

Name: _____ PUID: _____ Date: _____

Departmental/Program Major Courses (24 credits)

- _____ (3) TLI 16100 Prototyping in Engineering/Technology Education
- _____ (3) TLI 26200 Foundations of Integrated STEM Education
- _____ (3) TLI 26500 Teaching the TE of STEM
- _____ (3) TLI 36100 Instructional Planning & Evaluation
- _____ (3) TLI 36700 Teaching Design & Innovation I
- _____ (3) TLI 46000 Teaching Design & Innovation II
- _____ (3) TLI 46100 Eng/Tech Teacher Lab Planning
- _____ (3) TLI 46200 Eng/Tech Teaching Methods

Other Departmental /Program Course Requirements (80 credits)

- _____ (3) MA 15300 Algebra & Trigonometry I (*satisfies Quantitative Reasoning for core*)
- _____ (3) MA 15400 Algebra & Trigonometry II
- _____ (3) Lab Science Foundation Selective¹ (*satisfies Science for core*) (See Supplemental Information)
- _____ (3) Science Selective² (See Supplemental Information)
- _____ (4) PHYS 21800 General Physics (*satisfies Science for core*)
- _____ (3) TECH 12000 Design for Technology (*satisfies Science, Technology & Society Selective and Information Literacy for core*)
- _____ (3) Humanities Selective⁴ (*satisfies Human Cultures Humanities for core*) (See Supplemental Information)
- _____ (3) PSY 12000 Elementary Psychology
- _____ (3) COM 11400 (*satisfies Oral Communication for core*)
- _____ (3) Written Communication Foundation Selective³ (*satisfies Written Communication for core*) (See Supplemental Information)
- _____ (3) Advanced Communication Selective⁵ (See Supplemental Information)
- _____ (3) Advanced Communication Selective⁵ (See Supplemental Information)
- _____ (3) CGT 11000 Technical Graphics Communication
- _____ (3) ECET 22400 Electronic Systems
- _____ (3) EDCI 20500 Exploring Teaching as a Career
- _____ (3) EDCI 27000 Introduction to Educational Technology and Computing
- _____ (3) EDCI 28500 Multiculturalism and Education (*satisfies Human Culture Behavioral/Social Science for core*)
- _____ (3) EDCI 30900 Reading In Middle and Secondary Schools: Methods and Problems
- _____ (1) EDST 20010 Educational Policies and Law
- _____ (2) EDST 32700 Assessment Literacy
- _____ (3) EDPS 23500 Learning and Motivation
- _____ (3) EDPS 26500 The Inclusive Classroom
- _____ (16) EDCI 49808 Supervised Teaching

Technical Electives⁶ (12 credits) and Free Electives⁸ (4 credits) (See Supplemental Information)

_____ (TE) _____ (TE) _____ (TE) _____ (TE)
 _____ (FE) _____ (FE1cr.) _____

University Core Requirements (<http://www.purdue.edu/provost/initiatives/curriculum/course.html>)

Human Cultures Humanities	<input type="checkbox"/>	_____	Science, Technology & Society Selective	<input type="checkbox"/>	TECH 12000
Human Cultures Behavioral/Social Science	<input type="checkbox"/>	EDCI 28500	Written Communication	<input type="checkbox"/>	ENGL 10600/10800
Information Literacy	<input type="checkbox"/>	TECH 12000	Oral Communication	<input type="checkbox"/>	COM 11400
Science Selective	<input type="checkbox"/>	PHYS 21800	Quantitative Reasoning	<input type="checkbox"/>	MA 15300
Science Selective	<input type="checkbox"/>	_____			

**The student is ultimately responsible for knowing and completing all degree requirements.
 myPurdue Plan is knowledge source for specific requirements and completion**

Engineering/Technology Teacher Education

Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
3	TLI 26200✓ Foundations of Integrated STEM		3	TLI 16100✓ Prototyping in Eng/TECH Edu	
3	TECH 12000*		3	CGT 11000✓	
3	EDCI 27000●		3	MA 15400	MA 15300
3	MA 15300*	ALEKS min score of 45	3	COM 11400*	
3/4	Written Communication Foundation Selective ^{3*}		3	Humanities ^{4*}	
15/16			15		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	EDCI 20500●		3	TLI 26500✓ Teaching the TE of STEM	
3	EDCI 28500●*		3	ECET 22400✓	MA 15300
1	EDST 20010●		4	PHYS 21800	
3	Lab Science Foundation Selective ^{1*}		3	EDPS 23500●	
3	Technical Elective ⁶ ✓		3	EDPS 26500●	
13			16		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
2	EDPS 32700●	EDPS 23500	3	TLI 36100✓ Instructional Planning & Eval	
3	PSY 12000		3	TLI 36700✓ Teaching Design & Innov I	CGT 11000 & TLI 16100
3	Technical Elective ⁶ ✓		3	EDCI 30900●	
3	Science Foundation Selective ²		3	Technical Elective ⁶ ✓	
3	Free Elective ⁸		3	Advanced Communication Selective ⁵	
1	Free Elective ⁸				
15			15		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	TLI 46000✓ Teaching Design & Innov II	TLI 36700	16	EDCI 49808●	EDCI 20500, EDCI 28500, EDPS 23500, EDPS 26500, Gate B
3	TLI 46100✓ Eng/Tech Teacher Lab Planning				
3	TLI 46200✓ Eng/Tech Teaching Methods	TLI 36100, Co-req TLI 46100, Content Test passed			
3	Advanced Communication Selective ⁵				
3	Technical Elective ⁶ ✓				
15			16		

***Fulfills University Core**

- 1) 120 credits listed above are required for the ETTE Bachelor of Science degree.
- 2) ● 3.0 Professional Education GPA required for Bachelor of Science degree, with at least a C- or higher.
- 3) ✓ 2.5 Core GPA required for Bachelor of Science degree.
- 4) 2.0 Graduation GPA required for Bachelor of Science degree.
- 5) Students must fulfill all Teacher Education Requirements⁶. (See Supplemental Information)
- 6) 32 credits of upper division courses (30000 level or higher) must be taken at Purdue University, West Lafayette.
- 7) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, I AND IF).

See next page for all supplemental information

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ETTE Supplemental Information

All prerequisites must be met

¹Lab Science Foundation Selective (3 credits)

Must be a lab from the approved UCC Science list: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

ASTR 26300 Descriptive Astronomy: The Solar System	BIOL 20400 Human Anatomy and Physiology	EAPS 24300 Earth Materials I
ASTR 26400 Descriptive Astronomy: Stars and Galaxies	BTNY 11000 Intro to Plant Science	EAPS 24400 Earth Materials II
BIOL 11000 Fundamentals of Biology I	CHM 11100 General Chemistry	HORT 10100 Fundamentals of Horticulture
BIOL 11100 Fundamentals of Biology II	CHM 11200 General Chemistry	PHYS 17200 Modern Mechanics
BIOL 12100 Biology I: Ecology, Diversity, & Behavior	CHM 11500 General Chemistry	PHYS 21800 General Physics I
BIOL 13100 Biology II: Dev, Structure & Function of Organisms	CHM 11600 General Chemistry	PHYS 21900 General Physics II
BIOL 13500 First year Biology lab	CHM 12500 Introduction to Chemistry	PHYS 22000 General Physics
BIOL 14600 Introduction to Biology	CHM 12600 Introduction to Chemistry II	PHYS 22100 General Physics
BIOL 20300 Human Anatomy and Physiology	CHM 13600 General Chemistry Honors	PHYS 24100 Electricity & Optics
	CHM 20000 Fund of Chemistry	PHYS 27200 Electric & Magnetic Interactions
	EAPS 10900 The Dynamic Earth	
	EAPS 11100 Physical Geology	
	EAPS 11200 Earth Through Time	

²Science Foundation Selective (3 credits)

Any BIOL, CHM, EAPS, PHYS, or UCC Science course not already required/being used on the plan of study

³Written Communication Foundation Selective (minimum 3 credits)

ENGL 10600 First-Year Composition
ENGL 10800 Accelerated First-Year Composition

⁴Humanities Foundational Selective (3 credits)

See approved UCC Humanities list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

⁵Advanced Communication Selective (6 credits)

COM 31400 Advanced Presentational Speaking	COM 41500 Discussion of Technical Problems
COM 31500 Speech Communication of Technical Information	ENGL 30400 Advanced Composition
COM 31800 Principles of Persuasion	ENGL 30600 Intro Professional Writing
COM 32000 Small Group Communication	ENGL 42000 Business Writing
COM 32400 Intro to Organizational Communication	ENGL 42100 Technical Writing
COM 32500 Interviewing Principles and Practice	

⁶Technical Elective (12 credits)

Any non-required College of Technology or Engineering (ENGR) course

⁷Teacher Education Requirements

1. Basic Skills Competency Tests Assessment Date: _____
2. Engineering and Technology Education Content Tests
(http://www.in.nesinc.com/TestView.aspx?f=HTML_FRAG/IN018_TestPage.html) Date: _____
3. **GATE A: Admission to Teacher Education Program (TEP)** Date: _____
EDCI 20500, EDCI 28500, EDPS 23500, EDPS 26500 (Blocks 1 and 2)
4. **GATE B: Retention** Date: _____
TLI 46100, TLI 46200 (Block 3)
5. **Criminal History Background Check:** A current Criminal Background Check must be on file in the Office of Field Experiences (OFE).
6. **Student Self-Disclosure Statement:** The Student Self-Disclosure Statement is submitted to OFE at the start of a Foundational course in which you complete a course-related field experience placement, EDCI 20500 or EDPS 23500 or EDPS 26500. For additional information please visit <http://www.education.purdue.edu/fieldexp/students/index.htm>.

⁸Free Elective (12 credits)

Any non-remedial course offered for credit at the University not already required/being used on the plan of study