

Name \_\_\_\_\_  
Last First MI

**CERTIFICATION OF GRADUATE COURSE PROGRAM**  
**FOOD ENGINEERING**

(Beginning 1/04)  
Department of Food Science  
University of Wisconsin-Madison  
Madison, WI 53706

Students wishing to present themselves as candidates for an advanced degree with a major program in the Department should prepare this form for Certification Committee approval (three copies for MS or four for PhD). After obtaining approval of the major professor, the candidate will bring the original form and sufficient copies, plus transcripts of all college or university work, in person, to a meeting of the Certification Committee for its consideration. After favorable action by the Committee, one copy will be kept in the Departmental file, one will go to the major professor, one to the student, and one to the minor department, if appropriate. *At the time of the MS Examination or Preliminary PhD Examination, the candidate must present Certification forms, Approval for Examination forms, and transcripts of all college courses.*

SUMMARY FOR ADVANCED DEGREE CERTIFICATION -

**FOOD SCIENCE**

DEGREE (Check One)

- MS  PhD Joint Major  
 PhD Major

Major Professor \_\_\_\_\_

Minor Subject (PhD) \_\_\_\_\_

Minor Professor (PhD) \_\_\_\_\_

BACKGROUND INFORMATION

Undergraduate Institution \_\_\_\_\_

Country \_\_\_\_\_ Dates \_\_\_\_\_ to \_\_\_\_\_

Major \_\_\_\_\_ Degree & Date \_\_\_\_\_

Previous Graduate Degrees

1. Institution (or university) \_\_\_\_\_ Country \_\_\_\_\_ Dates \_\_\_\_\_ to \_\_\_\_\_

Degree & Date \_\_\_\_\_ Major \_\_\_\_\_ Major Advisor \_\_\_\_\_ Minor \_\_\_\_\_

2. Institution (or university) \_\_\_\_\_ Country \_\_\_\_\_ Dates \_\_\_\_\_ to \_\_\_\_\_

Degree & Date \_\_\_\_\_ Major \_\_\_\_\_ Major Advisor \_\_\_\_\_ Minor \_\_\_\_\_

## Food Engineering Option Graduate Curriculum Requirements

### To Enter Graduate Program as M.S. or Ph.D. degree candidate

Requirement/Course	M.S.	Ph.D.	UW-Madison or Equivalent (specify institution, Dept, course #, course title)	Credits	Grade(s)	To be Taken
Organic Chemistry - crse	I	1				
Biochemistry - crse	1	1				
B.S. in Engineering						

### Core Food Science Courses for M.S. or Ph.D. candidates

Requirement/Course	UW Course	UW-Madison or Equivalent (specify institution, Dept, course #, course title)	Credits	Grade(s)	To be Taken
Food Microbiology	FS 325				
Food Chemistry	FS 410				
Food Engineering	FS 542 or FS 565				

### Core Graduate Food Science Courses (credit requirements)

Requirement/Course	M.S.	Ph.D.	UW-Madison or Equivalent (specify institution, Dept, course #, course title)	Credits	Grade(s)	To be Taken
Professional Practice FS 600	1	1				
Teaching Practicum FS799	--	2				
Graduate Seminar <sup>1</sup> FS 900	1	2				
Food Engineering <sup>2</sup> - select from:	4	8 <sup>3</sup>				
FS 640, 642, and 718						

<sup>1</sup>Students are required to attend Graduate seminar each semester while enrolled in full-time graduate studies

<sup>2</sup>Not more than 4 credits for UW equivalent courses may be applied to Ph.D. requirements from prior M.S. degree coursework

<sup>3</sup>One course only allowed to be chosen from: FS 610, 611, 612, 704, 710, or 714.

**Required Courses Outside Food Science**

Requirement/Course	M.S.	Ph.D.	UW-Madison or Equivalent (specify institution, Dept, course #, course title)	Credits	Grade(s)	To be Taken
Statistics (Stats 424)	1 crse	1 crse				
Minor <sup>4</sup>	--	10+ cr				

<sup>4</sup>The Graduate School requires a Ph.D. minor. Option A requires a minimum of 10 credits in a single department/major field of study. Selection of this option requires the approval of the minor. department. Option B requires a minimum of 10 credits in one or more departments, but not Food Science. Selection of Option B requires the approval of the Food Science department. Courses must be 500 level or above, or otherwise recognized as being graduate level (50% or more of the students enrolled in the course have historically been graduate students). No more than 6 credits can be applied from a prior master's degree.

**Additional Courses required by Graduate Program Advisory Committee**

Requirement/Course	M.S.	Ph.D.	UW-Madison or Equivalent (specify institution, Dept, course #, course title)	Credits	Grade(s)	To be Taken

**Residency Requirement**

The Graduate School requires a minimum of 16 graduate credits for a master's degree and 32 graduate credits for a Ph.D degree (300 level or above, including FS 990, no audits or pass/fail) taken as a graduate student at UW-Madison.

**TEACHING REQUIREMENT (PhD ONL Y)**  
 (See "Requirements for Advanced Degrees" section V.F. and Appendix B)

This section must be approved and signed by the Laboratory Instruction Committee before receiving Graduate Course Program Approval.

Which instructional workshop(s) has been or will be taken?

<u>Workshop</u>	<u>Date taken or planned</u>
___ CAVE 741,	_____
___ Bot/Zoo 969,	_____
___ International TA Short Course	_____

<input type="checkbox"/> Teaching Requirement was fulfilled before entering the PhD Program	▪ Attach letter from an official of the University where your teaching experience was gained.
<input type="checkbox"/> Teaching Requirement was fulfilled during the PhD Program	▪ Course taught in: _____ (Attach letter if outside Department)
<input type="checkbox"/> Teaching Requirement to be fulfilled during the PhD Program	▪ Semesters when you can complete the Practicum: _____ ▪ Latest semester you can complete the Practicum without interfering with establishing dissertator status: _____ ▪ Preferences for courses for the Practicum:
Laboratory Instruction Committee Signatures: _____	Chair _____
	Student Rep. _____
	Date _____

**PROGRAM APPROVAL**

Major Professor \_\_\_\_\_ Date \_\_\_\_\_

Action of Graduate Program Advisory Committee:  Approved  Resubmit

Approved pending the following: \_\_\_\_\_

Committee Signatures: \_\_\_\_\_, major professor Date \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_,  
 \_\_\_\_\_,  
 \_\_\_\_\_,