

**SECONDARY SCIENCE/PHYSICS EDUCATION MAJOR (2008-2009)  
COLLEGE OF EDUCATION (BAE or BA)**

**COMMUNICATIONS** (6 credits must earn C or better in all Gordon Rule courses)

ENC 1101	College Writing I (Gordon Rule Writing) (3 credits)
ENC 1102	College Writing II (Gordon Rule Writing) (3 credits)

**MATHEMATICS** (11 credits must earn C or better in all Gordon Rule courses)

**Students must take math placement test before enrolling in course.**

MAC 2311	Calculus w/Analytic Geometry I (4 credits) - <b>REQUIRED</b>
MAC 2312	Calculus w/Analytic Geometry II (4 credits) - <b>REQUIRED</b>
MAP 2302	Differential Equations (3 credits) - <b>REQUIRED</b>

**SOCIAL SCIENCES** (9 credits, THREE courses, from 3 disciplines)

ANT 2000 (D)	Introduction to Anthropology + <b>Discussion</b> (3 credits) <b>or</b>
ANT 2410	Culture and Society (3 credits)
ECO 2023	Microeconomic Principles (3 credits) ( <b>sophomore standing is a pre-requisite</b> ) <b>or</b>
ECO 2013	Macroeconomic Principles (3 credits) ( <b>sophomore standing is a pre-requisite</b> ) <b>or</b>
ECP 2002	Contemporary Economic Issues (3 credits)
GEA 2000 (D)	World Geography + <b>Discussion</b> (3 credits)
INR 2002	Introduction to World Politics (3 credits) <b>or</b>
POS 1041	The Government of the United States (3 credits)
PAD 2258	Changing Environment of Society, Business & Government (3 credits)
PSY 1012	General Psychology (3 credits)
SYG 1000	Introductory Sociology (3 credits) <b>or</b>
SYG 2010	Social Problems (3 credits)

**HUMANITIES** (9 credits, select from two different departments, must earn C or higher)

LIT 2010	Interpretation of Fiction (3 credits) <b>or</b>
LIT 2030	Interpretation of Poetry (3 credits) <b>or</b>
LIT 2040	Interpretation of Drama (3 credits)
PHI 2010 (D)	Introduction to Philosophy (3 credits)
WOH 2012 (D)	History of Civilization I (3 credits)

**Select One course from the following:**

ARC 2208	Culture and Architecture: The Master Builder (3 credits)
ARH 2000	Art Appreciation (3 credits)
DAN 2100	Appreciation of Dance (3 credits) <b>Pass/Fail or Grade Option</b>
FIL 2000 (D)	Film Appreciation (3 credits)
MUL 2010	History and Appreciation of Music (3 credits)
THE 2000	Appreciation of Theater (3 credits)

**SCIENCE** (See Reverse side)

**FOREIGN LANGUAGE** (0-8 credits, 0-2 courses college level credit same foreign language)

FOL/FRE/GER/GRE/GRK/HBR/ITA/JPN/LAT/SPN or other approved language (0 credits-BAE, 8 credits-BA). For questions related to this requirement, consult an academic advisor.

*NOTE: Native speakers of a foreign language must consult the Languages & Linguistics department*

**FOREIGN LANGUAGE REQUIRED FOR BA ONLY, NOT BAE, ALL students must meet the Foreign Language ADMISSION Requirement- see catalog.**

**CLAST: Complete or satisfy the College Level Academic Skills Test requirement. Passing scores on all sections of the General Knowledge Test, along with an overall GPA of 2.5 is required for formal admission to a College of Education teacher preparation program.**

♦ **NOTE: Honors Seminars SHALL BE ACCEPTED AS MEETING THE GORDON RULE WRITING REQUIREMENT.**  
See the Freshman Academic Advising Services Office for details.

Secondary Science/Physics Education Major

**LOWER DIVISION COLLEGE REQUIREMENTS** (21 credits)

<b>EDF 2005**</b>	<b>Introduction to Education (3 credits)</b> <i>(Field placement-15 hrs. plus security clearance fee)</i>
<b>EDG 2701**</b>	<b>Teaching Diverse Students (3 credits)</b> <i>(Field placement-15 hrs.-plus security clearance fee)</i>
<b>EME 2040</b>	<b>Introduction to Educational Technology (3 credits)</b>
<b>Electives</b>	<b>(12 credits)</b>

**PROFESSIONAL EDUCATION** (24 credits)

EDF 3210	Applied Learning Theory (3 credits)
EDF 3430	Educational Measurement and Evaluation (3 credits)
TSL 4324	ESOL Strategies for Content Area Teachers (3 credits)
SCE 4360	Science: Middle and Secondary School (3 credits)
RED 4335	Reading in the Content Areas (3 credits)
ESE 3940	Secondary School Effective Instruct (3 credits, <b>90 - hrs plus security</b> )
SCE 4944	Student Teaching: Physics 6 – 12 (6 credits) (Full-time internship)

**PHYSICS MAJOR CONTENT** (36\* credits)

CHM 2045 + L	General Chemistry I + Lab (4 credits)
CHM 2046 + L	General Chemistry II + Lab (4 credits)
PHY 2048 + L	General Physics I + Lab (5 credits)
PHY 2049 + L	General Physics II + Lab (5 credits)
PHY 3101	Introduction to Modern Physics (3 credits)
PHY 3221	Intermediate Mechanics (4 credits)
PHY 3323	Electromagnetism (4 credits)
PHY 4811	Experimental Modern Physics (1 credit, repeated for 1 additional credit)
Elective	Upper Division Physics (6 credits)
Elective	Upper Division Mathematics (3 credits)

(\*Includes Intellectual Foundations Program Science requirement, 6 credits)

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45 - 53 credits	Intellectual Foundations Program (IFP), Major Requirements, and Foreign Language (45 credits for BAE) (53 credits for BA, includes 8 credits Foreign Language)
15 credits	Lower Division Requirements
24 credits	Professional Education
<u>36 credits</u>	Major Content
<b>120 (BAE) credits</b>	<b>Total</b>
<b>128 (BA) credits</b>	

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**Students assume all responsibility for meeting all graduation requirements.**

For additional information, please contact the College of Education Office for Academic and Student Services:  
College of Education, Room 230  
(561) 297 – 3570 or <http://www.coe.fau.edu/menu.htm>

**Note:** To be admitted to a Teacher Education program, students must do the following:

1. Have a minimum GPA of 2.5 on a 4.0 scale on the lower division undergraduate general education component.
2. Complete or satisfy CLAST requirement;
3. Passing scores on all sections of the General Knowledge (GK) test
4. Meet the general university requirements for admission;
5. Be interviewed and recommended for admission;
6. Be programmed by an assigned advisor, and;
7. Be approved for admission by the College of Education.