

# Plant Pathology Certificate

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## Department Information

- **Program Information:**  
<https://www.ndsu.edu/programs/graduate/plant-pathology>
- **Credential Offered:**  
Certificate

**Apply Now ([https://ndsugrad.my.site.com/Application/TX\\_SiteLogin/?startURL=/Application/TargetX\\_Portal\\_\\_PB](https://ndsugrad.my.site.com/Application/TX_SiteLogin/?startURL=/Application/TargetX_Portal__PB))**

Code	Title	Credits
Required Courses		
PPTH 624	Fundamental Plant Pathology	2
PPTH 635	Principles of Plant Disease Management	1
PPTH 648	Plant Disease Diagnostics and Quantification	1
PPTH 637	Practices of Plant Disease Management Research	1
Choose 3 credits of the Following		3
PPTH 645	New Science and Technology in Crop Protection	
PPTH 642	Practical Nematology	
PPTH 636	Fungicide: Basics, Resistance, and Emerging Trends	
PPTH 662	Identification and Management of Non-Soybean Oil and Legume Crop Diseases	
PPTH 663	Identification and Management of Soybean and Corn Diseases	
PPTH 664	Identification and Management of Small Grain Diseases	
PPTH 643	Greenhouse Inoculation and Phenotyping of Crop Diseases	
PPTH 647	Fundamentals of Molecular Techniques in Agriculture	
<b>Total Credits</b>		<b>8</b>

## Admission and Application Requirements

Graduate School admission and application requirements are found on the Admission Information (<http://catalog.ndsu.edu/graduate/admission-information/>) page.