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.

Bachelor of Science Degree

Secondary Education Mathematics (6-12)
Chipola College

Entrance Requirements
A minimum GPA of 2.5 is required. Applicants must have an AA degree and present passing scores on all parts of the general knowledge portion of the FTCE for admission to the Baccalaureate 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

--- | --- | --- | ---
ENC 1101 Communication Skills I | 4 | ENC 1102 Communication Skills II | 4
MAC 1114A | Plane Trigonometry | 3 | MAC 1311 | Calculus & Analytical Geometry I | 4
or XXX XXXX | or ELECTIVE | | XXX XXXX | NATURAL SCIENCE | 3
MAC 1140A | Precalculus Algebra | 3 | EME 2040A | Intro to Technology for Educators | 3
or XXX XXXX | or ELECTIVE | | | | 
EDF 1005A | Intro to Teaching Profession | 3 | | |
SLS 1101 Orientation | 1 | | | |
TOTAL | 14 | TOTAL | 14

SOPHOMORE YEAR

--- | --- | --- | ---
XXX XXXX | GORDON RULE WRITING | 4 | SPC 2608 | Effective Public Speaking | 3
MAC 2312A | Calculus & Analytical Geometry II | 4 | MAC 2313 | Calculus & Analytical Geometry III | 4
EDF 2085A | Intro to Diversity for Educators | 3 | MAT 2905 | Mathematics through Tutoring | 
XXX XXXX | NATURAL SCIENCE | 3 | or XXX XXXX | ELECTIVE | 2-3
PSY 2012 | General Psychology | 3 | XXX XXXX | SOCIAL SCIENCE | 3
| | | | XXX XXXX | HUMANITIES | 3
TOTAL | 17 | TOTAL | 15-16

1 MAT 2905, Mathematics through Tutoring, is suggested for the elective credit if the student places directly into MAC 1311 Calculus I.
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 2017 for SPC 2608; 2 additional hours of elective may be needed.
4 Major courses; must be completed with a grade of “C” or higher.
### JUNIOR YEAR

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5 Or department-approved mathematics course.

6 MAT 2905 can be repeated during the Junior or Senior Year if a student needs additional hours after completing all required courses.

### SENIOR YEAR

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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.