

This Bachelor of Science degree program is designed for students who plan to earn a degree in Middle School Science at Chipola College.

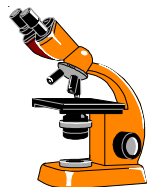
For additional program information, visit the [Chipola website](#).

Possible job titles for students with this major include middle school teacher, science teaching specialist.

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



Middle School Science (5-9)

Chipola College

Code **Program Length**
1073 120 credits

Entrance Requirements

A minimum GPA of 2.5 is required. Applicants must pass all four parts of the CLAST exam. If the CLAST requirement is satisfied with an alternative method, then applicants must present passing scores on the general knowledge section of the FTCE for admission to the program.

Applicants must complete a self-disclosure form that requires them to respond to any personal criminal background information; they must also be fingerprinted.

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
ESC 1000	Introduction to Earth Science	3	XXXXXX	SOCIAL SCIENCE	3
XXXXXX ¹	MATHEMATICS	3	EDG 2701	Teaching Diverse Populations	3
EDF 1005	Intro to Education	3	XXXXXX	HUMANITIES	3
SLS 1101	Orientation	1	STA 2122	Statistics for Beh./Soc. Sciences	3
TOTAL		14	TOTAL		16

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXXXXX ²	GORDON RULE WRITING	4	SPC 2600 ³	Effective Public Speaking	3
XXXXXX	ELECTIVE	3	EME 2040	Intro to Educational Technology	3
PSY 2012	General Psychology	3	AST 1002	General Astronomy	3
BSC 2010 & 2010L	Int. Princ. of Biology I w/ Lab		BSC 2011& 2011L	Int. Principles of Biology II w/ Lab	
or CHM 1045/1045L	or General Chemistry I w/ Lab		or CHM 1046/1046L	or General Chemistry II w/ Lab	
or PHY 1053C/1053L	or General Physics I w/ Lab	4	or PHY 1054C/1054L	or General Physics II w/ Lab	4
			XXXXXX ⁴	ELECTIVE	3
TOTAL		14	TOTAL		16

¹ Students who plan to take PHY 1053C/1054C should choose MAC 1114. Mathematics elective should meet prerequisite for STA2122.

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 2016.

⁴ SCE 2905, Science Through Tutoring, is suggested for the elective credit. This course may be repeated if the student needs additional hours after completing all required courses.

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For more information
Contact:

Student Services
Chipola College
(850) 718-2266



JUNIOR YEAR

Fall Semester		Sem. Hrs.	Spring Semester		Sem. Hrs.
EDF 3214	Human Development & Learning	3	TSL 3521	ESOL Issues: Principles & Practices	3
XXXXXX ⁵	NATURAL SCIENCE	3	EDG 3343	Instructional Strategies	3
SCE 3320	Teach. Meth. in Mid. Sch. Science	3	RED 3360	Teach. Reading in Mid/Sec Schools	3
SCE 3940	Teach. Mid. Sch. Science Pract.	1	EME 3410	Integrating Tech. in the Classroom	3
BSC 2010 & 2010L	Int. Princ. of Biology I w/ Lab		BSC 2011& 2011L	Int. Principles of Biology II w/ Lab	
or CHM 1045/1045L	or General Chemistry I w/ Lab		or CHM 1046/1046L	or General Chemistry II w/ Lab	
or PHY 1053C/1053L	or General Physics I w/ Lab	4	or PHY 1054C/1054L	or General Physics II w/ Lab	4
TOTAL		14	TOTAL		16

SENIOR YEAR

Fall Semester		Sem. Hrs.	Spring Semester		Sem. Hrs.
EDG 4410	Classroom Mgt. & Communication	3	SCE 4945	Student Teaching in Science	10
EDF 4430	Measure. & Eval. in Classroom	3	SCE 4943	Seminar in Science Education	3
SCE 4330	Teach. Methods in Sec. Science	3			
SCE 4941	Teach. Sec. Sch. Science Pract.	1			
PCB 4043C & 4043L	Ecology with Lab	4			
XXX 4905 ⁶	Supervised Research	3			
TOTAL		17	TOTAL		13

⁵ Students should choose a science class approved by the department in either the biological sciences, earth sciences or physical sciences not covered in the two sequenced laboratory classes that were completed in the curriculum guide.

⁶ Or department approved science 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.