

Agricultural Education

License: Career and Technical Education: Agriculture

Grade Levels 5-12 REPA 3

Purdue University Course Catalog 2023-2024

			<u>Credit Hours</u>
CONTENT			49
<i>Overall GPA for Agriculture courses within the Departmental/Program major must be at least 2.50/4.00.</i>			
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 ¹	3
ASM	20100	Construction and Maintenance	3
FNR	12500	Environmental Science and Conservation	3
HORT	10100	Fundamentals of Horticulture	3
<i>Select one</i>			
AGEC	31000	Farm Organization OR	3
AGEC	33000	Management Methods for Agricultural Business	3
<i>Select one</i>			
ANSC	10200	Introduction to Animal Agriculture OR	3
ANSC	10600	Biology of Companion Animals	3
<i>Select one</i>			
FS	16100	Science of Food OR	3
NUTR	20500	Food Science	3
<i>Select one</i>			
HORT	21200	Greenhouse and Landscape Management for Educators OR	3
ASEC	21200	Greenhouse and Landscape Management for Educators	3
<u>AG Selective</u>			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: AGECE, AGRY, ANSC, ASM, BTNY, ENTM, FNR, FS, HORT, LA, NRES, and/or SFS. 10000-59999

¹ 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.

CLOCK HOURS

Must complete 4,000 clock hours of successful employment in agriculture or 1,500 clock hours of supervised work in agriculture under an approved teacher education program or an equivalent combination - Credit Hours: 0.00

Credit Hours

PROFESSIONAL EDUCATION

49

All Professional Education courses, including University Concentrations courses, are calculated into the Professional Education GPA. Professional Education GPA must be 3.00/4.00 with no grade lower than a C.

Required for TEP Admission

EDCI	20500	Exploring Teaching as a Career	2
EDCI	28500	Multiculturalism and Education	2
EDST	20010	Educational Policies and Laws	1

Core Courses

EDCI	27000	Introduction to Educational Technology and Computing	1
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
EDCI/ EDPS	20001	Special Pop Sem: Focus on Students with Disabilities and Differentiation OR Special Pop Sem: Focus on Students with Disabilities and Differentiation	1
EDCI/ EDPS	20002	Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts	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	3

Student Teaching

Completion of education methods courses and other Milestone requirements for the major area and admittance to teacher education required prior to this course.

EDCI	49800	Supervised Teaching (12 weeks)	12
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University Concentration

3

Choose one course from the concentrations below that was not already taken as a required course. Students can elect to take additional coursework to complete a full concentration if they choose, but it is not required.

English Language Learners (Licensure Eligible)

12-13

EDCI	37001	Teaching and Learning English as a New Language	2-3
EDCI	51900	Teaching English Language Learners	3
EDCI	52600	Language Study for Educators	3
EDCI	55900	Academic Language and Content Area Learning	3
EDCI/ EDPS	20002	Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts	1

High Ability (Licensure Eligible)

13-15

All courses must be completed with a B- or better average

EDCI/ EDPS	20001	Special Pop Sem: Focus on Students with Disabilities and Differentiation OR Special Pop Sem: Focus on Students with Disabilities and Differentiation	1
EDCI/ EDPS	20002	Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts	1
EDPS	24800	Differentiating Curriculum and Instruction	1
EDPS	49500	Practicum in Gifted, Creative, and Talented Education	3
EDPS	54200	Curriculum and Program Development in Gifted Education	3
EDPS	54500	Social and Affective Development of Gifted Students	3
<i>Select one</i>			
EDPS	24000	Children with Gifts, Creativity, and Talents OR	1
EDPS	54000	Gifted, Creative, and Talented Children	3

Special Education (Non-Licensure)

12-13

EDCI/ EDPS	20001	Special Pop Sem: Focus on Students with Disabilities and Differentiation OR Special Pop Sem: Focus on Students with Disabilities and Differentiation	1
EDCI/ EDPS	20002	Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts	1
EDPS	21100	Special Education Law, Policy, and Ethical Guidelines	3
EDPS	26501	The Inclusive Classroom	2
EDPS	36201	Positive Behavioral Supports	2-3
EDPS	41700	Special Education Knowledge and Skills for General Educators	3

Applied Behavioral Analysis (Non-Licensure)

12

EDPS	34100	Introduction to Philosophical Underpinningd and Concepts of 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

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 Education (P-12) or Teachers of English Learners (P-12) if chosen university concentration requirements are complete

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

Please reference the 2023-2024 Career and Technical Education Guidelines and Requirements and the 2023-2024 Technical Education: Agriculture Checklist for more information.