2) pass a Final Oral Examination based on the document as determined by the Advisory Committee.

Core Courses (11 credits)

| EVSC 0500 | Biostats I* | 3 credits |
|-----------|---|-----------|
| EVSC 0501 | Biostats II/(GEC 0615 – Quantitative Mileods or equivalent) | 3 credits |
| AGSC 0600 | Non-Thesis/Thesis Graduateoject Seminar I | 1 credit |
| AGSC 0604 | Non-Thesis/Thesis Graduate Project Seminar II | 1 credit |
| PLSS 0700 | Research ina and Soil Sciences | 6 credits |

^{*}Coursesin disciplineapproved by Advisory Committee may be substituted for these courses.

Advisory Committee

A Major Advisor will be assigned to the student the department health estudent has not already identified one. The Department of Asyltural and Environmental Sciences and the Dean of Graduate Programs encourage the home an Advisory Committee during the first semester of your graduate studies. In consolitawith the Major Advisor, the Advisory Committee should be selected assist comprised of three membel inscluding the Major Advisor). At least two must be in the area of the studentsearch interest. Together with the Major Advisor, the student will identify a research polem (subject matter totally) and prepare a research proposal for subsequent approval by threm to the student's responsibility to contact each prospective committee membereto if he/she will serve on the Advisory Committee. It is recommended that the studentain the written approval of each committee member. After the approvals are received, Dispertment head, Collegend Graduate School deans are to be notified of the committee meshbere Major Advisor serves as chairperson of this committee and will convene meetings at his/her discretion.

Other:

Professional Development Document/Thesis

The final draft of the non-thesidocument or the thesis mutate filed with the student's Advisory/Examining Committee at least 30 days betto date listed in the university calendar for final copies to be submitted during the semester in which the student expects to graduate. The student must present to the Dean of Grad Pategrams a "Preliminary Approval Sheet" (PAS) bearing the signature of the Major Professor treeftoe final oral examination may be scheduled and before copies of the thesis are district to members of the Advisory/Examining Committee. After the "Preliminary Approval Set" has been signed, it should be submitted to the Dean of Graduate Programs before the final draft of the thesis/dissertation is preparted final approval. Approval of the Professional Development Document/Thesis in its final forests with the Advisory/Examining Committee.

Transfer Credits

A maximum of nine (9) semester hoursmay be transferred from graduate courses taken at other university provided the student has grades "B" or better in these courses. For students who are pursuing a second Master gree at Tuskegee Universinine hours of credit are transferable from courses taken to fulfill the requirements of the first degree spondence course credits are not acceptable Transfer credits may be recommended under both core and elective categories.

Admission to Candidacy

Immediately after completing 15 credits of coursers at Tuskegee University, the student must submit to the Dean of Graduate Studies, a completed application for the Candidacy for the degree.

Seminars

A student pursuing the Master Science degree in Plant and Soil Sciences must present at least two seminars. The first seminar (AGSC 0600) shall the presentation of the student's research proposal of the Master's thesis. The secon \$500 0604 shall be his/her final seminar. The student is also required to pair to pair the course or not.

Research and Teaching Assistantships

Funding through research and teaching assistantist in peailable for accepted graduate students on a competitive basis. While hesis option students may qualify for support for tuition and stipend; non-thesis option students may only quadrif a work study (15 hr/wk). Research and teaching assistants are expected to provide vice to the Department through conducting or assisting with research, teaching and other expression related to the code. Continuation of the financial support depends on student's performant course work, satisfactory progression on research/professional development; pect and availability of funds.

List of Courses

(Master of Science Non-Thesis and Thesis Options)

AGEC 0505. AGRIBUSINESS MANAGEMENT: Semester. Lect. 3Economic principles applied to organization and options of farms; introduction to farm financial management techniques.3 credits.

AGEC 0615. QUANTITATIVE METHODS. §^T Semester. Lect. 3. Statistical methods and their applications: probability density dedistribution functions as background studying principles of economic models analyses diction problems, programing, scheduling and network; special topics of cuent interest 3 credits. Peguisites: AGEC 553; ECON 352, 353.

AGSC 0600. NON-THESIS GRADUATE PROPOSAL SEMINAR I. s1and 2d Semesters. Lect. 1, 1 credit. Lectures frositing scientists, and otherganizations on topics

PLSS 0530. PLANT BIOTECHNOLOGY. ndSemester. Lect. 3, 3 credits. A lecture discussion course for upper-level undergetel and graduate students in agronomy and horticulture. The purpose is totioduce students to principles applications of plant molecular and cellular genetics with emphasis on

chemistry techniques to investige physic-Chemical properties soils. Prerequisites: PLSS 0626 and Permission of instructor.

PLSS 0680. ADVANCED PLANT BREEDING. 2 nd Seter, odd years. Lect. 2, Lab 3, 3 credits. A study of me relationships betweetent breeding methods at their utilization in advancing genetic material. Both practical areabtetical uses will be dealt with as related to crop improvements. Prerequisite LSS 0530 or Consent of advisor.

PLSS 0681. ADVANCED VEGETABLE CRPS. 2nd Semester, even years. Lect. 2, Lab 3, 3 credits. A study of cultural practices of specifiegetable crops with emphasis being placed on growing, harvesting and marketing. Preresites; PLSS 530 or consent of advisor.

PLSS 0695. SPECIAL TOPICS IN ENVORNMENTAL, NATURAL RESOURCE AND PLANT SCIENCES. 1st and 2nd Semester. Lect. Or, exists. Topics at the advanced level may be selected from the following: biodnestry, plant physiology and soil sciences.

PLSS 0752. CONTINUOUS REGISTRATION. 1sthd 2nd Semesters, Summer. 0 credits. Restricted to graduate students who haventablecourses including PLSS 0700 and need to use the service and resources of the University to complete their theses or reading for graduate examination. Students may have a maximum of registrations only; afteward registration as a regular graduate student will be required tilundegree requirements that been completed. Prerequisite: Permission of major advisor.

PLSS 0754. CANDIDATE FOR DEGREE ONLY. 1st and 2nd Semester, Summer. 0 credits. Restricted to graduate students who havenpteted all requirements for graduate degree including final oral or comprehensive examtiona, submission of thesis and approval of the thesis by the Office of the Graduate Programs. Students will be permitted to register in the category one time only.

EVSC 0500. BIO-STATISTICS I. *ISemester. Lect. 2, Lab 3, 3 credits. Statistical methods inetgs: ibt@bl(to)9(@(stspple)repPro(resolthedis b5/2i)95(le(feat.D) 200ed.5) filt6800\$203.W([(0) 1722@it5edttxg)?&(ss))T(in)2

serve as learning guides. Extensis/tudent preparation prior toass is essential. Students are expected to participate significantly in classodission and conscientious dyntribute to group work. Independent student research to be delired. There are no prerequisites.

**Note: At the time of program development the listed courses comprise PLSS courses; however, any PLSS courses developed hereaftand meet the requirements indicated may be used to fulfill the concentration requirement indicated above. Further, elective courses may include those in any discipline offered at the graduate level (500 or above) as specified above.

Key Graduate Faculty

Name