

PLANT SYSTEMS CAREER PATHWAY

Preparations that can add this Endorsement:

Preparation	Pedagogy		CTE Methods		Test		Coursework		Other
Early Childhood	X	AND	X	AND	X	OR	X	OR	X
Elementary	X	AND	X	AND	X	OR	X	OR	X
Secondary			X	AND	X	OR	X	OR	X
CTE Preparation					X	OR	X	OR	X
K-12			X	AND	X	OR	X	OR	X
Early Childhood SPED	X	AND	X	AND	X	OR	X	OR	X
K-12 SPED			X	AND	X	OR	X	OR	X

State-Designated Pedagogy Requirements:

Test #	Test Name	Cut Score	Effective Date
5624	Principles of Learning and Teaching (7-12 PLT)	157	07/01/2012
Waiver of Pedagogy Test			7-12 PLT
The PLT test may be waived if verification of two or more years of state-certified teaching experience in the grade span of the endorsement is documented.			Experience in a 5-12 grade span

State-Designated Test Requirements:

Test #	Test Name	Cut Score	Effective Date
NOCTI 5185	Production Agriculture	55.7	02/23/2026

Coursework Requirements:

9 Semester hours of coursework including:	
• Plant science	• Greenhouse management
• Horticulture	• Floriculture
• Landscape design	• Agronomy/Soil Science

Other Requirements:

4000 Hours of Validated Work Experience in a Related Field within the previous five years		
Agronomist	Plant Breeder	Plant Pathologist
Greenhouse Manager	Botanist	Crop Farm Manager

Assignment Codes:

Code	Assignment Description		
02993	Mathematics – Test Preparation	22106	Freshman Seminar
10004	Workplace Technology Skills	22110	AP Seminar
18051	Fundamental Plant Science	22151	Career Exploration
18052	Fundamental Horticulture	22152	Employability
18053	Horticulture Operations	22250	Exploratory
18057	Advanced Plant Science	22990	JAG – Middle School
18308	Agriculture Biotechnology	22991	JAG – High School
22001	Standardized Test Preparation	25013	Life Management
22004	Dropout Prevention	80018	Youth Internships
22051	Office Aide (By Students)	80019	Senior Experience
22054	Tutoring (By Students)	80026	Entrepreneurship Experience
22101	Leadership and Service	80020	Youth Apprenticeship
22104	Service Learning	80033	E-Mentor (certified staff)