

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

Code **Program Length**
120 credits

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.

2004-2005

For more information
Contact:

Student Services
Chipola College
(850) 718-2266



FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101	Communication Skills I	4	ENC 1102	Communication Skills II	4
GLY 1001	Introduction to Earth Science	3	XXX XXXX ¹	SOCIAL SCIENCE	3
MAC 1105 or 1140	College Algebra or Precalculus Alg.	3	EDG 2701	Teaching Diverse Populations	3
EDF 1005	Intro to Education	3	XXX XXXX	HUMANITIES	3
SLS 1101	Orientation	1	STA 2023	Introduction to Statistics	
			or MAC 1114	or Plane Trigonometry	3
TOTAL		14	TOTAL		16

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
SPC 2016	Speech Communication for Educators		HUM 2216 or 2233	Humanities with Writing	4
or SPC 2600	or Effective Public Speaking	1/3	AMH 2010 or 2020	American History I or II	3
MGF 1106	Math for Liberal Arts	3	EME 2040	Intro to Educational Technology	3
PSY 2012	General Psychology	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
PSC 1121	Intro to Physical Science				
or BSC 1005 ²	or Intro to Biological Science	3			
TOTAL		14/16	TOTAL		14

¹ Chipola Education majors must complete three (3) hours of international/diversity course work in addition to EDG 2701 and TSL 3080.

² Take PSC 1121 if BSC 2010/2011 sequence is selected; take BSC 1005 if CHM 1045/1046 or PHY 1053/1054 sequence is selected.

JUNIOR YEAR

Fall Semester		Sem. Hrs.	Spring Semester		Sem. Hrs.
EDF 3214 ³	Human Development & Learning	3	TSL 3080	ESOL Issues: Principles & Practices	3
SCE 3320	Teach. Meth. in Mid. Sch. Science	3	EDM 3001	Introduction to Middle School	3
SCE 3940	Teach. Mid. Sch. Science Pract.	1	RED 3360	Teach. Reading in Mid/Sec Schools	3
BSC 2010 & 2010L ⁴	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
AST 1002	General Astronomy	3	EME 3410	Integrating Tech. in the Classroom	3
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			
PCB 4043C & 4043L	Ecology with Lab	4			
XXX 4905 ⁵	Directed Individual Study	3			
SCE 4941	Teach. Sec. Sch. Science Pract.	1			
TOTAL		17	TOTAL		13

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

⁴ Choose a different sequence than that of lower division sequence.

⁵ 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.