



# An ANFS Graduate Student Primer

## *Requirements, Resources and Tips*

*prepared by*

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# Overview

- Requirements
  - Degree Requirements
  - Timelines and Deadlines
- Resources
  - Facilities and Instrumentation
  - Electronic Resources
  - Training and Workshops
- Tips
  - Getting Oriented
  - Keeping Fit and Safe



# Overview

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# Degree Requirements

- ANFS Master's Degree Requirements
  - Committee
  - Courses
  - Timeline
  - Thesis and Defense
- ANFS Ph.D. Requirements
  - Committee
  - Courses
  - Timeline
  - Qualifying Examination
  - Dissertation and Defense

# ANFS Master's Degree Requirements

- **Committee**
  - Consists of (3) faculty members, including advisor
  - 1<sup>st</sup> year – proposal presentation and defense
  - Department Chair *ex officio* member of all committees
- **Courses**
  - Total of 30 credits required
    - ANFS/FOSC 865 Graduate Seminar (1 cr. hr.)
    - Biochemistry (CHEM 527, 641) and Statistics (STAT or FREC 608, 806) (6 cr. hrs.)
    - Other graduate level electives (17 cr. hrs., including up to 3 cr. hrs. Graduate Research)
    - Thesis (6 cr. hrs.)
    - Cumulative GPA must be 3.0 or greater, failure to meet this for any semester results in academic probation
    - Two consecutive semesters with GPA less than 3.0 results in dismissal



# ANFS Master's Degree Requirements

- **Timeline**

- Maximum of 10 consecutive semesters (usually 4 – 6 semesters)
- Degree Progress Form Required (09 admission)
- Coursework concomitant with research (6 – 7 cr. hrs. semester)

- **Thesis and Defense**

- Presentation to public and committee
- Defense of thesis to Committee
- Submit thesis to Grad Office

**DEPARTMENT OF ANIMAL AND FOOD SCIENCES  
M.S. CANDIDATE PROGRESS REPORT**

Student's Name: \_\_\_\_\_ Major Professor: \_\_\_\_\_

<b>ACTIVITY</b>	<b>DATE</b>
Date of Initial Enrollment	
Date of Expected Graduation	
Thesis Committee Composition	
Course Plan Approved by the Committee	
Proposal Approved by the Committee	
Title of Thesis	

Form Available in MS-Word and PDF: [http://ag.udel.edu/anfs/anfs\\_grad.html](http://ag.udel.edu/anfs/anfs_grad.html)

# ANFS Master's Degree Deadlines

- **General Timeline**

- First year – coursework, committee established and proposal defended
- Second year – coursework, meet with committee, begin thesis
- End of Second year – Thesis defense, submission and graduation

- **Deadlines**

- Thesis defense and submission for graduation:
  - Winter – January 12, 2011
  - Spring – April 25, 2011
  - Summer – May 17, 2011

# Degree Requirements

- ANFS Ph.D. Requirements
  - Committee
    - made up of 4 - 6 members, at least (1) outside the Dept.
    - no more than  $\frac{1}{2}$  may be outside the Dept.
  - Courses
    - ANFS 865, CHEM 641 + 642, and STAT class (FREC 608, 806 or equivalent)
    - No other set course requirements (in terms of # of credit hours)
    - Comprehensive examination (Qualifiers) required
    - Ph.D. Graduate Progress Form

**DEPARTMENT OF ANIMAL AND FOOD SCIENCES  
Ph.D. CANDIDATE PROGRESS REPORT**

Student's Name: \_\_\_\_\_ Major Professor: \_\_\_\_\_

<b>ACTIVITY</b>	<b>DATE</b>
Date of Initial Enrollment	
Date of Expected Graduation	
Thesis Committee Composition	
Course Plan Approved by the Committee	
Proposal Approved by the Committee	
Title of Thesis	
Qualifying Exam Completed	
Final Oral Defense Completed	
Manuscript Submitted to a Journal	
Dissertation Signed	

Form Available in MS-Word and PDF: [http://ag.udel.edu/anfs/anfs\\_grad.html](http://ag.udel.edu/anfs/anfs_grad.html)



# Degree Requirements

- ANFS Ph.D. Requirements

- Timeline

- Maximum of 14 semesters following Bachelor's
- Maximum of 10 semesters following Master's
- Establish Committee (1<sup>st</sup> year)
- Proposal Defense (end of 1<sup>st</sup> year)

- Qualifying Examination

- Format – USDA, NSF, NIH or other Govt. Agency proposal, presentation and defense
- Outcome – pass, fail, or pass with qualification (repeat or additional coursework)
- After 2nd year



# Degree Requirements

- ANFS Ph.D. Requirements
  - Dissertation and Defense
    - Public presentation
    - Defense to Committee
    - Submission of Completed Dissertation
    - Deadlines for 2010/2011:
      - *Admission to Doctoral Candidacy*
        - Fall 2010 -> already past (August 31)
        - Winter 2011 -> already past (August 31)
        - Spring 2011 -> February 1, 2010
      - *Submission of Final Dissertation*
        - Fall 2010 -> November 15, 2010
        - Winter 2011 -> January 18, 2011
        - Spring 2011 -> April 18, 2011



# Additional Grad Requirements

- Presentation of data at meetings
- Manuscripts and publications
- Residency – at least one full year (two semesters) of full-time study
- Graduate Exit Survey – Helps address problems, increase impact of Grad Program through Graduate Assessment



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- **Tips**
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  - **Keeping Fit and Safe**



# Resources

- Facilities and Instrumentation
  - [General Departmental Resources](#)
  - [Bioimaging and Microscopy](#)
  - [DBI Core Instrumentation](#)
  - [Biological Sciences Instruments](#)
- Electronic Resources
  - [Libraries and Databases](#)
  - [Electronic Journals](#)
  - [NCBI](#)
- Training and Workshops
  - [Dissertation Boot-Camp](#)
  - [Writing Center](#)
  - [Ethics in Research](#)
  - [English as second language](#)



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# Helpful Links

- Requirements

- University Grad Webpage: <http://www.udel.edu/gradoffice/>
- Policies and Procedures: <http://www.udel.edu/gradoffice/polproc/>
- College Grad Webpage: <http://ag.udel.edu/gradprogramresearch.html>
- Departmental Webpage: [http://ag.udel.edu/anfs/anfs\\_grad.html](http://ag.udel.edu/anfs/anfs_grad.html)

- Resources

- ANFS Facilities: <http://ag.udel.edu/facilities/facilities.htm>
- Biological Sciences/DBI Facilities:  
<http://www.bio.udel.edu/research/facilities-and-equipment.php>  
<http://www.dbi.udel.edu/coreinstrumentation.html>
- Training and Workshops: <http://www.udel.edu/research/students/index.html>
- Literature databases: <http://www.lib.udel.edu/db/>
- Reference and Bibliography Software:  
<http://www2.lib.udel.edu/database/refworks.html>
- Pub-crawler (term search for journals): <http://pubcrawler.gen.tcd.ie/>
- Web of Science:  
[http://apps.isiknowledge.com/WOS\\_GeneralSearch\\_input.do?product=WOS&search\\_mode=GeneralSearch&SID=2FnflFKMfECEjL8do4c&preferencesSaved=&highlighted\\_tab=WOS](http://apps.isiknowledge.com/WOS_GeneralSearch_input.do?product=WOS&search_mode=GeneralSearch&SID=2FnflFKMfECEjL8do4c&preferencesSaved=&highlighted_tab=WOS)



# Helpful Links

- **Tips**

- Getting Oriented: <http://www.udel.edu/gradoffice/polproc/#steps>
- Keeping Fit and Safe: : <http://www.udel.edu/fitness/>
- Chinese Student Organization:  
<http://copland.udel.edu/stu-org/CCSA/>
- Indian Student Organization:  
<http://copland.udel.edu/stu-org/isa/>
- Multi-cultural Student Organizations:  
<http://www.udel.edu/diversity/StudentResources.html#Multi>
- Graduate Student Organizations:  
<http://www.udel.edu/gradoffice/diversity/>
- Health Benefits: <http://www.udel.edu/shs/>
- English Language Institute: <http://www.udel.edu/eli/>
- Check for plagiarism.com: <http://www.checkforplagiarism.com/>