

# Cereal Science

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## Department Information

- **Department Chair:**  
Richard Horsley, Ph.D.
- **Program Coordinator:**  
Frank Manthey, Ph.D.
- **Department Location:**  
Plant Sciences, Loftsgard Hall
- **Department Phone:**  
(701) 231-7971
- **Department Web Site:**  
[www.ag.ndsu.edu/plantsciences/](http://www.ag.ndsu.edu/plantsciences/) (<http://www.ag.ndsu.edu/plantsciences/>)
- **Application Deadline:**  
International applications are due May 1 for Fall and October 15 for Spring. Domestic applicants should apply at least one month prior to the start of classes.
- **Credential Offered:**  
Ph.D., M.S.
- **English Proficiency Requirements:**  
TOEFL iBT 71, IELTS 6; Duolingo 100

An accelerated **Master of Science program** is available for students currently enrolled in the undergraduate Food Science program at North Dakota State University. Students will be required to complete 31 credits consisting of 19 didactic credits (600/700 level), 2 graduate seminar credits (CFS 790) and 10 research credits (CFS 798) and maintain a graduate GPA of 3.0. Students will be required to complete a thesis.

Fifteen (15) of the didactic credits can be used to meet the requirement for the B.S. degree. A graduate stipend or assistantship will not be provided until the B.S. degree is granted. However, students are eligible for hourly funding (i.e., time slip) if available at any time after being accepted into the accelerated M.S. program and may qualify for tuition waiver on graduate courses. Upon completion of the B.S. degree requirement, students are eligible for assistantships pending availability. Differential tuition applies. Graduate tuition rates will apply to graduate level courses while undergraduate tuition applies to undergraduate courses.

## Eligibility and Admission:

An online submission to the Graduate School is required. Students interested in the accelerated M.S. degree should consider submitting the application during their junior year or just before their senior year. For eligibility and admission please see information below.

### *At the time of application, the student:*

- Must have completed at least **60 credits** towards their B.S. degree before conditional admission.
- Must have completed at least **30 credits** at NDSU before conditional admission.
- Must have a cumulative **GPA of 3.5** at NDSU to be eligible for conditional admission.
- Must have completed an introductory food science course (CFS 200 Introduction to Food Systems or CFS 210 Introduction to Food Science and Technology), introductory food processing (CFS 370 Food Processing I), MATH 146 Applied Calculus I or higher and general chemistry (CHEM 121 General Chemistry I).
- Must have completed or be concurrently taking MICR 350 General Microbiology, CHEM 341 Organic Chemistry I and BIOC 460 Foundations of Biochemistry and Molecular Biology I. MICR 202 Introductory Microbiology, CHEM 240 Survey of Organic Chemistry, and BIOC 260 Elements of Biochemistry courses, respectively, cannot serve as substitutes for the aforementioned courses.

### *Rules for Accepted Students:*

- All admissions will be conditional. The minimum condition is completion of the B.S. degree prior to full standing in M.S. program.
- No undergraduate courses (100-400) may be counted toward a M.S. degree.
- Courses completed at the 600 level prior to be accepted to the program may be counted toward a M.S. degree.
- A maximum of 15 credits in the M.S. program can be used to meet the requirements for the B.S. degree.
- Students entering the M.S. degree with a B.S. degree in hand may not use courses earned as part of the bachelors program for the M.S. requirements.
- The student must meet all of the requirements that would normally be expected of a student in the M.S. program.

- All incoming graduate students will be given a written examination before the beginning of their first semester to assess their proficiency in English / Scientific writing.
- Graduate stipend or assistantship will not be provided until B.S. degree is granted. However, students are eligible for hourly funding (time slip) if available and may qualify for a tuition waiver. Upon completion of the B.S. degree requirement, students are eligible for and assistantships pending availability.