Fall 12-7-1973

Memorandum on Cooperative Graduate Program with Department of Agriculture and Southern Illinois University

Academic Senate

Illinois State University

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TO: Roger Champagne, Chairman  
Academic Affairs Committee  
Academic Senate  
FROM: Charles A. White  
Graduate School  
RE: Cooperative Graduate Program with Department of Agriculture  
and Southern Illinois University

Attached is a proposal which has been reviewed and approved by the Graduate Council Curriculum Committee and by the Graduate Council on December 6, 1973.

I am forwarding a copy of the proposal which was approved to your committee requesting it be given consideration by the Academic Senate.

I suggest that James McBee, Chairman of our Department of Agriculture, be contacted for additional background concerning this proposal. I might say that it has undergone thorough review by the Curriculum Committee, has the enthusiastic support of President Budig and the Dean of the University and the Dean of the Graduate School. Such a proposal has already been implemented between Western Illinois and Southern Illinois University and we are at this moment, negotiating with the University of Illinois for a similar proposal which we hope to eventually bring to the Academic Senate in a similar manner as the attached proposal.

Enclosure
TITLE: Cooperative Master's Degree Program in Agriculture

OBJECTIVES: The major objective of this program is to establish interinstitutional cooperative Master's degree programs between certain state-supported universities with agriculture and agricultural education programs. Some specific objectives of the program are as follows:

1. To provide regional-in-service graduate training to update and improve knowledge and skills of professional agricultural personnel already employed.

2. To encourage agricultural workers to pursue a Master's degree in conjunction with their employment.

3. To facilitate the more efficient use of the staff and facilities of the universities with agricultural programs.

4. To facilitate the transfer of graduate credit to enable agricultural workers to continue their graduate study when changing employment from one region of the state to another.

DEFINITION OF PROGRAM: This proposal is to develop a cooperative Master's degree program in agriculture between Illinois State University and Southern Illinois University. These are two of the four state-supported universities granting baccalaureate degrees in agriculture in Illinois. Only the University of Illinois and Southern Illinois University offer advanced degrees in agriculture.

Illinois State University is well qualified to make contributions at the Master's degree level. Illinois State University's Department of Agriculture has 14 faculty members, 13 of whom hold the Ph.D. degree, and 11 of whom are members of the Graduate Faculty. Illinois State University currently offers 14 courses for advanced undergraduate students. The University currently offers graduate courses in other departments of the university that might be included in a Master's program. The library and research facilities of this university, now used only in undergraduate programs, could be used in a Master's degree program.

The program would become operative in 1974 as an experimental or pilot program for a period of five years. At the end of this period, a decision would be made regarding termination or continuance of the program by the institutions involved.
RATIONALE FOR THE PROGRAM: Due to the rapid changes in methodology and technology in agriculture, there is a need for advanced training above the Bachelor of Science degree in all areas of agriculture.

There is a need for regional-in-service training for professional agriculture workers such as agriculture teachers, extension workers, soil conservation service workers, farm managers, agricultural business and service personnel and others while they are employed. Opportunities for advanced degrees should be available to persons while fully employed in all areas of the state.

The Illinois Board of Higher Education gives a high priority to cooperative programs that share facilities and facilitate the transfer of credits from one institution to another. These activities are all mentioned under the need for a common market approach to education in Illinois.

The proposal is simple in operation and would require no new facilities or staff at the institutions involved.

PROCEDURES:

1. Courses taught at Illinois State University would be acceptable toward graduation with a Master's degree from Southern Illinois University in an amount not to exceed 24 quarter hours.

2. Courses presently taught at ISU which have been approved for this program include:

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>COURSE TITLE</th>
<th>SEMESTER HOURS</th>
</tr>
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<tbody>
<tr>
<td>302</td>
<td>Special Problems in Agriculture</td>
<td>1-3</td>
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<tr>
<td>303</td>
<td>Seminar in Agriculture</td>
<td>1</td>
</tr>
<tr>
<td>314</td>
<td>Grain Marketing</td>
<td>2</td>
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<tr>
<td>316</td>
<td>Livestock Marketing</td>
<td>2</td>
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<tr>
<td>352</td>
<td>Turf Management</td>
<td>3</td>
</tr>
<tr>
<td>355</td>
<td>Plant Breeding</td>
<td>3</td>
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<tr>
<td>356</td>
<td>Plant Propagation</td>
<td>3</td>
</tr>
<tr>
<td>357</td>
<td>Soil Fertility and Fertilizers</td>
<td>4</td>
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<tr>
<td>372</td>
<td>Livestock Breeding</td>
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<td>373</td>
<td>Reproductive Physiology &amp; Milk Secretion</td>
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<td>374</td>
<td>Dairy Cattle Feeding and Management</td>
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<td>Soil Microbiology</td>
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</tr>
<tr>
<td>389.04</td>
<td>Agricultural Finance</td>
<td>2</td>
</tr>
</tbody>
</table>

3. Approval of ISU faculty to teach graduate courses rests with the ISU Graduate School.

4. Illinois State University might be designated as a Southern Illinois University Resident Center for Agricultural graduate training, with courses to be taught by SIU faculty only after consent by the ISU.