



INDIANA UNIVERSITY
KOKOMO

DIVISION OF EDUCATION

Early Adolescence/Adolescence Young Adult Teacher Licensure Program
Initial 5-12 (Secondary) Science Teaching Major

Last Name _____

First Name _____

IU ID# _____

IU Kokomo Email _____

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

Teaching major requirements are fulfilled by completing a total of 51 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 Licensure Program requires you to either choose one licensure area and complete at least 36 credit hours or two licensure areas and complete at least 24 credit hours in each (Exception: Physical Science has a 36 hour minimum requirement). The Indiana Department of Education Division of Professional Standards requires you to complete 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 51 credits.)

Licensure Areas:

Chemistry
Physics

Physical Science
Earth/Space Science

Life 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
<i>Matter and Energy</i>	C105/C125			
<i>Energy and Change</i>	C106/C126			
<i>Organic Chemicals</i>	C341/C343; C342/C344			
<i>Analytical Chemistry</i>	C210/C211			
		Additional Courses	Hours	Grade
		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
<i>Mechanics</i>	P201			
<i>Electricity and Magnetism</i>	P202			
<i>Atomic and Subatomic Physics</i>	P301			
<i>Environmental Physics</i>	P310			
		Additional Courses	Hours	Grade
		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
<i>Molecules and Cells</i>	L105; L367; M310			
<i>Developmental and Organismal</i>	Z315; P416			
<i>Genetics and Evolution</i>	L364			
<i>Ecology</i>	L473			
		Additional Courses	Hours	Grade
		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
<i>Matter and Energy</i>	C105/C125			
<i>Energy and Change</i>	C106/C125			
<i>Organic Chemicals</i>	C341/C343; C342/C344			
<i>Analytical Chemistry</i>	C210/C211			
<i>Motion and Forces</i>	P201			
<i>Electricity and Magnetism</i>	P202			
<i>Atomic and Subatomic Physics</i>	P301			
<i>Environmental Physics</i>	P310			
		Additional Courses	Hours	Grade
		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
<i>Universe</i>	A100			
<i>Earth and Natural Resources</i>	G107; G315; C390			
<i>Environmental Systems and Hazards</i>	G107; C390			
<i>Matter and Energy</i>	C105/C125; C106/C126			
<i>Populations</i>	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

**Early Adolescence/Adolescence/Young Adult (Grades 5-12)
Initial Teacher Education Program (TEP)
Professional Education Core**

(All courses must have minimum grade of C+; Non-Education courses must have minimum grade of C)

CORE I

	Grade
M101 Introduction to Education	_____
P250 Educational Psychology	_____
K205 Introduction to Exceptional Children	_____
D250 Multimedia	_____

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

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

Minimum Overall GPA of 2.5 in work taken at IU Kokomo to remain in good standing

Minimum GPA of 2.5 in teaching major and no grade less than C in the teaching major

Completion of CORE I

Submit Application for Admission to CORE II (M299). The application to Core II and Application Policies and Procedures for admission to the Teacher Education Program (TEP) are available on our website:

<http://www.iuk.edu/education>

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

CORE II (Spring Semester)

	Grade
M312 General Methods for Jr Hi/Mid Sch Educ	_____
Student Teaching Application: Due on March 1 of semester during which M312 is taken.	

CORE II or CORE III (Fall, Spring, or Summer Semester)

	Grade
H340 Education and the American Culture	_____
S487 Prin of Sr/Jr/Mid Sch Education	_____
An approved multicultural/diversity course: _____	_____

CORE III (Fall Semester)

	Grade
M464 Methods of Teaching Reading	
* M441 Meth of Tchg Jr Hi/Middle Sch/Sr Hi Social Studies	_____
* M446 Meth of Tchg Jr Hi/Middle Sch/Sr Hi Science	_____
* M452 Meth of Tchg Jr Hi/Middle Sch/Sr Hi English	_____
* M457 Meth of Tchg Jr Hi/Middle Sch/Sr Hi Mathematics	_____
* Must take the methods course in the licensure area.	

Passage of PRAXIS II in teaching major licensure area(s) prior to CORE IV

Teaching Major Licensure Area(s): _____ Test Score: _____ Date Passed: _____
 _____ Test Score: _____ Date Passed: _____

CORE IV (Spring Semester)

(Minimum of 15 credit hours required)	Grade
M480 Student Teaching	_____
M440 Teaching Problems & Issues Seminar	_____