

Winthrop University Graduate Council Minutes

November 16, 2001
306 Tillman
2 p. m.

The following members were present: Bill Rogers, Chair, Steve Frankforter, Martin Hughes, and Heakyung Lee. Sharon Johnson was also present. Gloria Kelly, Peggy Whiting and Johnny Sanders, were absent. Laura Dufresne is on leave for the Fall 2001. Students representatives Michelle Szafranski, College of Arts and Sciences, and Angela Shafer, College of Business, were present.

I Council approved the minutes of the October 3 meeting.

II Council approved the following curriculum proposals

A College of Arts and Sciences

1 Department of Biological Sciences
Modify MS Biology Non-thesis Option

2002-2004 Graduate Catalog

Admission Requirements. Admission to the program for the Master of Science degree in biology requires successful completion of an undergraduate major in biology, or its equivalent, and one year of general chemistry. In addition to the general requirements for admission to graduate study at Winthrop, qualified applicants must submit official scores on the General Test of the Graduate Record Examination. Eligibility for admission to the program is based on the following point scale:

<u>Grade-Point Average</u>		<u>GRE-Verbal</u>		<u>GRE-Quantitative</u>	
<u>Score</u>	<u>Points</u>	<u>Score</u>	<u>Points</u>	<u>Score</u>	<u>Points</u>
3.76-4.00	8	700-800	7	700-800	7
3.51-3.75	7	600-690	6	600-690	6
3.26-3.50	6	500-590	5	500-590	5
3.01-3.25	5	400-490	4	400-490	4
2.76-3.00	4	300-390	3	300-390	3
2.51-2.75	3	200-290	2	200-290	2
2.26-2.50	2				
2.01-2.25	1				
Below 2.00	0				

Compute the points from each of the three areas listed in the previous table and apply the total to the following scale:

<u>Eligibility Score</u>	<u>Status</u>
12-22	Eligible for interview, then admit or deny
4-11	Admission denied

If an applicant's admission score is between 12 and 22, the Graduate Studies Office will notify the applicant to contact Dr. Ralph Gustafson, chair, Department of Biology, Winthrop University, Rock Hill, SC 29733, 803-323-2111, to schedule an appointment for an interview. The final admission decision is at the discretion of the Biology Department.

Applicants should submit all admission credentials to the Graduate Studies Office. After the Biology Department reviews the materials, the applicant will be notified in writing by the Graduate Studies Office of the admission decision.

The Master of Science degree in biology requires the completion of at least 30 semester hours of approved graduate-level courses. At least half the work presented for the degree must be 600-level courses. At least 24 semester hours of these courses must be in biology.

Each graduate student in biology, before receiving the Master of Science degree, must attend a minimum of five departmental seminar programs. Attendance does not carry course credit.

Program Requirements With Thesis. Each student must complete 30 semester hours of course work including a thesis. Each student has an advisory committee of three faculty members, including a principal advisor who directs and approves thesis research and writing. The thesis is defended before the advisory committee, and a seminar presentation is given to the entire faculty.

Required Program	Semester Hours
BIOL 601 Theory and Method in Biology	3
BIOL 610 Recent Advances in Molecular & Cellular Biology	3
OR	
BIOL 611 Recent Advances in Organismic and Developmental Biology	3
OR	
BIOL 612 Recent Advances in Environmental & Evolutionary Biology	3
BIOL 695 Thesis	3
BIOL 696 Thesis	3
BIOL 697 Presentation of Biological Research	1
500-600 level BIOL electives	11
500-600 level approved electives	<u>6</u>
Total Semester Hours	30

Note: Registration for GSTC 600, Continuing Graduate Studies, may be required. Check with advisor.

Program Requirements Without Thesis. The Master of Science degree in biology without a thesis requires the completion of at least 36 hours of approved graduate-level courses. At least half the work presented for the degree must be 600-level courses.

Immediately upon entering the graduate program, the student should develop, with the assigned advisor, an individual course of study which meets the requirements for the degree and the student's objectives.

Required Program	Semester Hours
BIOL 601 Theory and Method in Biology	3
BIOL 610 Recent Advances in Molecular & Cellular Biology	3
BIOL 611 Recent Advances in Organismic & Developmental Biology	3
BIOL 612 Recent Advances in Environmental & Evolutionary Biology	3
Select at least 3 hours from each of the following 3 areas:	9-12
Ecology/Evolution	
BIOL: 513, 515, 527, or 632	
Organismal/Developmental/Integrative	
BIOL: 505, 508, 510, 511, 518, 524, 632, or 633	
Cell/Molecular	
BIOL: 517, 521, 522, 526, 530, 556, 629 or 630	

500-600 level BIOL electives 6-15

Select additional courses from those listed in the areas above and/or from the following:

BIOL: 520, 540, 640, or 671

500-600 level approved electives 0-6

Total Semester Hours 36

Note: Registration for GSTC 600, Continuing Graduate Studies, may be required. Check with advisor.

2002-2004 Graduate Catalog

Program Requirements Without Thesis. The Master of Science degree in biology without a thesis requires the completion of at least 36 hours of approved graduate-level courses. At least half the work presented for the degree must be 600-level courses.

Immediately upon entering the graduate program, the student should develop, with the assigned advisor, an individual course of study which meets the requirements for the degree and the student's objectives.

Required Program	Semester Hours
BIOL 601 Theory and Method in Biology	3
BIOL 610 Recent Advances in Molecular & Cellular Biology	3
BIOL 611 Recent Advances in Organismic & Developmental Biology	3
BIOL 612 Recent Advances in Environmental & Evolutionary Biology	3
Select at least 3 hours from each of the following 3 areas:	9-12
Ecology/Evolution	
BIOL: 513, 515, 527, or 631	
Organismal/Developmental/Integrative	
BIOL: 505, 508, 510, 511, 518, 524, 632, or 633	
Cell/Molecular	
BIOL: 517, 521, 522, 526, 530, 556, 629 or 630	

500-600 level BIOL electives 6-15

Select additional courses from those listed in the areas above and/or from the following:

BIOL: 520, 540, 640, or 671

500-600 level approved electives 0-6

Total Semester Hours 36

Note: Registration for GSTC 600, Continuing Graduate Studies, may be required. Check with advisor.

2000-2004 Graduate Catalog

The Core content of the program includes current knowledge in human nutrition and may include courses from such related disciplines as biology, chemistry, business, education, gerontology, health and health care administration, communications, statistics, political science, psychology, social work, and sociology. Students who hold a baccalaureate degree from an accredited institution with a minimum cumulative grade point average of 2.5 or above may be admitted to the Certificate in Human Nutrition program. Students must have a Didactic Program in Dietetics (DPD) verification statement from Winthrop University or other accredited institution before receiving the Certificate in Human Nutrition from Winthrop.

Completion of the requirements for the Certificate in Human Nutrition will appear on the students official transcript. Students must complete a minimum of 15 semester hours. Nine of the semester hours must be in human nutrition at the graduate level. Course work for the Certificate in Human Nutrition must be completed within a six-year time period.

Core Requirements: Minimum of nine semester hours from the following:

NUTR 520	Sports Nutrition
NUTR 521	Nutrition and Metabolism
NUTR 522	Community Nutrition
NUTR 523	Food Science Principles
NUTR 527	Medical Nutrition Therapy
NUTR 528	Experiences in Nutrition Therapy
NUTR 529	Experiences in Community Nutrition
NUTR 530	Experiences in Food Systems Management
NUTR 534	Seminar in Human Nutrition
NUTR 570	Food Research, Marketing, and Quality Assurance
NUTR 572	Dietetics Management
NUTR 575	Marketing in Foodservice Systems
NUTR 600	Seminar in Food and Nutrition
NUTR 604	Advanced Medical Nutrition Therapy
NUTR 610	Nutrition in the Third World
NUTR 620	Maternal and Child Nutrition
NUTR 621	Nutrition and Aging
NUTR 623	Intermediary Metabolism
NUTR 624	Vitamin Metabolism
NUTR 625	Abnormal Metabolism
NUTR 626	Mineral Metabolism
NUTR 627	Recent Developments in Food Science & Nutrition

Electives (6 semester hours) may include undergraduate courses in human nutrition, or graduate or undergraduate courses from related areas including ACCT, ANTH, ARTS, BADM, BIOL, CHEM, CSCI, DANT, CSDV, ECON, EDCI, EDUC, EDMD, FINC, FREN, GEOG, GRNT, HLTH, HLSM, INAS, LART, MGMT, MKTG, MCOM, MATH, NUTR, PHED, PLSC, PSYC, QMTH, SCWK, SOCL, SPAN, SPCH, VCED, WRIT.

Total Semester Hours

15

Course selections (program of study) must be approved by the Department of Human Nutrition faculty. Inclusion of related area courses in programs of study should be approved by the appropriate department chair.

Students must maintain a minimum grade point average of 2.6 in undergraduate credit courses and 3.0 in graduate credit courses. No more than three semester hours of AC® level credit may be applied to the Certificate in Human Nutrition. No more than three semester hours may be repeated for credit. Grading for all course work in the Certificate program will be specified by the College of Arts and Sciences and may include a maximum of six hours of S/U (satisfactory/unsatisfactory) grades for specific courses, i.e., NUTR 528, NUTR 529 and NUTR 530. No more than 12 hours of graduate credit earned while pursuing a Certificate in Human Nutrition may be applied to the Master of Science degree in Human Nutrition (separate admission) at Winthrop University.

- 3 Department of Political Science
ADD: PLSC 501 Academic Research in Political Science, 1 hour
ADD: PLSC 502 Academic Research in Political Science, 2 hours
ADD: PLSC 503 Academic Research in Political Science, 3 hours

B College of Visual and Performing Arts

Department of Music
ADD: MUST 512 Analytical Techniques, 3 hours

III Council approved the following for Graduate Faculty Assembly

A College of Arts and Sciences

Clifton Calloway
Assistant Profess of Chemistry
Department of Chemistry, Physics and Geology
PhD, Wake Forest University

Ponn Maheswaranatha
Associate Professor of Chemistry
Department of Chemistry, Physics and Geology
PhD, Purdue Univesity

The approval for David Meeler-s nomination was delayed until the experience requirement has been satisfied.

IV Old Business

Council discussed revisions to the Instructions For The Preparation Of A Thesis. Dr. Rogers will consult departments requiring theses for their input.

V Council adjourned at 4 p.m.

Sharon B. Johnson

Date