

# Cereal Science Doctorate

## Department Information

- **Department Web Site:**  
ndsu.edu/agriculture/academics/academic-units/plant-sciences/graduate-programs (<http://ndsu.edu/agriculture/academics/academic-units/plant-sciences/graduate-programs/>)
- **Application Deadline:**  
International applications are due May 1 for fall and October 1 for spring. Domestic applicants should apply at least one month prior to the start of classes.
- **Credential Offered:**  
Ph.D.
- **English Proficiency Requirements:**  
TOEFL iBT 71, IELTS 6; Duolingo 105
- **Program Overview:**  
ndsu.edu/programs/graduate/cereal-science (<http://ndsu.edu/programs/graduate/cereal-science/>)

**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
CFS 650	Cereal Technology (Students that have previously taken CFS 650 can opt to take additional CFS 899 credits or another 600/700 course worth 3 credits.)	3
PLSC 710	Professional Development I	1
PLSC 711	Professional Development II	1
CFS 765	Advanced Cereal and Food Chemistry I	4
CFS 766	Advanced Cereal and Food Chemistry II	4
PLSC 790	Graduate Seminar	2
CFS 892	Graduate Teaching Experience	2
PLSC 899	Doctoral Dissertation	30
<b>Statistics (one of the following courses)</b>		<b>3</b>
STAT 662	Introduction to Experimental Design	
PLSC 724	Field Design I	
STAT 725	Applied Statistics	
<b>Technology Group</b>		<b>9</b>
CFS 630		
CFS 670	Food Processing II	
CFS 671	Food Processing Laboratory	
CFS 759	Milling	
CFS 760	Pasta Processing	
CFS 761	Malting and Brewing	
<b>Science Group</b>		<b>6</b>
CFS 660	Food Chemistry	
CFS 661	Food Chemistry Laboratory	
CFS 662	Food Ingredient Technology	
CFS 664	Food Analysis	
CFS 672	Cereal and Food Fermentation	
CFS 674	Sensory Science of Foods	
CFS 764	Carbohydrate Chemistry	
MICR 752		

Additional Credits

30

- If the student has had an equivalent statistics course to the one stated above or if the student requires additional training in statistics, the appropriate statistics course will be taken as agreed upon by the graduate student and the student's supervisory committee.

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## Admission and Application Requirements

- Graduate School admission and application requirements are found on the Admission Information (<http://catalog.ndsu.edu/graduate/admission-information/>) page.
- In addition, this program requires applicants to have adequate preparation in biochemistry/chemistry and the biological sciences, including microbiology.