

CAREER AND TECHNICAL EDUCATION - AGRICULTURAL EDUCATION MAJOR

Program Curriculum

Code	Title	Credits
Degree Core Requirements ¹		
EDCI 2574	Social Foundations of Education	3
EDCI 4554	Educating Exceptional Learners	3
EDCI 4724	Secondary School Teaching Methods I	3
EDCI 4734	Adolescent Literacy and Reading	3
EDCI 4744	Secondary School Teaching Methods II	3
EDEP 2374	Educational Psychology for PK-12 Teachers	3
EDEP 3474	Principles and Practices in PK-12 Assessment	3
Subtotal		21
Major Requirements		
ALS 1234	CALS First Year Seminar	1
ALCE 3004	Educational Programs in Agricultural and Life Sciences	3
ALCE 3624	Communicating Ag and Life Sciences in Writing	3
ALCE 4064	Ag Mechanical Lab Management	3
ALCE/EDCT 4034	Methods of Planning Education Programs for Agriculture	3
ALCE/EDCT 4884	Youth Program Management	3
EDCT 4624	Managing a Career and Technical Education Program	3
APSC 1454	Introduction to Animal and Poultry Science	3
APSC 1464	Animal and Poultry Science Laboratory	1
BSE 2094		1
BSE 2484		3
CSES 2444	Agronomic Crops	3
CSES 3114/ GEOS 3614	Soils	3
CSES 3124/ GEOS 3624	Soils Laboratory	1
ENSC 3604	Fundamentals of Environmental Science	3
FREC 2004	Forest Ecosystems	3
HORT 2224	Horticulture Science and Industry	2
SBIO 2614	Introduction to Forest Products Marketing	3
Field-Based Requirements		
ALCE 4024	Managing Agricultural Supervised Occupational Experience Project	2
EDCT/ALCE 4754	Internship in Education	3
EDCT/ALCE 4964	Field Study/Practicum	6
Subtotal		56
Free Electives		
Select one credit of Free Electives		1
Subtotal		1
Pathways to General Education		
<i>Pathways Concept 1 - Discourse</i>		
ENGL 1105	First-Year Writing (1F)	3

ENGL 1106	First-Year Writing (1F)	3
ALCE/AINS 2414	Identity and Inclusion in Agricultural and Life Sciences (also meets Pathway 7 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G07))	3
<i>Pathways Concept 2 - Critical Thinking in the Humanities</i>		
FREC/LAR/NR 2554	Leadership for Global Sustainability	3
Select three credits in Pathway 2 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02)		3
<i>Pathways Concept 3 - Reasoning in the Social Sciences</i>		
AAEC 1005	Economics of the Food and Fiber System	3
AAEC 1006	Economics of the Food and Fiber System	3
<i>Pathways Concept 4 - Reasoning in the Natural Sciences</i>		
CHEM 1035	General Chemistry	3
CHEM 1036	General Chemistry	3
<i>Pathways Concept 5 - Quantitative and Computational Thinking</i>		
GEOG 1084/ FREC 1004	Digital Planet (5F)	3
MATH 1025	Elementary Calculus (5F)	3
Select three credits of Pathway 5a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05A)		3
<i>Pathways Concept 6 - Critique and Practice in Design and the Arts</i>		
HORT 2164	Floral Design ²	3
Select three credits Pathway 6a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A)		3
<i>Pathways Concept 7 - Critical Analysis of Identity and Equity in the United States</i>		
ALCE/AINS 2414	Identity and Inclusion in Agricultural and Life Sciences (also meets Pathway 1a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01A))	
Subtotal		42
Total Credits		120

¹ Unless otherwise indicated, all courses must be taken on an A-F basis; courses satisfying degree core requirements may not be double counted to satisfy other areas of a degree

² Additional fee required

Graduation Requirements

Language Study Requirement

Students who do not complete two years of a single foreign or classical language or American Sign Language in high school, may do so by taking six credits of college-level foreign or classical language or American Sign Language. The six credits used to meet this requirement may not be used to satisfy the minimum number of credits required for graduation.

Credits and GPA

Completion of a minimum of 120 credits with a minimum overall GPA of 2.5; and in-major GPA of 3.0. (In major GPA includes all EDCI, EDCT, and EDEP courses)

Prerequisites

Some courses listed on this checksheet may have pre-/co-requisites; please consult the University Course Catalog or check with your advisor.

Additional Requirements

Students must submit passing scores on required state licensure examinations.

Satisfactory Progress Toward Degree

University Policy 91¹ requires a student to make satisfactory progress towards a degree. Additionally, licensure programs require that by the time a student has completed 72 credits, they must have passed all licensure examinations, carry an in-major GPA of 3.0, and be accepted into the educator preparation program.

³ unless otherwise indicated, all courses must be taken on an A-F basis; courses satisfying degree core requirements may not be double counted to satisfy other areas of a degree.

¹ <https://policies.vt.edu/91-eligibility-for-continued-enrollment.pdf>