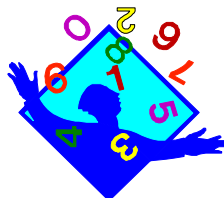


## Bachelor of Science Degree



# Secondary Education - Mathematics Chipola College

**Code**    **Program Length**  
1067    120 credits

# 2005-2006

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.**

## 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
<b>MAC 1311<sup>1</sup></b>	<b>Calculus &amp; Analytical Geometry I</b>	5	<b>MAC 2312</b>	<b>Calculus &amp; Analytical Geometry II</b>	4
BSC 1005	Intro to Biological Science	3	XXX XXXX	HUMANITIES	3
<b>EDF 1005</b>	<b>Intro to Education</b>	3	<b>EME 2040</b>	<b>Intro. to Educational Technology</b>	3
SLS 1101	Orientation	1			
<b>TOTAL</b>		16	<b>TOTAL</b>		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	
<b>MAC 2313</b>	<b>Calculus &amp; Analytical Geometry III</b>	4	or SPC 2600	or Effective Public Speaking	1/3
<b>EDG 2701</b>	<b>Teaching Diverse Populations</b>	3	MAT 2905	Mathematics through Tutoring	1-2
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
			XXX XXXX <sup>2</sup>	SOCIAL SCIENCE	3
<b>TOTAL</b>		17	<b>TOTAL</b>		12-15

<sup>1</sup> MAC 1140 and MAC 1114 are prerequisites for MAC 1311.

<sup>2</sup> Chipola Education majors must complete three (3) hours of international/diversity course work in addition to EDG 2701 and TSL 3080.

### JUNIOR YEAR

Fall Semester			Spring Semester		
		Sem. Hrs.			Sem. Hrs.
EDF 3214 <sup>3</sup>	Human Development & Learning	3	TSL 3080	ESOL Issues: Principles & Practices	3
MAS 3105	Applied Linear Algebra	4	EME 3410	Integrating Technology in the Classroom	3
MTG 3212	Modern Geometries	3	MAE 3651	Learning Math. with Technology	1
MAT 2905	Mathematics through Tutoring	1	MAP 2302	Differential Equations	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
TOTAL		15	TOTAL		16

### 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. & 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		16	TOTAL		13

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

**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.**