTAL		14/16	TOTAL		16-18

¹ Chipola Education majors must complete three (3) hours of international/diversity course work in addition to EDG 2701 and TSL 3080.

² MAT 2905 may be repeated during the Junior or Senior year if a student needs additional hours after completing all required courses.

JUNIOR YEAR

Fall Semester		Sem. Hrs.	Spring Semester		Sem. Hrs.
EDF 3214 ³	Human Development & Learning	3	TSL 3080	ESOL Issues: Principles & Practices	3
MGF 1106	Mathematics for Liberal Arts I		EME 3410	Integrating Tech. in the Classroom	3
or MAC 2312 ⁴	or Cal. & Anal. Geometry II	3-4	RED 3360	Teach. Reading in Mid/Sec Schools	3
MAE 3320	Teach. Methods in Mid. Sch. Math	3	EDM 3001	Introduction to the Middle School	3
MAE 3940	Teach. Mid. Sch. Math Practicum	1	STA 2023	Introduction to Statistics	3
MTG 3815	Elements of Geometry	3			
TOTAL		13-14	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 4816	Elements of Algebra				
or MAC 2313 ⁴	or Cal. & Anal. Geometry III	3-4			
MHF 4404	History of Mathematics	3			
MAE 4330	Teach. Methods in Sec. Sch. Math.	3			
MAE 4941	Teach. Sec. Sch. Math Practicum	1			
TOTAL		16-17	TOTAL		13

³ EDF 3214 satisfies three hours of the 12 hour Social Science requirement for teacher education programs.

⁴ 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.