CERTIFICATION OF FOOD SCIENCE GRADUATE COURSE PROGRAM
(For students entering the program Fall 2014 academic semester)
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 approval by the following groups (a) the practicum requirement by Graduate
Program chair, (b) proposed coursework plan by major advisor and (c) and the coursework plan needs the final
approval from the Graduate Student Advisory committee. Three copies of this form are needed for MS and
four for PhD students. The candidate will bring the original form and sufficient copies, plus transcripts of all college
or university work, in person, to a meeting (usually one of the initial meetings) of the Graduate Student
Advisory Committee (GPAC) 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.

DEGREE (check one)

☐ MS
☐ PhD Major
☐ PhD Joint Major

Major Professor: ___________________________ Theme (if distributed minor): _____________________
Minor Subject (PhD): _______________________ ____________________________________________
Minor Professor (PhD): _____________________ ____________________________________________

BACKGROUND INFORMATION

Undergraduate Institution: _______________________________

Country: _______________ Dates: _______________

Major: _______________ Degree & Date: __________________

PREVIOUS GRADUATE DEGREES

1. Institution: ________________________ Country: ________________________ Dates: ____________
   Degree & Date: ________________________ Major: ________________________ Minor: ____________
   Major Advisor: ________________________

2. Institution: ________________________ Country: ________________________ Dates: ____________
   Degree & Date: ________________________ Major: ________________________ Minor: ____________
   Major Advisor: ________________________
### Core Food Science Courses for M.S. or Ph.D. Candidates

<table>
<thead>
<tr>
<th>Requirement/Course</th>
<th>MS</th>
<th>PhD</th>
<th>UW-Madison course; or equivalent (specify institution, dept, course# &amp; title)</th>
<th>Credit(s)</th>
<th>Grade(s)</th>
<th>Semester Taken*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degree</td>
<td>B.S./B.E.</td>
<td>M.S.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>*UW Chem 341, 343, 345</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biochemistry</td>
<td>*UW Biochem 501, 510, 651</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* examples of equivalent courses at UW-Madison

### Core Graduate Level Food Science Courses for M.S. or Ph.D. Candidates (Credit Requirements)

<table>
<thead>
<tr>
<th>Requirement/Course</th>
<th>MS</th>
<th>PhD</th>
<th>UW-Madison course; or equivalent (specify institution, dept, course# &amp; title)</th>
<th>Credit(s)</th>
<th>Grade(s)</th>
<th>Semester Taken*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching Practicum (FS 799)</td>
<td>---</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Affiliated Instructional course or workshop</td>
<td>---</td>
<td>0-3</td>
<td>(see top of page 4 for additional information)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Seminar (FS 900)</td>
<td>1</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Food Science Courses (600+ EXCLUDING 699)</td>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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1. Not more than 4 credits for UW Food Science equivalent courses may be applied to Ph.D. requirements from prior M.S. degree coursework.

2. For PhD students, the graduate student advisory committee may advise the student to take a maximum of 2 credits outside the food science program and count those credits towards the 8 credit food science graduate course requirements, these 2 credits must be at graduate level, and should only be used in the case of insufficient food science graduate courses being offered. A course used to fulfill the Food Science graduate credit requirement cannot be used again to fulfill the 10 credit minor requirement.

3. Students are required to attend Graduate seminar each semester while enrolled in full-time graduate studies, MS students must give 1 public/departmental seminar (graded) while PhD students must give two seminars (graded).
### Required Courses Outside of Food Science

<table>
<thead>
<tr>
<th>Requirement/Course</th>
<th>MS</th>
<th>PhD</th>
<th>UW-Madison course; or equivalent (specify institution, dept, course# &amp; title)</th>
<th>Credit(s)</th>
<th>Grade(s)</th>
<th>Semester Taken*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statistics^4</td>
<td>Yes</td>
<td>Yes</td>
<td><em>(state theme of Dist. Minor courses on pg 1)</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor^5</td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

^4 One course is required; Stats 571 or Stats 424 are suggested courses if the student has not taken a prior course in statistics.

^5 There are two options for a 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 (Identify Minor professor on the front page of this certification form). Option B (distributed minor) requires a minimum of 10 credits of courses 500+ level conforming to a common theme in more than one department. No more than 6 credits from prior graduate level coursework may be applied toward fulfillment of the minor requirement.

### Other Courses Required By GPAC^6

<table>
<thead>
<tr>
<th>Requirement/Course</th>
<th>MS</th>
<th>PhD</th>
<th>UW-Madison course; or equivalent (specify institution, dept, course# &amp; title)</th>
<th>Credit(s)</th>
<th>Grade(s)</th>
<th>Semester Taken*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 990 (from table below)</td>
<td>box I</td>
<td>box J</td>
<td></td>
<td></td>
<td></td>
<td>various</td>
</tr>
</tbody>
</table>

^6 Additional courses may be required as decided by individual graduate student advisory committee (e.g. if the student has a perceived deficiency in a key aspect that could be remedied by taking a course, or if a particular course was considered to be an important course to support the research topic of the student).

**Enter cumulative graduate degree (GD) and graduate course (GC) below in Table boxes a-d ∑**

### Total Credits Toward Graduate Residence Requirement: MS (≥16) PhD (≥32) (300+ level, including FS 990)

[students earning an MS degree at UW-Madison <5 years prior to entering PhD see Graduate Program Coordinator for assistance]

**Thesis Credts (FS 990) Required to Satisfy Graduate Degree (30/51; MS/PhD) and Course (15/26) Credits^7**

<table>
<thead>
<tr>
<th>∑ Credits toward Requirements</th>
<th>MS</th>
<th>PhD</th>
<th>Deficit in ∑ Credit Requirement based on coursework required for degree program</th>
<th>MS</th>
<th>PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enter ∑ Graduate degree credits (300+ courses)</td>
<td>a</td>
<td>b</td>
<td>Enter deficit of Graduate degree credits to attain 30 for MS program and 51 for PhD program: 30-a or 51-b</td>
<td>e</td>
<td>f</td>
</tr>
<tr>
<td>Enter ∑ Graduate course credits (FS 600+, 700 level &amp; “G50%” courses)</td>
<td>c</td>
<td>d</td>
<td>Enter deficit of Graduate course credits to attain 15 for MS program and 26 for PhD program (300+ courses): 15-c or 26-d</td>
<td>g</td>
<td>h</td>
</tr>
</tbody>
</table>

**FS 990 credits required to satisfy Graduate School requirements**

| FS 990 | 1 | J |

^7 Certified coursework for M.S. and Ph.D degrees must reach a respective minimum of 30 and 51 graduate degree credits, with ≥50% of those credits defined as “Graduate Course Credits” (numbered 700 and above; numbered 300-699 that are specifically designed for graduate students in a graduate program; numbered 300-699 that assess graduate students separately from undergraduate students – Such courses will be designated as “G50%”). **Additional elective courses should NOT be listed on this certified coursework form.**
TEACHING (PRACTICUM) REQUIREMENT (PhD ONLY)

(See "Graduate Student Handbook" section V.F. and Appendix B)

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

Part I: Completion of a teaching/learning class or workshop

- **International students** are required to complete an International Students Assistants (ITA) workshop (available both semesters and summer).
- **All TA and practicum students** must take CALS/COE TA training session: either “TIP”: http://wendt.engr.wisc.edu/tip/ for continuing TAs or “NEO” http://wendt.engr.wisc.edu/neos/ for new TAs and practicum students
- In addition, the Delta Program offers courses that can be found at their website: http://www.delta.wisc.edu/Courses/grad_courses_main.html
- It is recommended that this part of the teaching requirement be completed before participating in part two: class room or laboratory teaching.

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

<table>
<thead>
<tr>
<th>Workshop/Course*</th>
<th>Date taken or planned</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ ITA workshop</td>
<td></td>
</tr>
<tr>
<td>□ *EPD 654 Teach.Sci&amp;Engineer.(Delta Prog, 2-3 cr)</td>
<td></td>
</tr>
<tr>
<td>□ *Plant Path 800: Inquiry-based Biol.Teach. (1-2 cr)</td>
<td></td>
</tr>
<tr>
<td>□ *Other Course: (provide syllabus + cr)</td>
<td></td>
</tr>
</tbody>
</table>

*Enter course with credits on pg 2

Part II: In-class laboratory teaching

If you previously completed a practicum experience at another University attach supporting documentation including a description of the course.

Graduate Program Chair Signature Date

Pre-approval of coursework plan as submitted to GPAC for certification

Major Professor Date

Program Approval

Action of Graduate Student Advisory Committee

☐ Approved

☐ Resubmit

☐ Approved pending the following:

Graduate Student Advisory Committee: Date:

Print Names: Signatures:

_________________________ Advisor ___________________________

_________________________ Member ___________________________

_________________________ Member ___________________________

_________________________ Member ___________________________

_________________________ Member ___________________________