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University Council
Athens, Georgia 30602

March 17, 2017

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Dear Colleagues:

The attached proposal from the College of Agricultural and Environmental Sciences to offer the existing Master of Plant Protection and Pest Management (M.P.P.P.M.) on the Griffin campus will be an agenda item for the March 24, 2017, Full University Curriculum Committee meeting.

Sincerely,

Alison F. Alexander, Chair
University Curriculum Committee

cc: Provost Pamela S. Whitten
Dr. Rahul Shrivastav

Committee on Facilities, Committee on Intercollegiate Athletics, Committee on Statutes, Bylaws, and Committees, Committee on Student Life, Curriculum Committee, Educational Affairs Committee, Executive Committee, Faculty Admissions Committee, Faculty Affairs Committee, Faculty Grievance Committee, Faculty Post-Tenure Review Appeals Committee, Faculty/Staff Parking Appeals Committee, Human Resources Committee, Program Review and Assessment Committee, Strategic Planning Committee, University Libraries Committee, University Promotion and Tenure Appeals Committee

An Equal Opportunity/Affirmative Action/Veteran/Disability Institution

**Proposal for an External Degree
University of Georgia**

Institution: University of Georgia – Griffin Campus

Date: March 24, 2016

College/School/Division: College of Agricultural and Environmental Sciences

Department: Crop and Soils Sciences (CRSS)/Entomology (ENTO)/Plant Pathology(PATH)

Degree (please indicate whether this is a stand-alone degree): Stand-Alone - Non-Thesis Masters

Major: Master of Plant Protection and Pest Management (MPPPM)

CIP Code: 01110501

Proposed Start Date: January 3, 2017

Please note that this is pursuant to a previous submission to the CAES Graduate Committee. The suggestions by the committee during spring 2016 were to document support by the three departments involved CRSS/ENTO/PATH. A face-to-face meeting was held on July 20, 2016, on the Griffin Campus with all department heads and MPPPM committee members present. The result of that meeting was that all departments offered support for the proposal. The proposed MPPPM External Degree for the Griffin Campus is justifiable based on the following points.

1. Assessment

The MPPPM is currently offered on the Athens and Tifton campuses. David Riley currently serves as the overall Coordinator, while each campus has local coordinators representing the three participating Departments (handbook attached). The resurgence of this degree program at the UGA-Tifton campus is due in part to the need to provide a track for current Cooperative Extension service agents to achieve a graduate degree. The advanced degree is now a preferred threshold for current agents to attain should they be hired with only a bachelor's degree. Providing a pathway for these agents to obtain the degree while still working full-time in their respective county appointments is a goal of Dr. Laura Perry-Johnson, CAES Associate Dean for Extension. Adding the option to complete the degree at the Griffin Campus provides agents in the Northwest Extension District a location much closer than the campuses in Athens and Tifton. Per Sheldon Hammond, Northwest District Director, ten of the current 36 Agricultural and Natural Resources County Agents and 11 4-H agents have not completed a Master's degree. These students represent an immediate pool of prospective students at the Griffin Campus. Another objective for promoting the MPPPM program as stated by Dr. Perry-Johnson is to provide a "pool of qualified applicants" for future Extension openings in the state of Georgia. Beyond the pool of students related to Extension agents, graduates of and currently enrolled students in the Environmental Resource Science (ERS) major provide another group of prospective students. Currently the ERS major has been offered exclusively on the UGA-Griffin Campus (but was expanded to the Athens Campus in fall 2016). The coursework within the program aligns well with the curriculum of the MPPPM degree. In addition, several staff members in the research units at UGA-Griffin seek a pathway to an advanced degree to enhance their work skills and likelihood of advancement within their career tracks. An additional pool of students potentially exists in the landscaping, horticulture, turfgrass, and related workforce. Employers have indicated a willingness to promote the degree program as a means to advance employees into higher level management positions within their respective firms. By extending the MPPPM, the University is able to reach students who otherwise might be unable to enroll in graduate course work at UGA. Also, providing the MPPPM degree via the Griffin Campus facilitates the University to carry out its mission of serving the entire state of Georgia, both in terms of our land grant status and our charter.

2. Admission Requirements

The admission requirements and deadlines would mirror those noted in the MPPPM Handbook (attached) as follows: Specific requirements to be admitted to the MPPPM program are: 1) applicants must have an

undergraduate degree from an accredited institution; 2) a minimum combined GRE score of 289 in the new grading scale or the equivalent of the top 80th percentile; 3) a 3.0 grade point average (out of 4.0); and 4) three letters of reference. Any deviation from these minimum requirements, e.g. allowing significant job skills to compensate for slightly lower than minimum GRE or GPA scores, etc., must be approved by unanimous vote of the MPPPM Graduate Committee. Students must include a statement concerning the area of pest management in which they are interested. Final decisions on admittance will be made by the MPPPM Graduate Committee. Each student will have a home department (Crop and Soil Sciences [CRSS], Entomology [ENTO], or Plant Pathology [PATH]) designated at the time of admittance or assignment of the internship home department.

3. Program Content (Appendix contains specific course offering information)

The curriculum would mirror the program of study noted in the MPPPM Handbook as follows:

The sum total of the coursework that the MPPPM student will take is called the Program of Study. This Program of Study must include the MPPPM core curriculum before it can be approved by the MPPPM Graduate Coordinator and the Graduate School, so it is vital that the student be advised when completing the Program of Study Form (Page 9, Handbook) which is one of the most important documents in the requirements for the MPPPM degree. All UGA Graduate students must maintain an average GPA of 3.0. Students with a cumulative graduate course average below 3.0 for two consecutive terms are placed on academic probation by the Graduate School. They then must make a 3.0 or higher semester graduate average each succeeding semester that their overall cumulative graduate average is below 3.0. These students are no longer on probation when their cumulative graduate average is 3.0 or above. If they make below a 3.0 semester graduate average while on probation, they are dismissed. No grade below C is acceptable for a course to be included on the MPPPM program of study form. The overall grade point average on this form as well as the cumulative GPA on the UGA transcript must meet the required 3.00 GPA in order for the degree to be awarded by the Graduate School. Also, all graduate students must be enrolled in two out of three semesters in each academic year in order to remain in compliance with the Graduate Enrollment policy <http://grad.uga.edu/index.php/current-students/policies-procedures/academics/enrollment-policy/>.

	<u>Credits</u>
MPPPM Core Curriculum	
Area I <i>All are required courses:</i>	19
CRSS 6340/L Weed Science (4)	
ENTO 6000/L General Entomology (4)	
ENTO/CRSS/PATH 6740 Integrated Pest Management (3)	
ENTO/CRSS/PATH 6250 Pesticides and Transgenic Crops (3)	
PATH 6280/L Diagnosis and Management of Plant Diseases (4)	
CRSS/ENTO/PATH 6130 Internship (1)	
Area II <i>Select at least one 2- to 4-credit course from each of the three MPPPM departments.</i>	6-12
Area III <i>Electives: Select any UGA graduate course related to pest management in the student's area of interest. Please check with the Graduate Coordinator for acceptability of courses not in the the three departments, CRSS, ENTO, PATH early in the program to avoid the possibility of electives not counting toward the 33 minimum credits</i>	6-8
Total	33

4. Student Advising

Students will be advised by the faculty member who is the designated Coordinating Committee member of the student's respective department on the Griffin campus. Currently at the Griffin Campus the members are: Dr. Wayne Gardner, Department of Entomology; Dr. Paul Raymer, Department of Crop and Soil Sciences; Dr. James Buck, Department of Plant Pathology.

5. Resident Requirements

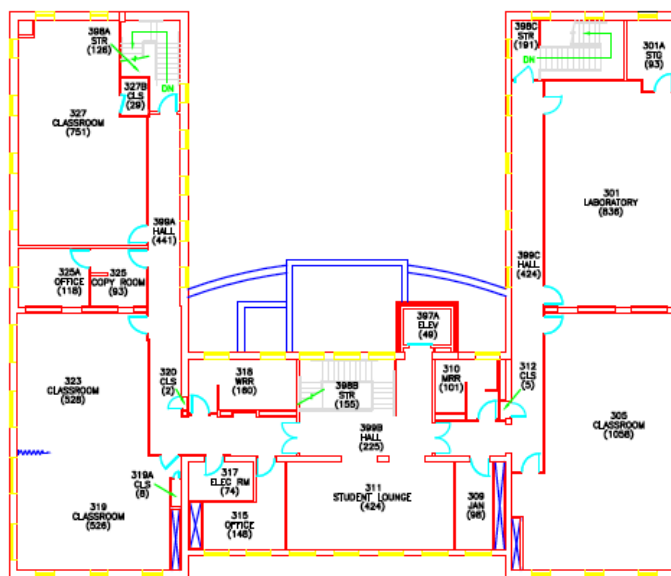
Residence requirements will be identical to those established for the College of Agricultural and Environmental Sciences with residence in the State of Georgia serving to meet that requirement.


6. Program Management

The MPPPM program at all UGA campuses will be coordinated by the designated Graduate Coordinator. The current coordinator is Dr. David Riley at the Tifton Campus. The MPPPM Coordinating Committee membership is composed of a faculty representative from Departments of Entomology, Crop and Soil Sciences and Plant Pathology from each campus for a total membership of ten including the Graduate Coordinator. At the Griffin campus, the representatives are: Dr. Wayne Gardner, Department of Entomology; Dr. Paul Raymer, Department of Crop and Soil Sciences; and Dr. James Buck, Department of Plant Pathology. Since approval was not granted in sufficient time, new students that had applied by the July 1st deadline for a fall term 2016 matriculation were admitted into MPPPM, but not specifically for the Griffin Campus. New Student Orientation was hosted in the week prior to the start of classes at the Tifton Campus, but all new applicants will have orientation at the Griffin Campus. Based on an analysis of the course matrix (see APPENDIX), it has been determined that a majority of the required courses and elective options are already offered in a delivery that allows for the lecture portion of courses to be video conferenced between the Griffin, Tifton and Athens campuses. Gaps have been identified related to lab components that would need to be offered at the Griffin Campus and faculty identified as lab instructors. Griffin faculty have been identified to teach courses not offered via online or distance education methods. There are no similar degree offerings at other institutions in the UGA-Griffin service area.

7. Library and Laboratory Resources

The Griffin Campus Research Facility library is a branch of the [University of Georgia Libraries](#). Students and faculty will have access to library offerings similar to MPPPM students at the Athens and Tifton campuses. Classrooms with conferencing facilities are available in the Griffin Campus Student Learning Center and the Flynt Building to accommodate distance delivery of courses. The UGA-Griffin campus already has wet-laboratory spaces adequate for the MPPPM courses. Flynt 301 is 836 SF, with prep room and storage that holds the microscopes (16 dissecting and 9 compound) Room 301A providing an additional 93 SF.



THIRD FLOOR PLAN 
FLYNT BLD. 4416

8. Budget

Since the courses in the degree program are already developed and offered in Griffin, there is little additional cost associated with offering this degree in Griffin at its initiation. There is a \$2,500/year estimated cost for teaching the 2 laboratory intensive Plant Pathology courses. This cost will be solely covered by the Griffin Campus budget or by a combination of Griffin, CAES instruction, and Extension budgets. Plant Pathology received a teaching assistant position for the MPPPM program. This is a 1/3 time Graduate Teaching Assistantship with responsibilities to support MPPPM courses/teachers/students where teaching assistantships have not traditionally not been assigned by the College. The GTA will enable the participating departments to offer more timely course options and help MPPPM students graduate on a timely basis.

MPPPM Extension to the Griffin Campus						
Draft Budget 10-20-2016						
Category	Year 1	Year 2	Year 3	Year 4	Year 5	Cumulative
Teaching Assistant Support Costs						
Griffin 1 TA stipend @ \$1,300 per month*	6,500	15,600	15,600	15,600	15,600	68,900
Other Direct Costs						
Griffin teaching laboratory supplies**	2,500	2,500	2,500	2,500	2,500	12,500
TOTAL	9,000	18,100	18,100	18,100	18,100	81,400

Considerations:

*Teaching assistant start date is August 1, 2017 to allow for prep time for fall 2017 (Paid for by Plant Pathology).

**For the Griffin Campus this includes: All materials for Plant Pathology laboratory intensive classes (2) will be covered solely by the Griffin Campus budget or by a combination with CAES Instruction and Extension.

9. Program Costs Assessed to Students

There are no anticipated additional student costs beyond those normally associated with UGA Graduate School program on campus. In some areas the fees assessed on the Griffin Campus are less than those assessed on the Athens Campus.

10. Accreditation

All instruction based on the Griffin Campus will be conducted in accordance with the same regulations and requirements as Athens-based instruction.

APPENDIX

Course Analysis to Support Master of Plant Protection and Pest Management (MPPPM) at UGA Griffin Campus

Area I - Required Courses (19 total hours)

CRSS 6340/L Weed Science (4 cr) - Lecture portion concurrently offered in fall 2015 between Athens/Tifton with lab sections separate on the two campuses-available (distance) with facilitated lab.

Or, CRSS 6340E is being offered summer 2016 (note-not listed in UGA bulletin with an "E" section)

GRIFFIN CAMPUS INSTRUCTOR Mark Czarnota

ENTO 6000/L General Entomology (4 cr) Separate lecture and lab sections offered at all campuses; available face to face

GRIFFIN CAMPUS INSTRUCTOR G. David Buntin

PATH 6280/L Diagnosis and Management of Plant Diseases (4cr)

Lecture and lab sessions concurrently offered in fall 2015 between Athens/Tifton campuses with an instructor from each campus- available (distance) with facilitated lab

GRIFFIN CAMPUS INSTRUCTOR Aldredo Martinez

ENTO/CRSS/PATH 6250 Pesticides and Transgenic Crops (3 cr)

Lecture concurrently offered in spring 2016 between Athens/Tifton with three Tifton based instructors- available (distance)

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

ENTO/CRSS/PATH 6740 Integrated Pest Management (3 cr)

Sections already offered concurrently at all campuses via Zoom in fall2015

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

ENTO/CRSS/PATH 6130 Internship (1 cr)

Directed Study-sections already offered at Athens and Tifton-varies by term-available face to face

GRIFFIN CAMPUS INSTRUCTOR Alfredo Martinez; James Buck

Area II – Select at least one 2- to 4-credit course from each department (6-12 hours total)

ENTO 8900 Problems in ENTO (1-9 cr) Directed study format-no classroom instruction; sections currently exist for Athens and Tifton; available face to face

GRIFFIN CAMPUS INSTRUCTOR Brendan Hunt, G. David Buntin

CRSS 8210 Special Problems in CRSS (1-3 cr)

Directed study format-no classroom instruction- available face to face

GRIFFIN CAMPUS INSTRUCTOR Paul Raymer

PATH 8160 Special Topics Plant PATH (1-3 cr)

Directed study format-no classroom instruction-Griffin section with Buck offered in fall 2015 - available face to face

GRIFFIN CAMPUS INSTRUCTOR James Buck

CRSS 6350 Herbicide Technology (3 cr) Lecture section concurrently offered in spring 2016 between Athens and Tifton with Athens based instructor-need to add Griffin section via Zoom (Vencil is current instructor) available (distance)

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

ENTO 6500 Biological Control (3 cr) Offered in spring 2016 as ENTO 6500E available (distance)

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

PATH 8300 Clinical Plant PATH (2 cr) Offered at Athens campus only fall2015 and spring 2016; if needed, would need to identify Griffin instructor and section

GRIFFIN CAMPUS INSTRUCTOR Alfredo Martinez

ENTO 8820 Concepts in Integrated Pest Management (2 cr)

No sections of course scheduled for fall 2015, spring 2016 or summer 2016 available (distance)

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

ENTO 6350 Crop Specific Insect Management (4 cr)

Separate lecture and lab sections scheduled for summer 2016 at Tifton campus-

GRIFFIN CAMPUS INSTRUCTOR Tifton Campus Only

CRSS 8220 Advanced Topics in CRSS (1-3 cr)

Sections for all campuses on schedule for fall 2015- available face to face

GRIFFIN CAMPUS INSTRUCTOR TBA (See Dept. Head)

Area III – Electives - Any graduate courses related to pest management with CRSS/ENTO/PATH prefix or others with committee pre-approval-6-8 hours

PATH 8000 Field Plant Pathology (1 cr) Sections offered at all campuses in fall 2015 by Athens based instructor

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

CRSS 6360 Weed Science Field Trip (1 cr) Section offered at Tifton campus only as directed study in summer 2016-

GRIFFIN CAMPUS INSTRUCTOR NA

PATH/ENTO 6360 Ornamental Pest Management (3 cr)

No sections of course scheduled for fall 2015, spring 2016 or summer 2016

GRIFFIN CAMPUS INSTRUCTOR Distance Learning option??

HORT (CRSS) 6800 Agricultural Biotechnology (3 cr)

Offered as lecture format only at Tifton campus in fall 2015

GRIFFIN CAMPUS INSTRUCTOR Tifton Campus Only

CRSS 6580 Soil Erosion Conservation (3 cr)

Offered as lecture format only at Athens campus in fall2015

GRIFFIN CAMPUS INSTRUCTOR Athens Campus Only

CRSS 6050/L Improving Nutrient & Energy Efficiency with GIS (4 cr)
Lecture section concurrently offered in fall2015 between Athens and Tifton with Athens based instructor- available (distance)

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

CRSS 6450 Crop Physiology (3 cr) Lecture section concurrently offered in spring 2016 between Athens and Tifton with Tifton based instructor- available (distance)

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

CRSS 6350 Herbicide Technology (3 cr) Lecture section concurrently offered in spring 2016 between Athens and Tifton with Athens based instructor- available (distance)

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

CRSS/ENTO/PATH 7000 Master's Research (max 3 cr) Sections already scheduled at all campuses, all terms

GRIFFIN CAMPUS INSTRUCTOR Alfredo Martinez; James Buck; CRSS TBA (see Dept. Head)

ENTO 6350/L Crop Specific Insect Management (4 cr) Lecture section scheduled for summer 2016 at Tifton campus

GRIFFIN CAMPUS INSTRUCTOR Tifton Campus Only

CRSS 8140 Advanced Crop Breeding (3 cr) Sections offered at all campuses in fall 2015 by Athens based Instructor available (distance)

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

PATH 8170 Plant Pathology Graduate Colloquium (1 cr)

Sections offered at all campuses in fall2015 by Athens based instructor-E. Little

GRIFFIN CAMPUS INSTRUCTOR Distance Learning

PATH 8410 Advanced Plant Disease Management (3 hr) Sections concurrently offered in fall 2015 between Athens/Tifton with Athens based instructor- available (distance)

GRIFFIN CAMPUS INSTRUCTOR Distance Learning



The University of Georgia

College of Agricultural and Environmental Sciences
Department of Crop and Soil Sciences

November 15, 2016

Dr. Lew Hunnicutt
Assistant Provost and Director for the UGA Griffin Campus
UGA Griffin Campus
1109 Experiment Street
Griffin, GA 30223

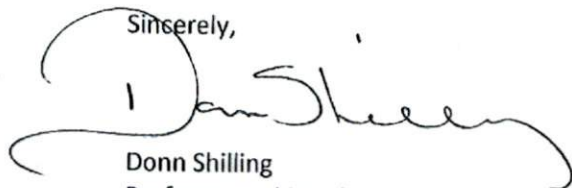
RE: Support for the Griffin-based MPPPM Program

Dear Lew:

As we discussed, the Department of Crop and Soil Sciences is supportive of developing the Masters of Plant Protection and Pest Management (MPPPM) professional graduate degree program at the Griffin Campus. Faculty on the Griffin campus, administration, and faculty that have been involved with the MPPPM program on the Athens and Tifton campuses are also supportive.

Dr. William Vencill will continue to offer Weed Sciences to Griffin via Distance Education originating from Athens. Dr. Mark Czarnota has agreed to teach the Weed Sciences laboratory section of the class. I believe that Griffin faculty should be appointed to the existing MPPPM committee for admission and curriculum decisions.

Sincerely,



Donn Shilling
Professor and Head



The University of Georgia

College of Agricultural & Environmental Sciences
Department of Plant Pathology

7 November 2016

Dr. Lew Hunnicutt
Assistant Provost and Director for the UGA Griffin Campus
UGA Griffin Campus
1109 Experiment Street
Griffin, GA 30223

RE: Support for the Griffin-based MPPPM program

Lew,

As we discussed, the Department of Plant Pathology is supportive of developing the Masters of Plant Protection and Pest Management (MPPPM) professional graduate degree program at the Griffin Campus. Two Griffin-based faculty members in the department, Drs. Buck and Martinez-Espinoza, are ready and willing to teach laboratory components of the required plant pathology courses, with the lecture components to be delivered online or via videoconference from Athens and/or Tifton. Both instructors will need small increases in their teaching EFT, but this can be accomplished by internal reallocation without requiring additional resources.

I appreciate the recognition that establishment of this new program does require some basic resources and infrastructure to be put in place to be viable. The CAES previously committed a TA line in Griffin to the Department of Plant Pathology, which will be utilized to provide laboratory support for plant pathology courses required for the MPPPM. In addition, the budget included in your proposal will cover the recurring costs associated with our most laboratory-intensive courses, *Diagnosis and Management of Plant Diseases* (PATH 6280/L) and *Clinical Plant Pathology* (PATH 8300). As such, the pieces are in place from my perspective to successfully launch the Griffin-based MPPPM program.

With best regards,

Harald Scherm
Professor & Department Head



The University of Georgia

College of Agricultural and Environmental Sciences
Department of Entomology

November 7, 2016

To: CAES Graduate Affairs Curriculum Committee

Subject: Department Head Letter of Support for MPPPM on the Griffin Campus

1. Faculty Work Load.

The faculty in Entomology have worked collaboratively with CSS and PATH to offer this program over many years. With our current course offerings at Griffin and our ability to offer courses electronically between our three campuses, I see no major issue on teaching workload. Most of our faculty at Griffin routinely advise graduate students and this should not be a problem or issue at this point.

2. Based on discussions with Dr. Hunnicutt and others involved in the proposal and recent MPPPM program growth in Tifton, there appears to be significant demand to support a program in Griffin. The numbers of extension employees in the greater Atlanta area and northwest Georgia who will need to pursue a Masters Degree should be sufficient to get the program off to a good start.

3. In the case of Entomology, there are no issues of concern with the Entomology Graduate Coordinator. My only concern is that it be managed in such a manner as to not add an unnecessary work load to the MPPPM Graduate Coordinator.

4. The admissions decisions are now made by a faculty Committee representing all Departments and that should continue either through a representative from Griffin on the six member Committee, or possibly a subcommittee to handle applications specifically directed to the Griffin Program. A nine member admissions review committee will be cumbersome and will add to the MPPPM Graduate Coordinator's time frame for handling applications.

Sincerely,

Ray Noblet
Professor Emeritus and Previous Dept. Head

Kris Braman
Professor and Department Head

Approvals on File

Proposal: External Degree – Master of Plant Protection and Pest Management (M.P.P.P.M) at Griffin Campus

Department: Entomology, Plant Pathology, and Crop and Soil Sciences

College: College of Agricultural and Environmental Sciences

Proposed Effective Term: Fall 2017

Department:

- Crop and Soil Sciences Department Head, Dr. Donn Shilling, 11/28/2016
- Entomology Department Head, Dr. S. Kristine Braman, 11/16/2016
- Plant Pathology Department Head, Dr. Harald Scherm, 11/17/2016

School/College:

- College of Agricultural and Environmental Sciences Associate Dean, Dr. Josef Broder, 11/28/2016
- College of Agricultural and Environmental Sciences Dean, Dr. Samuel Pardue, 11/28/2016

Graduate School:

- Graduate School Dean, Dr. Suzanne Barbour, 02/21/2017

Additional Support:

- Associate Provost and Griffin Campus Director, Dr. Lew Hunnicutt, 3/15/17