

Bachelor of Science Degree
Secondary Education - Mathematics
Chipola College



Code **Program Length**
 1067 120 credits

Entrance Requirements

This is a limited access program.

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 a student has completed two years of high school credit in the same foreign language, he/she meets the graduation requirement for a baccalaureate degree in Florida. If not, the student must complete two semesters of the same foreign language 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 1311¹	Calculus & Analytical Geometry I	5	MAC 2312	Calculus & Analytical Geometry II	4
BSC 1005	Intro to Biological Science	3	XXX XXXX	HUMANITIES	3
EDF 1005	Intro to Education	3	EME 2040	Intro. to Educational Techology	3
SLS 1101	Orientation	1			
TOTAL		16	TOTAL		14

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
HUM 2216 or 2233	Humanities with Writing	4	SPC 2016	Speech Communication for Educators	1
MAC 2313	Calculus & Analytical Geometry III	4	XXX XXXX ²	SOCIAL SCIENCE	3
EDG 2701	Teaching Diverse Populations	3	CGS 2415	Programming Languages for Educators	3
GLY 1001	Intro to Earth Science	3	PSC 1121 & 1121L	Intro. to Physical Science with Lab	4
PSY 2012	General Psychology	3	AMH 2010 or 2020	American History I or II	3
TOTAL		17	TOTAL		14

¹ MAC 1140 and MAC 1114 are prerequisites for MAC 1311.

² Chipola Education majors must complete three (3) hours of international/diversity course work in addition to EDG 2701 and TSL 3080. Consult with [Dr. Kitty Myers](#) or [Dr. Lou Cleveland](#) concerning this requirement.

2003-2004

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 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](#).

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.



JUNIOR YEAR

Fall Semester		Sem. Hrs.	Spring Semester		Sem. Hrs.
EDF 3214 ³	Human Development & Learning	3	TSL 3080	ESOL Issues: Principles & Practices	3
MAS 3105	Applied Linear Algebra	4	MAE 3651	Learning Math. with Technology	3
MAE 3320	Teach. Methods in Mid. Sch. Math	3	MAP 3302	Introduction to Ord. Diff. Equations	3
MAE 3940	Teach. Mid. Sch. Math Practicum	1	STA 2023	Introduction to Statistics	3
MTG 3212	Modern Geometries	3	RED 3360	Teach. Reading in Mid/Sec Schools	3
TOTAL		14	TOTAL		15

SENIOR YEAR

Fall Semester		Sem. Hrs.	Spring Semester		Sem. Hrs.
EDG 4410	Classroom Mgt. & Communication	4	MAE 4945	Student Teaching in Mathematics	10
EDF 4430	Measure. & Eval. in Classroom	3	MAE 4943	Seminar in Mathematics Education	3
MAS 4203	Number Theory	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		17	TOTAL		13

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