

**FLORIDA SOUTHWESTERN STATE COLLEGE SCHOOL OF EDUCATION**  
**BS MIDDLE GRADES SCIENCE EDUCATION, Bachelor of Science**

Program Planning Worksheet 2013-2014

**NOTICE TO STUDENTS:** This document is not to be considered an official program of study but rather as a worksheet for preliminary planning purposes.  
 Students work with a program advisor to continually update their plan of study.

Student Name:	Student ID Number:
Foreign Language:   Met                      Needed	Prior AA:
Credit Hours:	GPA:

**DEGREE REQUIREMENTS**

General Education Requirements*	Credits	Met	Required Core Courses	Credits	Met
<b>Communications (9 Credits)*</b>			EDF 3214 Human Development and Learning	3	
ENC 1101 English Composition I	3		EDF 4782 Ethics and Law	2	
ENC 1102 English Composition II	3		EDG 3410 Classroom Management (15 hrs. FE)	3	
SPC 1017 SPC 2023 Speech	3		EDM 3230 Middle & Secondary Curric. & Instruct. (15 hrs. FE)	3	
<b>Humanities (6 Credits)*</b>			EDG 4004 Special Topics in Education	1	
HUM (Part A)	3		EEX 3012 Ed. Needs of Students w/ Exceptionalities(15 hrs. FE)	3	
	3		ESE 4323 Educational Assessment	3	
<b>Mathematics (6 Credits)*</b>			ISC 3120 Scientific Process (FGCU)	3	
	3		PCB 3043C General Ecology with Lab (FGCU)	3	
	3		RED 3324 Teaching Read - Middle School Curric. (15 hrs. FE)	3	
<b>Natural Sciences (7 Credits)*</b>			RED 4335 Teaching Reading in the Content Areas	3	
OCE 1001C Oceanography (Program Requirement)	3		SCE 3320C Teaching Biology & Other Life Sciences in Middle School with Practicum (35 hrs. PR)	4	
GLY XXXXC Geology & Lab (Program Requirement)	4		SCE 3420C Teach Physical Sci. Middle School w/ Pract. (35 hrs. PR)	4	
<b>Social Science (9 Credits)*</b>			EDG 4935 Special Topics II	2	
WOH (Part A)	3		TSL 4140 ESOL Methods, Curric., & Assessment (15 hrs. FE)	3	
DEP 2004 Human Growth/Devel. <b>OR</b> PSY 2012 Psych	3		Electives- Other Science Courses (May be pre-requisites for other science courses or separate science courses.)	5	
	3		SCE 4943 Internship Middle Gr. Sci. Ed. (15 wks. = 560 hrs.)	12	
<b>Total General Education Credits*</b>	<b>37</b>				
*Refer to the Associate in Arts Degree General Education Program Guide for more information about general education course selection.			<b>TOTAL PROGRAM CREDITS</b>	<b>60</b>	
			<b>TOTAL DEGREE CREDIT HOURS</b>	<b>121</b>	
<b>Required Course Pre-Requisites ("C" or higher)*</b>	<b>Credits</b>	<b>Met</b>	<i>Program Advisor Notes:</i>  GKT Sections: Math _____ Reading _____ ELS _____ Essay _____  FE: Field Exper. PR: Practicum  Service Learning Requirement: <u>30 hours</u>  Pro Ed Completed _____  Subject Area Exam Completed _____		
EDF 2005 Intro to Teaching Profession (15 hrs. of observation= 5 elem., 5 mid sch., 5 high sch.)	3				
EDF 2085 Intro to Diversity for Educators (15 hrs. of observation= 5 elem., 5 mid sch., 5 high sch.)	3				
EME 2040 Intro to Technology for Educators	3				
<b>CHOOSE ONLY 1 SCI. STRAND BELOW (2 classes):</b>					
<b>Strand #1:</b> BSC1010+Lab - Biology I **	4				
BSC1011 Lab- Biology II **	4				
<b>Strand #2:</b> CHM 2045 + Lab – Gen. Chem.I **	4				
CHM 2046 +Lab – Gen. Chem. II**	4				
<b>Strand #3:</b> PHY 1053 + Lab – College Phy. I **	4				
PHY 1054 + Lab – College Phy. II**	4				
<b>Strand #4:</b> PHY 1048 + Lab – Gen. Phy. I**	4				
PHY 1049 + Lab – Gen. Phy. II **	4				
<b>TOTAL ELECTIVE CREDITS MUST EQUAL=</b>	<b>24</b>				
<b>TOTAL AA DEGREE CREDITS</b>	<b>61</b>				

Students are encouraged to select additional science courses to complement their major.

\*\* Students can fulfill the BSC sequence with CHM2045+L and CHM2046+L **or** PHY2048+L and PHY2049+L **or** PHY2053+L and PHY2054+L  
**IMPORTANT:** Any courses from AA designations can fulfill the program electives. \* Must be completed prior to enrollment in upper division.

Student: \_\_\_\_\_ Date: \_\_\_\_\_ Advisor: \_\_\_\_\_ 5.10.13



## **Bachelor of Science**

### **Middle Grades Science Education**

Welcome to the **Bachelor of Science (BS) in Middle Grades Science Education Program at Florida SouthWestern State College.** This state approved program is designed to prepare individuals to teach physical and life science in grades 5-9. The program provides an educational pathway for students who have earned an Associate in Arts degree to include specific science and education prerequisites. Upon graduation, students will meet the mandated state teaching requirements, including teacher certification exams.

**Program Highlights:** The Middle Grades Science Education Degree is a FL DOE approved program. It includes coursework to prepare teacher candidates with an understanding of both the nature of the adolescent learner and the middle grades philosophy. Content courses cover the scientific processes, general ecology, and physical and biological sciences. In addition, teacher candidates will take courses to prepare them to teach English Language Learners, students with exceptionalities, and those adolescents who struggle with reading competency. Throughout the program, teacher candidates will develop classroom management and assessment strategies for working with a diverse population of students. Field experience requirements are progressive in nature, building upon previous semester experiences. Students will complete field experience, teach lessons through the practicum courses, and complete a full-time teaching internship in their final semester. Courses are offered for full and part time students, with blended technology and online classes where applicable.

**Other program requirements include:**

- two years of one high school foreign language or two college semesters of one foreign language (prior to entering the final internship - FL foreign language requirement)
- maintain a cumulative GPA of 2.5
- complete all school based components as required for graduation from the program
- assessment of teacher candidate dispositions throughout the program
- completion of 30 service learning hours prior to final internship

**School Based Hour Requirements (675 total hours)**

Refer to individual course descriptions for additional details regarding school based hour requirements

***The course sequence for this program may be found on the other side of this document.***

For further information, please contact Mrs. Michele Propper, Coordinator, School of Education Assessment and Student Services, at (239) 432-7335 or [mlpropper@fsw.edu](mailto:mlpropper@fsw.edu). Thank you!