This Bachelor of Science degree program is designed for students who plan to earn a degree in Secondary Education Biology (with Chemistry certification competencies) at Chipola College.

For additional program information, visit the Chipola website.

Possible job titles for students with this major include secondary school teacher, biology textbook author, editor, salesperson, science teaching specialist.

For more information, please visit The Occupational Outlook Handbook website.

The courses listed on this plan 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.

ACADEMIC PLAN: Bachelor of Science Degree
Secondary Education Biology (6-12)
(with Chemistry certification competencies)

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
BSC 2010 & 2010L² | Int. Principles of Biology I w/ Lab | 4 | BSC 2011 & 2011L² | Int. Principles of Biology II w/ Lab | 4
or CHM 1045 & 1045L² | or General Chemistry I w/ Lab | 4 | or CHM 1046 & 1046L² | or General Chemistry II w/ Lab | 4
XXX XXXX | MATHEMATICS | 3 | EDF 1005³ | Introduction to Teaching Profession | 3
XXX XXXX | ELECTIVE | 3 | XXX XXXX | HUMANITIES | 3
SLS 1101 | Orientation | 1 | STA 2023⁵ | Intro to Statistics | 3
TOTAL | 15 | TOTAL | 17

SOPHOMORE YEAR

--- | --- | --- | ---
XXX XXXX¹ | GORDON RULE WRITING | 4 | SPC 2608² | Effective Public Speaking | 3
BSC 2010 & 2010L² | Int. Principles of Biology I w/ Lab | 4 | BSC 2011 & 2011L² | Int. Principles of Biology II w/ Lab | 4
or CHM 1045 & 1045L² | or General Chemistry I w/ Lab | 4 | or CHM 1046 & 1046L² | or General Chemistry II w/ Lab | 4
SCE 2905 | Science Through Tutoring | 3 | EME 2040⁰ | Intro to Technology for Educators | 3
or XXX XXXX | ELECTIVE | 1 | XXX XXXX | SOCIAL SCIENCE | 3
PSY 2012 | General Psychology | 3 | TOTAL | 15 | TOTAL | 17
EDF 2085⁴ | Intro to Diversity for Educators | 3

1 Choose 4 hours from the following: AML 2010, AML 2020, ENL 2012, ENL 2022, ENC 1133, HUM 2216, HUM 2233, or SPT 2521.
2 Students may substitute SPC 2017 with department approval; 2 additional hours of elective may be required.
3 Major courses; must be completed with a grade of “C” or better.
4 Chipola requires 3 hrs. of diversity courses in addition to EDF 2085 and TSL 3520. Chipola courses that meet this requirement include: Social Science - ASH 1044, GEA 2001/2002, REL 2300, SYG 1010, WOH 2012/2022; Humanities - ARH 1000, MUL 2010, SPT 2521; Electives - AMH 2091/2093, FRE 1120/1121/2220/2221, SPN 1120/1121/2220/2221, SPN 1170.
5 If you have completed STA 2122, you have met this requirement. You cannot receive credit for both STA 2122 and STA 2023.
### JUNIOR YEAR

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### SENIOR YEAR

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<sup>3</sup> Or department approved science course.

<sup>4</sup> This course may be repeated if a student needs additional hours after completing all required courses.

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.