

University of Delaware
Biomechanics and Movement Science
Interdisciplinary Master's and Ph.D. Program



Program Policy Statement¹

Part I. Program History

- A. Mission Statement
- B. Origin of the Program
- C. Current Status
- D. Degrees Offered

Part II. Admission

- A. University Policy on Admission
- B. University Admission Procedures
- C. Specific Requirements for Admission into the BIOMS Program
- D. Admission Application Processing
- E. Admission Status

Part III. Degree Requirements for the Master of Science in Biomechanics and Movement Science

- A. Course Requirements
- B. Revisions to Planned Program of Study
- C. Regulations Governing Theses
- D. Articulation Between Master's and Doctoral Degrees

Part IV. Degree Requirements for the Doctor of Philosophy in Biomechanics and Movement Science

- A. Course Requirements
- B. Revisions to Planned Program of Study
- C. Regulations Governing Dissertation
- D. Residency Requirements
- E. University Requirements and Deadlines for Admission to Doctoral Candidacy
- F. Registration Requirements Prior to Doctoral Candidacy (G1 Status)
- G. Registration Requirements after Admission to Candidacy (G2 Status)

Part V. General Information Relevant to Both Master's and Doctoral Degree Candidates

- A. Financial Assistance
- B. Graduate Course Numbering System
- C. Application for Advanced Degree
- D. Graduate Grade Point Average
- E. Time Limits for the Completion of Degree Requirements
- F. Extension of the Time Limit
- G. Sustaining Status for Candidates Pursuing Thesis/Dissertation Degree Option
- H. Transfer of Credit Earned as a Continuing Education Student at the University of Delaware
- I. Transfer of Credit from Another Institution
- J. Transfer of Credit from the Undergraduate Division at the University of Delaware

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- K. Credit for "Special Problem" Course Taken as a Graduate Student
 - L. Expiration of Credit
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Part I. Program History

A. Mission Statement

The human body is comprised of a variety of complex, integrated systems. An understanding of the role of these systems with respect to even a limited set of problems, such as the performance of everyday or highly skilled motor activities or the causes and resolution of bone/joint dysfunction, requires experimental approaches from a number of disciplines. As a result, a group of faculty at the University has assembled with a mission to study the body from an interdisciplinary approach. An understanding of structural integrity along with movement generation is the basis for this program of study. The faculty come from backgrounds in physiology, biomechanics, computer science, engineering, motor control and rehabilitation science. Interests range from robotic interfaces for environmental controls for the disabled, to fracture fixation, to understanding of normal and pathological movement.

A significant percentage of the population has some form of physical disability that limits their functional abilities. The form of these disabilities may be progressive deterioration of tissue, congenital defects or trauma-inflicted damage. The adverse effects of many disabilities could be reduced or alleviated through appropriate research on topics ranging from microscopic bone remodeling to corrective device development.

The program title stems from the fact that although biomechanical methods are important to gain an understanding of human movement, such methods also play an important role in non-movement problems such as bone remodeling after injury or developing better prosthetic devices. Thus, the program attempts to bring together scientists from a number of complementary disciplines to address unresolved problems of human function that are related both directly and indirectly to problems of movement. The interdisciplinary nature of the program encourages collaborative efforts incorporating biomechanics, human physiology, motor neurophysiology, engineering and computational approaches, with the goal of improving human life. Such efforts will, in time, advance and amplify the ability of medical practitioners to respond to maladies and to prescribe appropriate preventative or corrective measures.

We believe that this program provides an opportunity for graduate students to study the human body in a way not possible through any of the traditional programs currently offered at this university.

B. Origin of the Program

This program was formed by a group of twenty faculty and administrators from four different units. The impetus for a single unified program of study grew out of the realization that each of the four units was seeking a vehicle to create an academic program that dealt with the application of science and engineering toward solving the problems realized by the physically challenged. During the initial phase of planning, the group examined and analyzed models of existing programs in biomedical and rehabilitation engineering from institutions around the country. In addition, advice was sought from administrators of Operations Research, the University's only intercollegiate, interdisciplinary graduate program. Directors of other graduate degree programs on campus were contacted for input on how the creation of this program would impact existing graduate degree programs. The resulting program represents the synthesis of countless communications between group members, and an astounding quantity of consensus decisions reached through in-depth discussions of course requirements, seminar formats, student recruitment and admission policies, administrative structures and responsibilities, and numerous additional details.

C. Current Status

The Interdisciplinary Program in Biomechanics and Movement Science was awarded provisional status starting September 1, 1994. **It was awarded permanent status in 2000.**

D. Degrees Offered

The degrees awarded to those who complete this program will be either a Master's of Science in Biomechanics and Movement Science, or a Doctor of Philosophy in Biomechanics and Movement Science.

Part II. Admission

A. University Policy on Admission

Admission to the graduate program is competitive. Those who meet stated minimum requirements are not guaranteed admission, nor are those who fail to meet all of those requirements necessarily precluded from admission if they offer other appropriate strengths.

B. University Admission Procedures

BIOMS accepts applications throughout the year on a rolling basis. Students can enroll for Fall, or Spring semester or Winter or Summer Special Sessions. Admission application forms are available online: <http://www.udel.edu/gradoffice/applicants/>. All applications are web based.

C. Specific Requirements for Admission into the Biomechanics and Movement Science Program

Admission decisions are made by the Executive Committee of the Biomechanics and Movement Science Program. Students will be admitted to the program based upon enrollment availability and their ability to meet the following minimum recommended entrance requirements.

- Baccalaureate degree from an accredited college or university
- A GRE score of 1050 on math and verbal sections combined
- A undergraduate GPA of 3.0 or higher
- Math through calculus (2 semesters)
- Anatomy/Physiology
- Physics (2 Semesters)
- Chemistry (2 Semesters)

Applicants applying to the doctoral program must meet one of the following additional requirements

- A Master's degree
- A Professional Doctorate (e.g., DPT, DO)

In addition, applicants must meet the following entrance requirements

- Acceptance by a primary advisor

All accepted students are expected to submit a planned program of study by the end of their first semester, created with their primary advisors. An area of concentration must be declared in the program of study document. Areas of concentration within BIOMS include: Biomechanics/Applied Anatomy, Motor Control/Behavior, Applied/Exercise Physiology, Rehabilitation Engineering, and Molecular/Tissue Biomechanics

D. Admission Application Processing

The admission process is completed as follows: First, completed applications consisting of the application form, undergraduate/graduate transcripts, official GRE scores, letters of recommendation, and the written statement of goals and objectives are reviewed by the Biomechanics and Movement Science Executive Committee. If the student has not previously been accepted by an advisor and pending a successful review of the initial application materials, the application is circulated to all Biomechanics and Movement Science faculty in an effort to match the student with a faculty advisor. Faculty members tend to advise students whose background, goals, and objectives are compatible with their own areas of research and funding. The Executive Committee arrives at an admission decision after reviewing the completed application.

Applications are processed as they are submitted.

E. Admission Status

Students admitted into the Biomechanics and Movement Science Program may be admitted into one of three categories.

- 1) Regular. Regular status is offered to students who meet all of the established entrance requirements, who have a record of high scholarship in their fields of specialization, and who have the ability, interest, and maturity necessary for successful study at the graduate level in a degree program.
- 2) Provisional. Provisional status is offered to students who are seeking admission to the degree program but lack one or more of the specified prerequisites. All provisional requirements must be met within the deadline given before regular status can be granted. Students admitted with provisional status are generally not eligible for assistantships or fellowships. Students who file an application during the final year of undergraduate or current graduate work and are unable to supply complete official transcripts showing the conferral of the degree will be admitted pending conferral of the degree if their records are otherwise satisfactory and complete.
- 3) Visiting Student Scholars. Visiting scholar admission is offered to students who wish to transfer graduate credits to another institution. Visiting students must submit a letter from their graduate dean or registrar certifying that they are graduate students in good standing at another institution. Such letters will be accepted in lieu of the transcripts and GRE scores which are required of all other applicants. Visiting scholar status is generally limited to a period of two years and is a non-degree status. If visiting students desire to transfer to regular status at the University of Delaware, they must meet the stated admissions standards. Admission as a visiting student implies no commitment about later admission as a regular student or about transferability of courses from the student's original institution.

Part III. Degree Requirements for the Master of Science in Biomechanics and Movement Science

A. Course Requirements

The Master of Science in Biomechanics and Movement Science requires 24 credits of graduate-level coursework and 6 credits of thesis. The 24 credits of coursework are specified in the student's planned program of study, and must include at least 3 credits of Experimental Design or Statistics, and 3 credits of coursework in Instrumentation. Six of the 24 credits of coursework must come from areas outside of the student's principal area of study. In addition, students must register for and attend Seminar (BMSC 865) each semester they are enrolled.

Students in the Master's degree program are allowed to take a maximum of six credits of independent study. Additional independent study credits will not count towards graduation.

A maximum of 9 graduate credit hours may be transferred from another institution to the degree. Candidates for the degree must have regular status.

B. Revisions to Planned Program of Study

Students may need to alter approved programs of study once they have entered the program due to reasons that can include scheduling conflicts or the creation of new courses directly related to the student's goals. Students who wish to make changes to their program of study should first obtain permission from their advisor. The student must then make a written request to the Executive Committee to revise the program of study.

C. Regulations Governing Theses

1) Establishment of Thesis Committee: The student and his/her advisor will create a thesis committee at the time the student begins to develop the thesis proposal. The thesis committee shall include three University faculty from within the Biomechanics and Movement Science Program, and may have no more than six members. The thesis advisor must be a member of the BIOMS faculty and at least one of the BIOMS committee members must be from an area of focus in biomechanics and movement science different from that of the advisor. With the approval of the BIOMS Executive committee, a professional staff member who holds a secondary faculty appointment within an academic department may serve as a committee member. Faculty who have retired or resigned from the University may maintain committee membership or continue to chair committees of students whose work began under their direction prior to their retirement or departure from the University. BIOMS faculty who do not have regular faculty status may co-chair the thesis committee provided that the other co-chair meets the definition for regular faculty status. It is the responsibility of the thesis advisor to replace members who withdraw from the committee during the thesis process.

2) Defense of the Thesis Proposal: The thesis proposal must be in the format of an NIH R03 proposal. Sections A-E of the Research Plan must be included. The thesis proposal defense will be scheduled only after a majority of members of the thesis committee have determined that a defense is appropriate. A final copy of the thesis proposal must be delivered to the members of the thesis committee at least two weeks in advance of the proposal defense. One copy of the thesis proposal must be delivered to each site supporting BIOMS faculty at least one week prior to the proposal defense. Prior to the presentation, proposals that involve the use of human subjects must receive approval from the University Institutional Review Board (IRB). Details for creating consent forms and submitting studies for review by the IRB can be obtained from Research and Graduate Studies (RGS).

The thesis proposal defense, will be open to the public, and invitations will be sent to all BIOMS faculty and students at least one week prior to the date of the defense. The candidate will present a summary of the proposed research, and will then field questions from the committee, attending faculty, and invited guests. After all questions have been fielded, the thesis committee will meet to decide whether the proposal is accepted, rejected, or accepted with stipulations. Results of the meeting will then be presented to the student. The student may not receive more than one dissenting vote from members of the committee to receive a passing grade.

Thesis committee members will sign the final copy of the approved proposal. A signed copy of the approved thesis proposal will be forwarded to the program director. Students who fail the thesis proposal defense will receive one additional opportunity to repeat the process and defend a new or modified thesis proposal.

3) Defense of the Thesis: The format of the thesis must adhere to the University's Thesis and Dissertation Manual. This document is available on the University's website, or it may be purchased at the University Bookstore. The thesis defense will be scheduled only after the chair of the thesis committee has

determined that a defense is appropriate. A copy of the thesis must be delivered to each site supporting BIOMS faculty at least one week prior to the proposal defense.

The thesis defense will be open to the public, and invitations will be sent to all BIOMS faculty and students at least one week prior to the defense. The candidate will present a summary of the completed research, and will then field questions from the committee, attending faculty, and invited guests. After all questions have been fielded, the thesis committee will meet privately to decide whether the thesis is accepted, rejected, or accepted pending revisions. Results of the meeting will then be presented to the student. The student may not receive more than one dissenting vote from members of the committee to receive a passing grade.

Master's theses are due in the Office of Graduate Studies six weeks prior to the date of degree conferral.

4) Processing the Final Document: Three copies of the thesis must be approved by the chair of the student's advisory committee, the Director of the Biomechanics and Movement Science program, and the Vice Provost for Academic Programs and Planning. A separate abstract and abstract approval page must be submitted with the thesis. The thesis must be submitted to the Office of Graduate Studies for approval not later than six weeks prior to the degree conferral date.

The University reserves the right to duplicate a thesis for distribution to other libraries or for the use of individual scholars. However, the University will not publish a thesis for general distribution without the written consent of the author. If copyrighting of a master's thesis is desired, it must be done by direct application to the Copyright Office in Washington, D.C. Published works are eligible for copyright protection in the United States if the work is first published in the United States.

D. Articulation Between Master's and Doctoral Degrees:

The master's degree is considered terminal unless the student plans to continue in a doctoral program. Students receiving their master's degree at the University of Delaware are not eligible to remain classified as graduate students and are automatically reclassified CEND (Continuing Education Nondegree) in any subsequent semester that they register following degree clearance unless the department, with the approval of the Graduate Office, has already admitted them to a doctoral program. The procedures for changing status after earning a master's degree are as follows:

If a master's degree candidate is continuing toward a doctoral degree in the same major as the master's degree, the student should request that the department submit a Change of Classification Form at the same time or before the student submits an application for the master's degree. If the department is unable to determine the student's eligibility to pursue a doctoral degree until after the master's degree is awarded, the department should notify the Research and Graduate Studies by writing such a statement on the student's master's degree application. A student's classification changes from GR (regular status in a master's degree program) to G1 (precandidacy) when admitted to a doctoral program.

If a master's degree candidate desires to continue toward a doctoral degree in a different major than the master's degree, the student should submit a completed admission application form to the Office of Graduate Studies and follow the same procedure for admission as any other applicant.

Part IV. Degree Requirements for the Doctor of Philosophy in Biomechanics and Movement Science

A. Course Requirements

The Doctor of Philosophy in Biomechanics and Movement Science requires 33 credits of graduate-level coursework beyond the master's degree and 9 credits of dissertation. The 33 credits of coursework are specified in the individual planned programs of study, and must include at least 3 credits of Experimental

Design or Statistics, and 3 credits of coursework in either Instrumentation, Computing, or Engineering applications. Six of the 33 credits of coursework must come from areas outside of the student's principal area of study. In addition, students must register for and attend Seminar (BMSC 865) each semester they are enrolled.

Students in the Doctoral degree program are allowed to apply a maximum of twelve credits of independent study and a maximum of six credits of research (BMSC 868). However, no more than twelve combined credits from research and independent study courses may be used to meet the 33 credit requirement.

B. Revisions to Planned Program of Study

Students may develop a need to alter previously approved programs of study once they have entered the program due to reasons that can include scheduling conflicts or the creation of new courses directly related to the student's goals. Students who wish to make changes to their program of study should first obtain permission from their advisor. The advisor must then make a written request to the Executive Committee to revise the program of study.

C. Regulations Governing Dissertations

1) Establishment of Dissertation Committee: The student and his/her advisor will create a dissertation committee at the time the student begins to develop the dissertation proposal. The dissertation committee shall include at least three University faculty from within the Biomechanics and Movement Science Program, and at least one member from outside of the program. The dissertation advisor must be a member of the BIOMS faculty, and at least one of the BIOMS committee members must be from an area of focus in biomechanics and movement science different than that of the advisor. With the approval of the BIOMS Executive committee, one professional staff member who holds a secondary faculty appointment within an academic department may serve as a committee member. However, all three within-program committee members must hold the doctoral degree. Faculty who have retired or resigned from the University may maintain committee membership or continue to chair committees of students whose work began under their direction prior to their retirement or departure from the University. BIOMS faculty who do not have regular faculty status may co-chair the dissertation committee provided that the other co-chair meets the definition for regular faculty status. Outside committee members must hold a doctoral degree, and shall include individuals not affiliated with the Biomechanics and Movement Science Program. These may be individuals from outside of the University who are nationally recognized for their expertise in the area of study specified by the dissertation. The Executive Committee must approve committee members from outside of the University. It is the responsibility of the dissertation advisor to replace members who withdraw from the committee during the dissertation process.

2) Defense of the Dissertation Proposal: The dissertation proposal must be in the format of an NIH R01 proposal. Sections A-E of the Research Plan must be included. The dissertation proposal defense will be scheduled only after a majority of members of the dissertation committee have determined that a defense is appropriate. A final copy of the dissertation proposal must be delivered to the members of the thesis committee at least two weeks in advance of the proposal defense. One copy of the dissertation proposal must be delivered to each site supporting BIOMS faculty at least one week prior to the proposal defense. Prior to the presentation, proposals that involve the use of human subjects must receive approval from the University Institutional Review Board (IRB). Details for creating consent forms and submitting studies for review by the IRB can be obtained from the Office of the Vice Provost for Research and Graduate Studies.

The Dissertation proposal defense, which serves as the Qualifying Examination for BIOMS, will be open to the public, and invitations will be sent to all BIOMS faculty and students at least one week prior to the defense date. The candidate will present a summary of the proposed research, and will then field questions from the committee, attending faculty, and invited guests. After all questions have been fielded, the dissertation committee will meet to decide whether the proposal is accepted, rejected, or accepted with

stipulations. Results of the meeting will then be presented to the student. The student may not receive more than one dissenting vote from members of the committee to receive a passing grade.

Dissertation committee members should sign the final copy of the approved proposal and the candidacy form. A signed copy of the approved dissertation proposal should be forwarded to the program director. Students who fail the dissertation proposal defense will receive one additional opportunity to repeat the process and defend a new or modified dissertation proposal.

4) Defense of the Dissertation: The format of the dissertation must adhere to guidelines specified in the University's Thesis and Dissertation Manual. The manual is available electronically on the Web at <http://www.udel.edu/gradoffice/current/thesismanual.html> . A copy of the dissertation must be delivered to each site supporting BIOMS faculty at least one week prior to the proposal defense. The dissertation defense will be scheduled only after the advisor of the dissertation committee has determined that a defense is appropriate.

The dissertation defense will be open to the public, and invitations will be sent to all BIOMS faculty and students at least one week prior to the defense date. The candidate will present a summary of the completed research, and will then field questions from the committee, attending faculty, and invited guests. After all questions have been fielded, the dissertation committee will meet to decide whether the dissertation is accepted, rejected, or accepted pending revisions. Results of the meeting will then be presented to the student. The student may not receive more than one dissenting vote from members of the committee to receive a passing grade.

5) Processing the Final Document: The University now processes theses and dissertations electronically. Step-by-step instructions are found on the RGS site at <http://www.udel.edu/gradoffice/current/stepby.html>.

The University reserves the right to duplicate a dissertation for distribution to other libraries or for the use of individual scholars. However, the University will not publish a dissertation for general distribution without the written consent of the author. If copyrighting of a dissertation is desired, it may be arranged when the dissertation is submitted to the Office of Graduate Studies. Published works are eligible for copyright protection in the United States if the work is first published in the United States.

D. Residency Requirements

At least three academic years of graduate work are normally required for the Ph.D. degree. At least one continuous academic year must be devoted exclusively to full-time study (9 credit hours per semester) in the major field in residence at the University of Delaware. This residency requirement may be fulfilled using a fall and spring semester combination or a spring and fall semester combination, but summer or winter sessions do not meet the qualification. Course credit earned in a master's program at the University of Delaware may be applied toward the doctoral degree residency requirement if the candidate is receiving both degrees from the University in the same major field.

E. University Requirements and Deadlines for Admission to Doctoral Candidacy

Upon the recommendation of the doctoral student's advisory committee and the chair of the student's major department, students may be admitted to candidacy for the Ph.D. degree. The stipulations for admission to doctoral candidacy are that the student has (1) had a program of study approved, (2) completed one academic year of full-time graduate study in residence at the University, and (3) had a dissertation proposal accepted by the advisory committee.

The deadline for admission to candidacy for the fall semester is August 31. The deadline for admission to candidacy for the spring semester is January 31. The deadline for admission to candidacy for the summer is

April 30. Responsibility for seeing that admission to candidacy is secured at the proper time rests with the student.

F. Registration Requirements Prior to Doctoral Candidacy (G1 Status)

Course registration requirements are determined by the student's approved program of study. Once the student has registered for all course requirements in a program of study but has not yet met all of the stipulations for passing into candidacy, the student must maintain registration during the fall and spring semesters in course(s) or in three to twelve credits of Pre-Candidacy Study (964). Pre-Candidacy Study (964) is graded pass/fail. If the student registered in Pre-Candidacy Study is admitted to candidacy before the end of the free drop/add period of the next semester, the registration in Pre-Candidacy Study (964) for the preceding semester may be changed to the course, Doctoral Dissertation (969). (Students who are classified G1 and are holding a graduate assistantship or tuition scholarship must be registered for a minimum of six graduate credits, and those holding a fellowship must be registered for a minimum of nine graduate credits.)

G. Registration Requirements after Admission to Candidacy (G2 Status)

Once a student has met all of the stipulations for candidacy and becomes classified with G2 status (candidacy), the student is required to register in nine credits of Doctoral Dissertation (969). Students may not register for Doctoral Dissertation (969) until admitted to candidacy (G2 status). Registration in Doctoral Dissertation (969) and Doctoral Sustaining (999) is restricted to students with G2 status. Once the student has registered in nine credits of Doctoral Dissertation, the student is required to maintain matriculation in the doctoral program by registering in Doctoral Sustaining (999) in subsequent semesters until the degree is awarded. All students must be registered in the term in which the degree is officially awarded. Sustaining registration is required in summer session if the degree is awarded at the conclusion of the summer session.

Part V. General Information Relevant to Both Master's and Doctoral Degree Candidates

A. Financial Assistance

Financial assistance for students in the BIOMS program is obtained from a variety of external sources and will therefore vary in form and availability. Assistance will be awarded on a competitive basis to applicants best fitting the needs of the granting agencies and sponsoring faculty. Students receiving full stipends will be expected to work up to 20 hours per week on faculty projects and students are expected to maintain full-time status.

B. Graduate Course Numbering System.

Graduate credit may be earned for courses numbered 600 to 699, 800 to 898, and 900 to 998. (Courses numbered 600 to 699 are graduate-level courses open to qualified, advanced undergraduates by permission of the instructor.) Courses numbered 500 to 599 are graduate courses for the nonspecialist and may not be counted for graduate credit in the student's major. With the approval of Biomechanics and Movement Science Executive Committee, 500-level courses taken outside the student's major department may be applied toward a graduate degree.

C. Application for Advanced Degree.

To initiate the process for degree conferral, candidates must submit an "Application for Advanced Degree" to the Office of Graduate Studies. The application deadlines are February 15 for Spring candidates, May 15 for Summer candidates, and September 15 for Winter candidates. The application must be signed by the candidate's adviser and by the director of Biomechanics and Movement Science program. There is an

application fee of \$35 for master's degree candidates and a \$95 fee for doctoral degree candidates. Payment is required when the application is submitted.

D. Graduate Grade Point Average.

Students must have a minimum overall cumulative grade point average of 3.0 to be eligible for the degree. In addition, the grades in courses applied toward the degree program must equal at least 3.0. All graduate-numbered courses taken with graduate student classification at the University of Delaware are applied to the cumulative index. Credit hours and courses for which the grade is below "C-" do not count toward the degree even though the grade is applied to the overall index. Candidates should see that all final grades have been submitted by their instructors. Temporary grades of "S" (Satisfactory) are assigned for 868 (Research) and 869 (Master's Thesis) and 969 (Doctoral Dissertation) until a final letter grade is submitted upon the completion of the thesis or dissertation.

E. Time Limits for the Completion of Degree Requirements.

Time limits for the completion of degree requirements begin with the date of matriculation and are specifically expressed in the student's letter of admission. The University policy for students entering a master's degree program is ten consecutive semesters to complete the degree requirements. Students completing the requirements for the master's degree who are subsequently granted permission to continue toward the doctoral degree are given an additional ten consecutive semesters. Students entering a doctoral program with a master's degree are given ten consecutive semesters to complete the requirements. Students entering a doctoral program without a master's degree are given fourteen consecutive semesters to complete the requirements. Students who change their degree plan and have transferred from one degree program to another degree program are given ten consecutive semesters from the beginning of the first year in the latest program.

F. Extension of the Time Limit.

An extension of time limit may be granted for circumstances beyond the student's control. Requests for time extensions must be made in writing and approved by the student's thesis/dissertation committee and the director of Biomechanics and Movement Science program. The director will forward the request to the Office of Graduate Studies. The Office of Graduate Studies will determine the student's eligibility for a time extension and will notify the student in writing of its decision to grant an extension of time.

G. Sustaining Status for Candidates Pursuing Thesis/Dissertation Degree Option.

Once a graduate student who is completing a thesis/dissertation option has completed all required course credits needed for the degree (including six credits of Master's thesis [869] or nine to twelve credits of dissertation [969]) and all other degree requirements except the submission of thesis or dissertation, the student is required to maintain his/her matriculation in the degree program during the fall and spring semesters by registering for either Master's Sustaining: Thesis (UNIV 899) or Doctoral Sustaining (UNIV 999). All students, including sustaining students, are required to be registered in the semester in which the degree is officially awarded. Sustaining registration is required for summer session if the student completes the degree in summer session. (Sustaining registration is never required for winter session as graduate degrees are not awarded at the conclusion of winter session.)

H. Transfer of Credit Earned as a Continuing Education Student at the University of Delaware.

Students who complete graduate credits with the classification of CEND (Continuing Education Nondegree) at the University of Delaware may use a maximum of 9 graduate credits earned with this classification toward their graduate degree. The CEND credits, grades, and quality points become a part of the student's academic record and grade point average. CEND credit can be transferred provided that: (a) the course was at the 600-800 level, (b) the course was taken within the time limit appropriate for the

degree, (c) the course was approved by the student's adviser and the director of the BIOMS program, and (d) the course was in accord with the student's approved plan of study.

I. Transfer of Credit from Another Institution.

Graduate credit earned at another institution will be evaluated at the written request of the student. Such a request should be submitted to the director of the BIOMS program using a Request for Transfer of Graduate Credit form. A maximum of 9 credits required for the degree will be accepted provided that such credits: (a) were earned with a grade of no less than B-, (b) are approved by the student's adviser and the Director of the BIOMS program, (c) are in accord with the student's approved plan of study, (d) are not older than five years, and (e) were completed at an accredited college or university. The credits, but not the grades or quality points, are transferable to University of Delaware graduate records. Graduate courses counted toward a degree received elsewhere may not be used. Credits earned at another institution while the student was classified as a continuing education student at that institution are not eligible to be transferred to one's graduate degree at the University of Delaware. Credits from institutions outside of the United States are generally not transferable to the University of Delaware.

J. Transfer of Credit from the Undergraduate Division at the University of Delaware.

Students who wish to transfer credits from their undergraduate record to their graduate record may transfer a limited number by arranging with the department to have these courses approved by their instructors before the courses are taken. These courses must be at the 600-level, and the student must perform at the graduate level. They must be in excess of the total required for the baccalaureate degree, must have grades of no less than B-, and must not be older than five years. The credits, grades, and quality points will transfer.

K. Credit for "Special Problem" Course Taken as a Graduate Student.

Some 400-level courses may be completed for graduate credit if the graduate student does additional work. Students must register for the course at the graduate level using the departmental number of 666. The student may process a titling form for the 666 numbered course.

L. Expiration of Credit.

Course credits expire five years after the course has been completed.
