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**CAREER AND TECHNICAL EDUCATION
AGRICULTURE**

**Grade Levels 5-12
REPA 3**

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**NOT VALID
WITHOUT
OFFICIAL
TRANSCRIPT
EVALUATION**

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Purdue University Course Catalog 2022-2023

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CONTENT				**CREDIT HOURS**
One of the following:				3
AGEC	31000	Farm Organization (3)		
AGEC	33000	Management Methods for Agricultural Business (3)		
One of the following:				3
ANSC	10200	Introduction to Animal Agriculture (3)		
ANSC	10600	Biology of Companion Animals (3)		
One of the following:				3
FS	16100	Science of Food (3)		
NUTR	20500	Food Science (3)		
One of the following:				3
HORT	21200	Greenhouse and Landscape Management for Educators		
ASEC	21200	Greenhouse and Landscape Management for Educators		
Each of the following:				
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)[2]		
ASM	20100	Construction and Maintenance		3
FNR	12500	Environmental Science and Conservation		3
HORT	10100	Fundamentals of Horticulture		3

AG Selective   9

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: AGEC, AGRY, ANSC, ASM, BTNY, ENTM, FNR, FS, HORT, LA, NRES, and/or SFS.

       10000-59999

Total Content 46

PROFESSIONAL EDUCATION

Professional Education Courses

EDCI	20500	Exploring Teaching as a Career ***required for TEP admission***	2
EDCI	27000	Introduction to Educational Technology and Computing	1
EDCI	28500	Multiculturalism and Education ***required for TEP admission***	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 *required for TEP admission*	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[1,2]	3

Capstone Course

EDCI	49800	Supervised Teaching (12 weeks)	12

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)

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)

Total Professional Education 49

[1] Indicates a Restricted Methods Course
[2] Students can take Ivy Tech WELD 100 or INDT 114 and transfer to Purdue to meet the Welding requirement. Not included in the content GPA.

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 2022-2023 Agriculture Education Guidelines and Requirements and the 2022-2023 Agriculture Education Checklist for more information.