

**CAREER AND TECHNICAL EDUCATION  
AGRICULTURE**

**Grade Levels 5-12  
REPA 3**

**NOT VALID  
WITHOUT  
OFFICIAL  
TRANSCRIPT  
EVALUATION**

[Purdue University Course Catalog 2021-2022](#)

<u>CONTENT</u>	<u>CREDIT HOURS</u>
<b>One of the following:</b>	3
AGEC 31000 Farm Organization (3)	
AGEC 33000 Management Methods for Agricultural Business (3)	
<b>One of the following:</b>	3
ANSC 10200 Introduction to Animal Agriculture (3)	
ANSC 10600 Biology of Companion Animals (3)	
<b>One of the following:</b>	3
FS 16100 Science of Food (3)	
NUTR 20500 Food Science (3)	
<b>One of the following:</b>	3
HORT 21200 Greenhouse and Landscape Management for Educators	
ASEC 21200 Greenhouse and Landscape Management for Educators	
<b>Each of the following:</b>	
AGR 10100 Introduction to the College of Agriculture and Purdue University	0.5
AGR 12100 Introduction to Agricultural Sciences Education and Communication Academic Programs	0.5
AGEC 21700 Economics	3
AGRY 25500 Soil Science	3
AGRY 32000 Genetics	3
AGRY 37500 Crop Production Systems	3
ANSC 22100 Principles of Animal Nutrition	3
ASM 1XXXX Welding Transfer Credits (3)	
ASM 20100 Construction and Maintenance	3
FNR 12500 Environmental Science and Conservation	3
HORT 10100 Fundamentals of Horticulture	3
AG Selective	9
<p>In consultation with an Agricultural Education academic advisor, select 9 credits of agricultural selective from College of Agriculture courses below that will best prepare the student to teach Agricultural Science and Business. Course Prefixes: AGECE, AGRY, ANSC, ASM, BTNY, ENTM, FNR, FS, HORT, LA, NRES, and/or SFS. 10000-59999</p>	

**Total Content 46**

**PROFESSIONAL EDUCATION**

Professional Education Courses

EDCI 20500 Exploring Teaching as a Career <i>*required for TEP admission</i>	2
EDCI 27000 Introduction to Educational Technology and Computing	1
EDCI 28500 Multiculturalism and Education <i>*required for TEP admission</i>	2
EDCI 30900 Reading in Middle and Secondary Schools	1
EDCI 35000 Community Issues and Applications for Educators	1

EDCI	37001	Teaching and Learning English as a New Language	2
EDPS	23500	Learning and Motivation	2
EDPS	24000	Children with Gifts, Creativity, and Talents	1
EDPS	24800	Differentiating Curriculum and Instruction	1
EDPS	26501	The Inclusive Classroom	2
EDPS	32700	Classroom Assessment	1
EDPS	36201	Positive Behavioral Supports	2
EDPS	43010	Secondary Creating and Managing Learning Environments	1
EDST	20010	Educational Policies and Laws <b>*required for TEP admission</b>	1
EDCI/ EDPS	20001	Special Pop Sem: Focus on Students with Disabilities and Differentiation (1), OR Special Pop Sem: Focus on Students with Disabilities and Differentiation (1)	1
EDCI/ EDPS	20002	Special Pop Sem: English Lang Learners and Students with Gifts (1), OR Special Pop Sem: English Lang Learners and Students with Gifts (1)	1
ASEC	24000	Seminar in Agricultural Education	1

#### Methods Courses

ASEC	31800	Coordination of Supervised Agricultural Experience Programs	2
ASEC	31900	Planning Agricultural Science and Business Programs	2
ASEC	34000	Laboratory Practices in Agricultural Education	2
ASEC	34100	Curriculum Development in Agricultural Education	2
ASEC	44000	Methods of Teaching Agricultural Education <sup>12</sup>	3

#### Capstone Course

EDCI	49800	Supervised Teaching (12 weeks)	12
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#### Learner Pathway Selective

3

Completion of **ONE** Pathway Course is required for this program. ABA courses are included if allowed by the plan of study. Students can take TWO additional Pathway Courses in the same Pathway to complete requirements for an add-on teaching license in ELL or HA or take one additional Pathway Course in the SPED Pathway for a certificate in SPED (the SPED certificate does not equate to licensure).

#### **English Language Learners Licensure Pathway**

EDCI	51900	Teaching English Language Learners (3)
EDCI	52600	Language Study for Educators (3)
EDCI	55900	Academic Language and Content Area Learning (3)

#### **High Ability Licensure Pathway**

EDPS	49500	Practicum in Gifted, Creative and Talented Education
EDPS	54200	Curriculum and Program Development in Gifted Education (3)
EDPS	54500	Social and Affective Development of Gifted Students (3)

#### **Special Education Non-Licensure Pathway**

EDPS	21100	Special Education Law, Policy, and Ethical Guidelines (3)
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#### **Applied Behavior Analysis Non-Licensure Pathway**

EDPS	34100	Introduction to Philosophical Underpinnings and Concepts of Applied Behavior Analysis (3)
EDPS	34200	Applied Behavior Analysis – Assessment and Intervention (3)
EDPS	44100	Introduction to Ethics and Practice of Applied Behavior Analysis (3)
EDPS	44200	Advanced Intervention in Applied Behavior Analysis (3)

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**Total Professional Education 49**

<sup>1</sup> Indicates a Restricted Methods Course

**Candidate also must complete 4,000 clock hours of successful employment in agriculture or 1,500 clock hours of supervised agricultural work under an approved teacher education program or an equivalent combination.**

## Licensure Information

**All Purdue University Program and Indiana Department of Education requirements must be met for recommendation for Indiana licensure.**

After all requirements are met, Purdue graduates will be considered eligible to apply to the [Indiana Department of Education](#) for licensure under REPA 3 in:

**Career and Technical Education: Agriculture (5-12)  
Addition in Blended and Online Teaching (5-12)**

**Optional: Addition in High Ability (P-12) or ELL (P-12) if chosen pathway requirements are completed**

Visit the [Indiana Department of Education website](#) for more information about what courses can be taught once licensed in this area.

Please reference the 2021-2022 Agriculture Education Guidelines and Requirements and the 2021-2022 Agriculture Education Checklist for more information.