THE FACULTY SENATE

September 16, 1999

MEMORANDUM

TO: President Ray M. Bowen

SUBJECT: Approval of Graduate Curriculum Items

At its regular meeting on September 13, 1999, the Faculty Senate approved the following curriculum items from the Graduate Council and submits them for your approval. Attached is a copy of the material sent to our Senators regarding these items.

New Graduate Courses: AGEN 672, BIOL 697, CPSC 601, CPSC 602, FLOR 693, HORT 693, LAND 630, VAPH 614

Changes in Courses: AGRO 614 cross-listed with VAPH 614

Thank you for your time and consideration. Please inform me of your action on these recommendations.

Thomas E. Wehrly
Speaker, 1999-2000

Attachment

cc: Dr. Ronald G. Douglas, Executive Vice President & Provost
    Dr. Janis P. Stout, Dean of Faculties & Associate Provost
    Dr. J. Rick Giardino, Chair, Graduate Council
    Ms. Linda F. Lacey, Director of Academic Support Services

Approved:

Ray M. Bowen, President

Date 10/16/99
REPORT OF THE GRADUATE COUNCIL MEETING
August 12, 1999

I. Approved requests for new graduate courses as follows:

AGEN 672. Small Watershed Hydrology. (3-0). Credit 3. Hydrology of small agricultural watersheds; precipitation frequency analysis; infiltration; runoff; erosion theory; sediment transport theory; evapotranspiration, and use of hydrological models. Prerequisite: AGRO 301, MATH 308, AGEN 350, or their equivalent and graduate classification.

BIOL 697. Methods in Teaching Biology Laboratory. (1-0). Credit 1. An introduction to teaching methods associated with the teaching of undergraduate biology laboratories. Emphasis will be placed on effective preparation and delivery of laboratory course content, clear instructions for procedures and laboratory safety. Prerequisite: Graduate status in a biological science.

CPSC 601. Programming with C and Java. (3-0). Credit. A survey of the C and Java programming languages; including principles of procedural and object-oriented languages; multi-disciplinary applications will be studied including business, internet and engineering problems. Prerequisite: Graduate classification.

CPSC 602. Object-Oriented Programming, Development and Software Engineering. (3-0). Credit 3. This course will teach students Object-Oriented Programming in C++; software engineering techniques will be presented to teach the students how to build high quality software; and a project during the semester will give students quasi-real-world experience with issues such as requirements capture and object-orient development. Prerequisite: CPSC 601 or instructor approval and graduate classification.

FLOR 693. Professional Study. Credit 1-9. Profession Study. Approved professional paper undertaken as the requirement for the Master of Agriculture. May be taken more than once, but not to exceed 3 hours of credit towards a degree. Prerequisite: Graduate classification. Cross-listed with HORT 693.

HORT 693. Professional Study. Credit 1-9. Profession Study. Approved professional paper undertaken as the requirement for the Master of Agriculture. May be taken more than once, but not to exceed 3 hours of credit towards a degree. Prerequisite: Graduate classification. Cross-listed with FLOR 693.


VAPH 614. Biodegradation and Bioremediation. (3-0). Credit 3. Processes affecting the biodegradation or organic chemicals in the environment; assessment of the utility of various remedial procedures, including biodegradation and bioremediation, in site specific situations. Prerequisite: Organic chemistry. Cross-listed with AGRO 614.

II. Approved requests for graduate course changes as follows:

Course cross-listing change:

AGRO 614
from: No cross-listing
to: Cross-listed with VAPH 614.
October 7, 1999

Memo to: Dr. Thomas E. Wehrly

The attached has been approved and is returned for further handling.

Ray M. Bowen

cc: Dr. Ronald G. Douglas
    Dr. Janis P. Stout
    Dr. J. Rick Giardino
    Ms. Linda F. Lacey