



INDIANA UNIVERSITY
KOKOMO

DIVISION OF EDUCATION

Post Baccalaureate Teacher Licensure Program

Early Adolescence and Adolescence Young Adult

Licensure: 5-12

Science Teaching Major

Last Name _____

First Name _____

IU ID # _____

IUK Email _____

General Education requirements are fulfilled upon completion of an undergraduate degree from an accredited institution.

The IU Kokomo Initial 5-12 Science Teacher Licensure Program is designed to prepare and recommend for license grade 5-12 classroom teachers in **Science**.

**TEACHING MAJOR REQUIREMENTS
(44 Credit Hours)**

Teaching major requirements are fulfilled by completing a total of 44 credit hours in Science. (Minimum GPA of 2.5 in teaching major and no grade less than C in the teaching major is required.) The IU Kokomo Teacher Education Program requires you to either choose one licensure area and complete at least 44 credit hours or two licensure areas that sum to 44 credit hours (Exception: Physical Science has a 44 credit hour minimum requirement). Courses completed need to include one course in each of the General Science areas and meet all principles for your chosen licensure areas. (Courses taken to meet the General Science requirements may also be used to meet licensure area requirements, but cannot be counted twice towards the total 44 credits.)

Licensure Areas:

Chemistry

Physical Science

Life Science

Physics

Earth/Space Science

General Science Area	Recommended IU Kokomo Courses	Course
Physical Science Physics or Chemistry	See Recommended and Possible IU Kokomo courses for each licensure area.	
Life Science		
Earth/Space Science		

Chemistry: Courses completed need to meet all the following principles. Once those principles are met, you may select any other of the listed possible courses in the licensure area to attain the minimum hour requirement for the teaching major. At least two lab courses need to be included

Principles	Recommended IU Kokomo Courses	Course Taken	Hours	Grade
Matter and Energy	C105/C125			
Energy and Change	C106/C126			
Organic Chemicals	C341/C343; C342/C344			
Analytical Chemistry	C210/C211			
Additional Courses				
		Total		

*Other possible IU Kokomo courses: Biological Chemistry C483; Inorganic Chemistry C430; Physical Chemistry C361, C362, C363; Principles of Chemical Instrumentation C410, C411

Physics: Courses completed need to meet all the following principles. Once those principles are met, you may select any other of the listed possible courses in the licensure area to attain the minimum hour requirement for the teaching major. At least two lab courses need to be included

Principles	Recommended IU Kokomo Courses	Course Taken	Hours	Grade
Mechanics	P201			
Electricity and Magnetism	P202			
Atomic and Subatomic Physics	P301			
Environmental Physics	P310			
Additional Courses				
		Total		

Life Science: Courses completed need to meet all the following principles. Once those principles are met, you may select any other of the listed possible courses in the licensure area to attain the minimum hour requirement for the teaching major. At least two lab courses need to be included

Principles	Recommended IU Kokomo Courses	Course Taken	Hours	Grade
Molecules and Cells	L105; L367; M310			
Developmental and Organismal	Z315; P416			
Genetics and Evolution	L364			
Ecology	L473			
Additional Courses				
		Total		

*Other possible IU Kokomo courses: Basic Human Anatomy A215; Humans and Microorganisms L270; Principles of Immunology L321/K339; Plants, Animals, and Civilization L370; Survey of the Plant Kingdom B203; Summer Flowering Plants B364; Microbiology and Immunology J200/J201; Microbiology M310/M315;

Physical Science: Courses completed need to meet all the following principles. Once those principles are met, you may select any other of the listed possible courses in the licensure area to attain the minimum hour requirement for the teaching major. At least two lab courses need to be included

Principles	Recommended IU Kokomo Courses	Course Taken	Hours	Grade
Matter and Energy	C105/C125			
Energy and Change	C106/C125			
Organic Chemicals	C341/C343; C342/C344			
Analytical Chemistry	C210/C211			
Motion and Forces	P201			
Electricity and Magnetism	P202			
Atomic and Subatomic Physics	P301			
Environmental Physics	P310			
Additional Courses				
		Total		

*Other possible IU Kokomo courses see Chemistry or Physics Requirements

Earth/Space Science: Courses completed need to meet all the following principles. Once those principles are met, you may select any other of the listed possible courses in the licensure area to attain the minimum hour requirement for the teaching major. At least two lab courses need to be included

Principles	Recommended IU Kokomo Courses	Course Taken	Hours	Grade
Universe	A100			
Earth and Natural Resources	G100; C390			
Environmental Systems and Hazards	G107; G315; C390			
Matter and Energy	C105/C125; C106/C126			
Populations	L473			
		Additional Courses	Hours	Grade
		Total		

*Other possible IU Kokomo courses: Environmental Physics P310; Biological Chemistry C483; Plants, Animals, and Civilization L370; Survey of the Plant Kingdom P203; Summer Flowering Plants B364

PROFESSIONAL EDUCATION REQUIREMENTS

(48 credit hours)

(All courses must have minimum grade of C+)

Benchmark 1 and 2: Pre-professional	Course Taken	Credit Hours	Grade
EDUC F205/M101 Study of Education & Practice of Teaching (3)			
EDUC P255 Educational Psychology for Middle and Secondary Teachers (3)			
EDUC K205 Introduction to Exceptional Children (3)			
EDUC W200 Computers in Education (3)			
EDUC Q200 Introduction to Scientific Inquiry (3)			
	Total		

**REQUIREMENTS for ADMISSION to TEACHER EDUCATION PROGRAM
(on transcript EDUC-M299)**

Submit application for admission to the Teacher Education Program and permission to take courses in Benchmarks 3 – 5.

Admission to TEP Requirements:

Passage of PRAXIS I (PPST) (on transcript EDUC-M199)	Minimum Score	Score	Date
Reading	176		
Writing	172		
Mathematics	175		

Minimum Overall GPA of 2.5

Minimum GPA in Teaching Major courses of 2.5 as well as no grade less than a C

Completion of at least 55 credit hours of General Education and/or Teaching Major credit hours

Completion of Communication Skills and Quantitative Literacy with a grade of C or better

Completion of Pre-professional courses with a grade of C+ or better

Faculty Approval for Continuation

Benchmark 3 – 5			
Benchmark 3 (FALL semester)	Course Taken	Credit Hours	Grade
EDUC M312 General Methods Jr/High Middle (3)			
EDUC M300 Teaching in a Pluralistic Society (3)			
Benchmark 4 (SPRING semester)	Course Taken	Credit Hours	Grade
EDUC M464 Methods of Teaching Reading (3)			
EDUC S487 Principles of Senior High/Junior High/Middle School Education (3)			
Benchmark 5 (FALL semester)	Course Taken	Credit Hours	Grade
EDUC H340 Education and American Culture (3)			
EDUC M446 Methods of Teaching SH/JH/MD Science (3)			
	Total		

Admission to Benchmark 6 Requirements

Passage of PRAXIS II Teaching Major Areas	Score	Date

Benchmark 6 (SPRING semester)	Course Taken	Credit Hours	Grade
EDUC M480 Student Teaching Secondary (12)			
EDUC M440 Teaching Problems and Issues Seminar (3)			
	Total		

NOTE: At the completion of each Benchmark, faculty review and approval are required as conditions for program continuation.

