Student Name:	Dept. Ad	lvisor		
ID Number:	Checked	by:		
Catalog Year: <u>2008-2009</u>				
EAST TENNESSEE STATE UNIVERSITY COLLEGE OF EDUCATION APPROVED PROGRAM OF STUDY IN TEACHER PREPARATION FOR				
PHYSICS	7-12	417		
Tennessee Licensing Endorsement	Grade Level	Code#		
GENERAL EDUCATION REQUIREMENTS TOTAL GENERAL EDUCATION HOURS 41-42 I. COMMUNICATION (9 hours) ENGL 1010 Critical Reading & Exp. Writ ENGL 1020 Critical Thinking & Argumer One of the following: SPCH 1300 General Speech (3) SPCH 2300 Public Speaking (3) SPCH 2320 Argumentation & Debate (3) MATHEMATICS (3-4 hours) MATH 1840 Analy. Geom and Differ Cale MATH 1530 Probability and Statistics (3 MATH 1910 Calculus (4) III. SCIENCE (8 hours) Open to Non-Science Majors only: BIOL 1010-1011 Biology for Non-majors BIOL 1020-1021 Biology for Non-majors CHEM 1030 Intro. to Chem. Survey (4) PHYS 1030 Intro. to Physics Survey (4) CHEM 1000 Chemistry & Well-Being (4) ASTR 1010 Astronomy I (4) ASTR 1020 Astronomy II (4) ASTR 1035 Life in the Universe (4) BIOL 1110-1121 Biol for Sci Majors II (4) BIOL 1120-1121 Biol for Sci Majors II (4) BIOL 1130-1131 Biol for Sci Majors II (4) CHEM 1110-1111 Gen. Chemistry I (4) CHEM 1120-1121 Gen. Chemistry I (4) CHEM 1120-1121 Gen. Chemistry II (4) GEOL 1040 Physical Geology (4) GEOL 1050 Historical Geology (4) GEOG 1110 Earth Sci: Weath. & Clim. (4 GEOG 1120 Earth Sci: Land. & Proc. (4) HSCI 2020-2021 Anatomy & Phys. II (4) PHYS 2010-2011 Gen. Physics I (4) (WI) PHYS 2010-2011 Gen. Physics II (4) (WI) PHYS 2110 Tech. Physics I - Calc. Base	i. (3) i. (3) v. c. (3)) c. (3)) (1 (4) c. (1 (4) c. (1 (4) d. (HISTORY (6 hours) HIST 2010 U.S. History to 1877 (3) HIST 2020 U.S. History since 1877 (3) HUMANITIES AND FINE ARTS (9 hours) Literature – complete one of the following: ENGL 2030 Literary Heritage (3) ENGL 2110 American Literature I (3) ENGL 2120 American Literature II (3) ENGL 2210 British Literature II (3) (WI) ENGL 2220 British Literature II (3) (WI) ENGL 2230 British Literature II (3) (WI) ENGL 2330 World Literature (3) Fine Arts – complete one of the following: ARTH 2010 Art History Survey I (3) ARTH 2020 Art History Survey II (3) MUSC 1035 History of Jazz (3) DANC 3500 Dance as a Human Exp. (3) THEA 1030 Introduction to Music (3) HUMT 2310 Arts and Ideas I (3) HUMT 2320 Arts and Ideas II (3) Humanities Elective – complete one of the following ENGL 3150 Lit., Ethic, & Values (3) (WI) ENGL 3280 Mythology (3) (WI) ENTC 3020 Technology and Society (3) HIST 1110 World History & Civ. to 1500 (3) PHIL 1030 Introduction to Philosophy (3) PHIL 2020 Introduction to Ethics (3) (WI) PHIL 2040 Phil. As_Conversation (3) (OI) PHIL 2040 Phil. As_Conversation (3) (OI) PHIL 2040 Intro. to Study of Religion (3)		

PSCI 1110 Political Life (3) PSCI 1120 Introduction to PSYC 1310 Introduction to SOCI 1020 Introduction to ANTH 1240 Introduction to SOCI 2020 Social Problem SRVL 1020 Introduction to	Society (3) OR Economics Part I (3) To Cultural Geography (3) Tal Lifespan Psychology (3) To (WI) (OI) The American Government (3) To Psychology (3) To Sociology (3) To Cultural Anthropology (3) To (WI)	
	IENCES y and Statistics6 credits y and Calculus6 credits	
NOTE: Comp Natural Sciences requirement. Stud Mathematics and Natural Sciences	letion of IBMS 1100 and 1200 satisfication of IBMS 1100 and 1200 satisfication.	es both the Mathematics requirement and the ourse sequence in order to fulfill the one of the courses (not recommended) will be ement.
		Revised 05/08
ADDITIONAL GRADUATION REQUIR USING INFORMATION TECHNOLOGCSCI 1100 Using InformationPass UIT Proficiency Exam		
and use technology. All intensive of must meet minimum requirements	courses must be taken at ETSU. Stu for graduation.	ficiencies in a student's ability to write, speak, dents may exceed intensive requirements but MEET PROGRAM AND GRADUATION
WRITING: COURSES (WI)	ORAL: COURSE(S) ((OI)	TECHNOLOGY: COURSE(S) (TI)
EDFN 3301 Issues in Education HDAL 3310 Educational Psycles SPED 2300 Exceptional Learn MEDA 3570 Educational Techn CUAI 4417 Secondary Currica CUAI 4427 Secondary Currica SCED 4417 Teaching Science	eaching (2) (must meet test score recon (3) ✓ (WI) hology (3) hers in Schools and Communities (3) hology (2) (TI) ✓ ulum and Methodology (3) ✓ ulum and Methodology Field Experie	quirement to register)
TOTAL HOURS FOR THE MINOR: 2	24	
PROFESSIONAL SEMESTER: CUAI 4580 Student Teaching (12) ✓ (OI)	revised 05/06

ALL TEACHER LICENSURE STUDENTS MUST RECEIVE ADVISEMENT FROM THE COLLEGE OF EDUCATION PROFESSIONAL ADVISOR IN ROOM 321 WARF-PICKEL.

SECONDARY PHYSICS EDUCATION SCIENCE CORE

Biological S BIOL BIOL	Science 1110/1111 Biology for Science Majors I, L 1120/1121 Biology for Science Majors II,			
Chemistry CHEM CHEM	1110/11 Gen. Chemistry I/Lab 1120/21 Gen. Chemistry II/Lab	8		
Geology/Ge GEOL GEOL GEOG GEOG	eography 1040 Physical Geology 1050 Historical Geology OR 1110 Earth Science: Weather and Climate 1120 Earth Science: Landform & Proc.	8		
Physics PHYS PHYS	2010/2011 Gen. Physics I/Lab W(S97) 2020/2021 Gen. Physics II/Lab W(S97)	8		
Math MATH MATH	1530 : Probability & Statistics 1910: Calculus	7		
Basic core	in science	39		
PHYSICS C	ONCENTRATION			
DIIVO 0040	Marakania	4 T(507) Q(000)		
	Mechanics	4_T(F97)O(S98)		
	Thermodynamics	3		
PHYS 3210		4		
	Delectricity and Magnetism Office Intro. to Atomic and Nuclear Power	4W(S97) 3		
Salact one	course from the following:			
	Introduction to Biophysics	3		
	Introduction to Astronomy	4		
ASTR 1020		4		
Select one	course from the following:			
	Kinetic and Statistical Physics	4W(\$97)		
	Quantum Physics	4W(F97)		
	Electromagnetic Theory	4W(\$97)		
		Physics revised 05/06		
TEACHED EDUCATION ENTRANCE AND EVIT DECLUDEMENTS				
TEACHER EDUCATION ENTRANCE AND EXIT REQUIREMENTS				
ENTRAN		EXIT		
	Declaration of Intent form Praxis II test scores			
PPST, ACT, or SAT minimal test scores 2.5 GPA in 30 earned hours (see criteria)		 Principles of Learning and Teaching Specialty Area Tests 		
Completed	d EDFN 2100 and 2300 with "C" or above	Recommendation for Licensure		
	nd Check completed 4 wks prior to submitting ducation Application (This must be initiated in Warf			
	ducation Application (This must be initiated in warred or it will NOT be accepted.)			
	Board Interview			