

**Virginia State University
Department of Biology
BIOL 524-01/ Research and Thesis
Syllabus Spring 2003
3 credit hours**

Class hours: MTWTF 11:00-11:50 or as needed

Instructor: Regina M. Knight-Mason, Ph.D.
Associate Professor

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Text Book: Biomedical Research: **How to plan, publish and present it** by William F. Whimster, Springer Publishers., 1997, or a related text.

Supplies: Research Notebook and other supplies as indicated by the graduate program.

Course Description: Students conduct research and write theses under the supervision of thesis or research professors.

Prerequisite: Admission to candidacy for the master's degree and permission of the thesis professor.

Knowledge

1. Know when and how to use basic experimental approaches
2. Know how to conduct library and electronic literature searches
3. Become familiar with a specific research area.

Skills

1. Design a biology based experiment
2. Learn to use specific research equipment as it relates to the research project
3. Learn basic techniques as related to certain experimental problems

Abilities

1. Write a research proposal
2. Present his or her own research
3. Complete writing and successfully defend a thesis project

Grading

Research initiated only	S
Research Proposal	S
Writing of thesis only	S
Defending thesis, but final written thesis not submitted	S
Successfully completing all the above	A+, A, A-, B+, B, or B-