GRADUATE CATALOG

2004 – 2006

UNIVERSITY OF ARKANSAS AT PINE BLUFF
Graduate Studies
1200 North University Drive
Pine Bluff, Arkansas 71601
(870) 575-8316

http://www.uapb.edu

DIVISION OF GRADUATE STUDIES AND CONTINUING EDUCATION

Dr. Lawrence A. Davis, Jr.
Chancellor

Dr. Mary Benjamin
Vice Chancellor for Academic Affairs

Dr. Alfred Arrington
Interim Dean
Graduate Studies and Continuing Education

Bonita Corbin
Assistant Director

Shelia Bryan
Administrative Assistant

Yalanda Carruth
Secretary II

Thomas Arnold
Technical Assistant

Higher Learning Commission:NCA
30 North LaSalle, Suite 2400
Chicago Illinois 60602-2504
800-621-7440

TABLE OF CONTENTS

Useful Telephone Numbers **6**
University History **8**
Mission of The University **10**
Goals of The University **11**
Accreditation And Membership **12**
Changes In University Regulations **12**
Graduate School Purpose **13**

School of Education
Dean: Dr. Calvin Johnson

Graduate School Purpose **15**
Master of Education Degree **15**
Graduate Faculty **15**
Purpose **15**
General Admission **15**
Knowledgebase for Professional Education **16**
The Teacher as a Promoter of Academic Excellence (T-PAE) **16**
Diversity **16**
Technology **17**
Student Asessment **17**
Admission to Graduate Status **17**
General Admission **18**
Regular Admission **18**
Conditional Admission **18**
Admission to degree Candidacy **18**
Admission Alternatives to Established Admission Policies **19**
Transient Students **19**
Undergraduate/Graduate Enrollment **19**
Residence Requirements **19**
Graduate Comprehensive Examinations **19**
Exit Requirements **20**
Time Limitation **20**
Transfer of Credit **20**
Academic Guidelines **22**
Changes In University Regulations **22**
Grade System **22**
Academic Progress **22**
Academic Probation **22**
Academic Dismissal **22**
Academic Dishonesty **23**
Incomplete Grade **24**
Grade Changes **24**
Audit Credit **24**

Attendance **24**
Schedule Change (Dropping And Adding) **24**
Withdrawal From The Graduate Program **24**
School of Education Graduate Programs Of Study **25**
Master of Education In Elementary Education **26**
Master of Education In English **29**
Master of Education In General Sciences **31**
Master of Education In Mathematics **33**
Master of Education In Physical Education **35**
Master of Education In Social Studies **37**

School of Agriculture, Fisheries & Human Sciences
Dean: Dr. Jacqueline McCray

Master of Science In Aquaculture/Fisheries **40**
Graduate Faculty **40**
Facilities **41**
Admission Process **42**
Admission Deadline **43**
Admission Requirements and Student Classification **43**
Regular Admission **43**
Provisional Admission **43**
Conditional Admission **43**
Graduate Research Assistantship **43**
Transfer of Credit **44**
Enrollment In Graduate Classes **44**
Graduate Student Load **44**
Auditing Courses **44**
Advisory Committee **44**
Program of Study **45**
Committee Meetings **45**
Grades **45**
Academic Progress, Probation, and Dismissal **46**
Disputed Grades **46**
Thesis Proposal and Proposal Defense **46**
Comprehensive Examination **47**
Petition To Graduate **47**
Residence Requirements **47**
Foreign Language **47**
Preparation of the Thesis **47**
Thesis Seminar, Defense, and Submission **48**
Registration Status of Students **48**
Withdrawal From The Graduate Program **48**
Readmission **49**
Graduate Core Course Offerings **51**

School Of Arts And Sciences
Dean: Dr. William Willingham

Master of Science Degree In Addiction Studies 56
Mission Statement 56
Purpose 56
Admission Requirements 57
A.Unconditional Admission 57
B.Conditional Admission 58
C.Special, Non-Degree Seeking Students 58
Removal From Conditional Admission Status or Special Student, Non-Degree Seeking Admission Status To Unconditional Status 59
Deficiency Removal Plan (Drp) 59
Specific Exit Requirements 59
Delay of Enrollment and Readmission Procedures 61
Residency Requirements 61
Time Limits 61
Exit Requirements 61
Probation and Dismissal 61
Probation 62
Dismissal 62
Appeal Process 62
Academic Dishonesty 62
Incomplete Grade (“I”) 63
Changes In Program and University Academic Policies 64
Course Descriptions 65
2003 - 2004 Graduate Faculty 68
Academic Calendar 2004-2005 71
Application for Admission to Graduate Studies 72

USEFUL TELEPHONE NUMBERS

Academic Affairs	**575-8475**
Admissions and Academic Records	**575-8492**
Agricultural Research Center	**575-8131**
Alumni Affairs	**575-8499**
Aquaculture/Fisheries Graduate Coordinator	**575-8105**
Basic Academic Services	**575-8356**
Bookstore	**575-8857**
Career Services	**575-8463**
Cooperative Extension	**575-8530**
Chancellor	**575-8470**
Comprehensive Testing	**575-8056**
Financial Aid	**575-8302**
Graduate Studies and Continuing Education	**575-8316**
Health Services	**575-8508**
Honors College	**575-8050**
Housing	**575-8079**
Library	**575-8411**
Military Science	**575-8445**
Public Safety	**575-8101**
Registrar	**575-8487**
School of Agriculture, Fisheries, and Human Sciences	**575-8529**
School of Arts and Sciences	**575-8210**
School of Business and Management	**575-8211**
School of Education	**575-8256**
School of Education Graduate Programs	**575-8246**
Student Affairs	**575-8508**
Student Life	**575-8360**
Student Support Services	**575-8380**
Student Union	**575-8926**
University College	**575-8335**
Veterans Affairs	**575-8293**

Administration Building

UNIVERSITY HISTORY

The University of Arkansas at Pine Bluff
The University of Arkansas at Pine Bluff is a state supported land grant institution. It was created in 1873 by an act of the Legislature as a branch of the Arkansas Industrial University (now the University of Arkansas).

Originally known as Branch Normal College, the school opened on September 27, 1875 in a rented frame building on the corner of Sevier and Lindsey Streets in the city of Pine Bluff. With Professor J.C. Corbin in charged, seven students enrolled, three from Jefferson County and four from Drew County.

In 1882, the school moved to a two-story brick structure erected by state funds on a fifty-acre plot in the suburbs of Pine Bluff. Between 1881 and 1894, the school conferred ten Bachelor of Arts degrees. From 1894 to 1929, the school operated as a junior college.

In 1927, the governor appointed an independent board of trustees for the college and the state legislature appropriated $275,000 for the erection of a new physical plant just outside the city limits. To aid in this project, the General Education Board contributed $183,000 and the Resenwald Fund $44,000.

In 1929, the school expanded into a standard four-year degree-granting institution and in 1933 was certified as a standard four-year college. Two years later, a building program provided eight residences for instructors, a gymnasium in 1938, two more dormitories, and a library.

In 1942, as a result of the sudden and untimely death of John Brown Watson, Lawrence A. Davis, Sr. was acting president. In April 1943, the Board of Trustees named Davis president of the institution. Toward the end of the 1940's, an extensive building program began that eventually doubled the college's facilities: Larrison Science Building (1950), Woodard Agricultural Building (1950), L.A. Davis, Sr. Student Union (1952), Brown Student Infirmary (1952), Rust Industrial Technology Building (1963), John Brown Watson Library Building (1968), Room Norma E. Harrold Dormitory Complex for Women (1965), Franks-Kincaid Faculty Apartment Building (1965), and J.C. Corbin Teacher Education Building (1965). In 1968, an extension to the Lawrence A. Davis, Sr. Student Union expanded the lobby, kitchen and dining room facilities. Students began using the new Isaac Hathaway Fine Arts Building during the 1969 fall semester.

The College Farm or 220 acres and the Agri-Lab underwent an expansion in services and research facilities in 1966 involving an expenditure of a quarter of a million dollars. In cooperation with the University of Arkansas and the Arkansas Archeological Survey, the college's Anthropological Laboratory increased its research facilities and enriched its curricular offerings in 1967. On July 1, 1972, a merger rejoined the two oldest public higher educational institutions in the state: Arkansas Agricultural, Mechanical, and Normal College was merged into the University of Arkansas System. Arkansas AM&N was renamed the University of Arkansas at Pine Bluff.

With appropriations from the State Legislature and Federal Government, the University initiated another physical plant improvement program in 1972. A physical plant building was completed in 1973, a new science building in 1975, and a major renovation program for all existing buildings and grounds was completed or planned by mid-1975. In 1977, the University added a $28,000,000 Home Economics complex and a $1,600,000 Administration Building. At a cost of $7,500,000 a Health, Physical Education and Recreation Complex was completed in 1984.

When Lawrence A. Davis, Sr. left in August 1973, Johnny B. Johnson, Sr. was appointed Acting Chancellor. On July 1, 1974, Herman B. Smith, Jr. began his duties as Chancellor. Under his leadership, new programs were added to the curriculum and a vigorous recruiting drive was initiated to increase student enrollment. A combination of increased state funding and outside support resulted in the improvement of the physical plant and the acquisition of a higher percentage of faculty with doctoral degree. Dr. Smith resigned his position June 30, 1981. From January 1981 through August 1981, an Administration/Operation Committee guided the University.

On September 1, 1982, Lloyd V. Hackley assumed duties as Chancellor of the University. His commitment to excellence in higher education echoed throughout the state of Arkansas resulting in his appointment to the Education Standards Committee and the Quality Higher Education Study Committee by Governor Bill Clinton. During his tenure, Dr. Hackley obtained funding to construct and furnish the Kenneth L. Johnson, Sr. HPER Complex. He also supervised the restructuring of UAPB's academic program into a University College to supervise the first two years of instruction and an Upper Division to supervise the last two years. His resignation became effective September 30, 1985.

From October 1, 1985 to August 15, 1986 Dr. Johnny B. Johnson served the University as Provost and chief operating officer. On August 19, 1986, Dr. Charles A. Walker assumed responsibilities as Chancellor. During his administration, UAPB initiated graduate programs leading to the Master of Education degrees in Elementary and Secondary Education. The UAPB Research Center was opened. The Johnny B. Johnson Residence Complex was constructed and the L.A. Davis Student Union and the Harrold Residence Complex received extensive renovations.

After Dr. Walker's resignation in June 1991, Dr. Carolyn F. Blakely was appointed Interim Chancellor. Dr. Lawrence A. Davis, Jr., class of 1958, replaced Dr. Blakely when he was appointed Chancellor in November of 1991. New degrees added during Dr. Davis' administration included Sound Recording Technology, Rehabilitation Services, and Regulatory Science. Aquaculture/Fisheries enrolled its first students for the Master of Science degree in 1997 under Dr. Lawrence A. Davis, Jr's administration.

Location

The University of Arkansas at Pine Bluff is located in the northern part of the city in South Central Arkansas. Pine Bluff has a population of 57,000 and is the county seat of Jefferson County. It is accessible by land via State Highways 65 and 79 and by air via Little Rock Airport.

Culture and recreational facilities include the Southeast Arkansas Arts and Science Center, movie theaters, libraries, a bowling alley, roller-skating rinks, golf courses, swimming pools, parks, a city lake, riverside sporting and recreation activities, and a convention center that attracts top national entertainers. Pine Bluff has major chain motels and a variety of fine restaurants. Just 38 miles to the north is the state capitol, Little Rock. Approximately 142 miles northeast of Pine Bluff is Memphis, Tennessee.

MISSION OF THE UNIVERSITY

Historical Mission

One of the most important aspects of the historical mission of Agricultural, Mechanical and Normal College was established by the Legislative Act of 1873. The Act stipulated that the institution was being established for the convenience and well being of the "poorer-classes."

The second statutory provision relating to the mission of the College was the Land Grant Act of 1890 which made the Morrill Act of 1862 applicable to Agricultural, Mechanical and Normal College.

The Act of 1862 charged the College, without excluding other scientific and classical studies and including military tactics, to teach such branches of learning as related to agriculture and mechanic arts. These subjects are to be taught in such a manner as the State prescribes in order to provide the liberal and practical education of the laboring classes of people in the several pursuits and occupations of life.

Evolving Mission

In 1972, when AM&N was merged with the University of Arkansas System, the institution's name was changed to the University of Arkansas at Pine Bluff and the mission was expanded. The expanded mission is as follows: The University of Arkansas at Pine Bluff continues to maintain a special sensitiveness to the needs, aspirations, problems and opportunities of its historic constituents. It shall expand its mission with a high degree of excellence and with a sense of constantly improving quality. The new social context that is emerging as a result of integration requires that this mission be expanded, extended and enriched so as to become consonant with the needs and demands of a more culturally heterogeneous student clientele-a clientele differing academically, socially, racially, ethnically and culturally.

To fulfill its mission of service to this heterogeneous clientele, UAPB shall develop creative and innovative activities that produce new curricular models in the fields of aesthetics, social and political institution, and scientific technical development. This will be accompanied by new instructional designs and professional staffs capable of implementing such programs.

The thrust of this new and expanded mission could and should result in the re-examination and improvement of value systems and moral behavior of political institutions and of the economic system. Such a mission does not merely support the advancements of science and technology; it uses science and technology to help solve economic, physical, social, political, racial and cultural problems.

GRADUATE SCHOOL PURPOSE

The primary aim of graduate studies is the advanced preparation of students in the fields of Elementary and Secondary Education, Aquaculture/Fisheries, and Addiction Studies.

Graduate Programs shall be coordinated by the Dean of Graduate Studies and Continuing Education. The Graduate Council has legislative authority for the entire process and shall designate specified advisory responsibilities.

The curricula for Master of Education degree include courses in both professional education and subject matter areas. A total of 36 hours of study is required for program completion, 24 of which may be taken either at the University of Arkansas at Monticello or the University of Arkansas at Pine Bluff. The University of Arkansas at Pine Bluff (UAPB) offers the masters degree in the areas of Elementary Education and Secondary Education. In secondary education, there are five cognate areas: Mathematics, Physical Education, Social Studies, English and Science.

A Master of Science degree is offered in Aquaculture/Fisheries. Students can specialize in the areas of fish health, nutrition, pond and hatchery management, water quality, economics and marketing, stream ecology, larval fish ecology and fisheries management. A minimum of 34 hours of coursework and a thesis are required for this degree.

A Master of Science degree in Addiction Studies is offered through the School of Arts and Sciences.

Dawson-Hicks Hall and Caine-Gillard Hall

MASTER OF EDUCATION DEGREE

Calvin Johnson, Ph.D.
Dean

School of Education
University of Arkansas at Pine Bluff
1200 N. University, Mail Slot 4927
Pine Bluff, Arkansas 71601
Telephone: (870) 575-8256
Fax : (870) 575-8016

Linda Joshua, Ph.D.
Coordinator, School of Education Graduate Programs
(870) 575-8246

Graduate Faculty

Shelbie Anderson	**Dominick Fazarro**	**Paul Lorenz**	**Stephan Tai**
Alfred Arrington	**Shelton Fitzpatrick**	**Brenda Martin**	**Ebo Tei**
Mary Benjamin	**Freddie Hartfield**	**Muhammad Miah**	**Albert Toh**
Carolyn Blakely	**George Herts**	**Qumare Morehead**	**Richard Walker**
Fredda Carroll	**Calvin Johnson**	**Lawrence Mwasi**	**Bettye Williams**
Aslam Chowdury	**Linda Joshua**	**Clifton Orr**	**W. Curtis Williams**
Mark Conley	**Verma Jones**	**Joseph Owasoyo**	**William Willingham**
Dorethea Davis	**Gurdeep Khullar**	**Buford Satcher**	
Lawrence Davis, Jr.	**Hazel Linton**	**Andrea Stewart**	

PURPOSE

The Graduate Program in the School of Education offers Masters degrees in Elementary Education and Secondary Education in five specialty areas: Physical Education, Mathematics, Social Studies, General Science, and English. The major function of the Graduate Program is to provide advanced academic opportunities, which will prepare individuals to be leaders in their professions and in their various communities. The primary aim of the School of Education Graduate Program is the advanced preparation of teachers for the improvement of classroom teaching in elementary and secondary schools.

GENERAL ADMINISTRATION

The Program shall be administered by the Coordinator of the School of Education Graduate Program. The Dean of the School of Education will have approval responsibility for the Graduate Program. The Graduate Council, along with the Dean of Graduate Studies, has legislative authority for the entire process and shall designate specified advisory responsibilities.

Technology
The conceptual framework (T-PAE) addresses technology in its undergraduate curriculum from the perspective of the following components: Instructional Skills and Technology, Global Awareness, and Research. Technology courses are also evident in the professional development of graduate students. Six graduate hours in computer proficiency, basic media and instructional design with application of state-of-the-art technology, are required core curriculum for elementary and secondary education master degree majors. In addition, faculty model and assign content specific technology activities in the various methods courses at both the undergraduate and graduate levels.

Student Assessment
During Spring 2000, the unit was involved with developing a student assessment plan according to the Arkansas Department of Education requirements. The unit responded to the state's efforts to increase teacher candidates' competence and accountability by designing new performance assessment criteria. By meeting the initial assessments for entry into the Graduate Program, graduate school candidates are assured to complete all requirements for the advanced degree, while securing state licensure, when applicable.

The conceptual framework for the professional education programs at the University of Arkansas at Pine Bluff (UAPB) is predicated on the philosophy that the unit is preparing professionals to work in a world where change occurs constantly and life long learning is a necessity. Nearly every segment of our society is insisting upon educational reform. Changes in licensure standards have revolutionized the way teachers are trained. These changes in standards and practices have increased the focus on candidates' knowledge and performance. The conceptual framework provides the foundation around which all graduate educational experiences have been built.

ADMISSION TO THE GRADUATE STATUS
Applicants requesting admission to the graduate program at the University of Arkansas at Pine Bluff may be considered for graduate study as a result of graduate status. Graduate status is acknowledged upon receipt of an official copy of the applicant's baccalaureate degree transcript from a regionally accredited institution in the United States, or a foreign institution with comparable baccalaureate degree requirements. Conference of graduate status does not automatically guarantee admission to the Graduate Program. Graduate status could be extended to persons who are not seeking a graduate degree (non-degree), as well as to persons who have made the decision to pursue graduate study for the purposes of obtaining the Master of Education degree. To pursue the graduate degree, a person with graduate status has to gain regular admission (conditional and unconditional) to the graduate program.

Persons in pursuit of the graduate degree are accepted into a program of study by a department after gaining regular (conditional or unconditional) admission to the Graduate Program in the School of Education. Applicants holding graduate status, who had not been accepted in a program of study leading to a specific graduate degree, are advised that no more than 12

semester hours of graduate-level courses, which could be counted toward the requirements for a graduate degree, could be obtained prior to completing the admission process.

GENERAL ADMISSION
Program admission requirements provide for full (unconditional) and conditional admission. The admission decisions will be based upon objective criteria and subjective considerations. The graduate level admission procedure is a comprehensive system which outlines specific requirements necessary for unconditional admission approval to the School of Education as follows:

REGULAR ADMISSION
Admission to the graduate program requires: (1) a baccalaureate degree from a regionally accredited institution of higher education; (2) an undergraduate cumulative grade point average of at least 2.75 (3.00 in the last 60 hours attempted) supported by transcripts; (3) an application for admission; (4) two letters of recommendation from former professors and/or employers (school-based, personnel); (5) GRE scores; (6) a standard Arkansas Teaching Certificate, or documented eligibility for an initial standard Arkansas Teaching Certificate by submitting all PRAXIS scores which meet state certification requirements; and (7) acceptance in a department supported by a degree plan recommended by the Coordinator of Graduate Programs. Initial certification requires the completion of the Professional Semester (Student Teaching). All program admission decisions are recommended by the department to the Office of Graduate Programs for approval by the Admission, Retention, and Exit Committee.

CONDITIONAL ADMISSION
Conditional admission may be granted as a result of the School of Education's established policies, which allow for alternatives to the unconditional (regular) admissions procedures to encourage enrollment of under represented populations. Conditional admission may be granted to advanced candidates who have not satisfied PRAXIS I and PRAXIS II requirements, but have yet to complete the Graduate Record Examination (GRE) requirements, have a grade point average of 2.50 to 2.75, or have not completed student teaching. Candidates admitted conditionally must earn a grade point average of at least 3.00 during their first twelve (12) hours of course work and complete the admission criteria to continue in the program.

ADMISSION TO DEGREE CANDIDACY
Students may advance to degree candidacy after achieving: 1) graduate status; 2) completion of 12 semester hours of graduate course work applicable to the degree sought; and 3) full unconditional admission status in the Master of Education degree program. Applicants for degree candidacy should have an undergraduate cumulative grade point average of at least 2.75 (or 3.00 in the last 60 hours attempted), and support their application with letters from former professors and/or employers. All students must have completed the Graduate Record Examination (GRE) prior to receiving degree candidacy status.

All degree candidacy decisions are recommended by the department to the Admission, Retention, and Exit Committee.

Following the examination, the Comprehensive Committee Chairperson will be responsible for distributing materials to other committee members and collating rater response sheets.

The Comprehensive Committee Chairperson will return to the Office of Graduate Programs the "Report of Examining Committee" Form specifying the student's performance as satisfactory or unsatisfactory.

Students failing one or more parts of the examination may be eligible to rewrite with permission from the Evaluator (Rating Professor). If the student remains unsuccessful, he/she must be interviewed by the entire committee on the content of the examination item(s) failed. A majority vote of the Examination Committee will be needed to reverse the decision of the primary item evaluator.

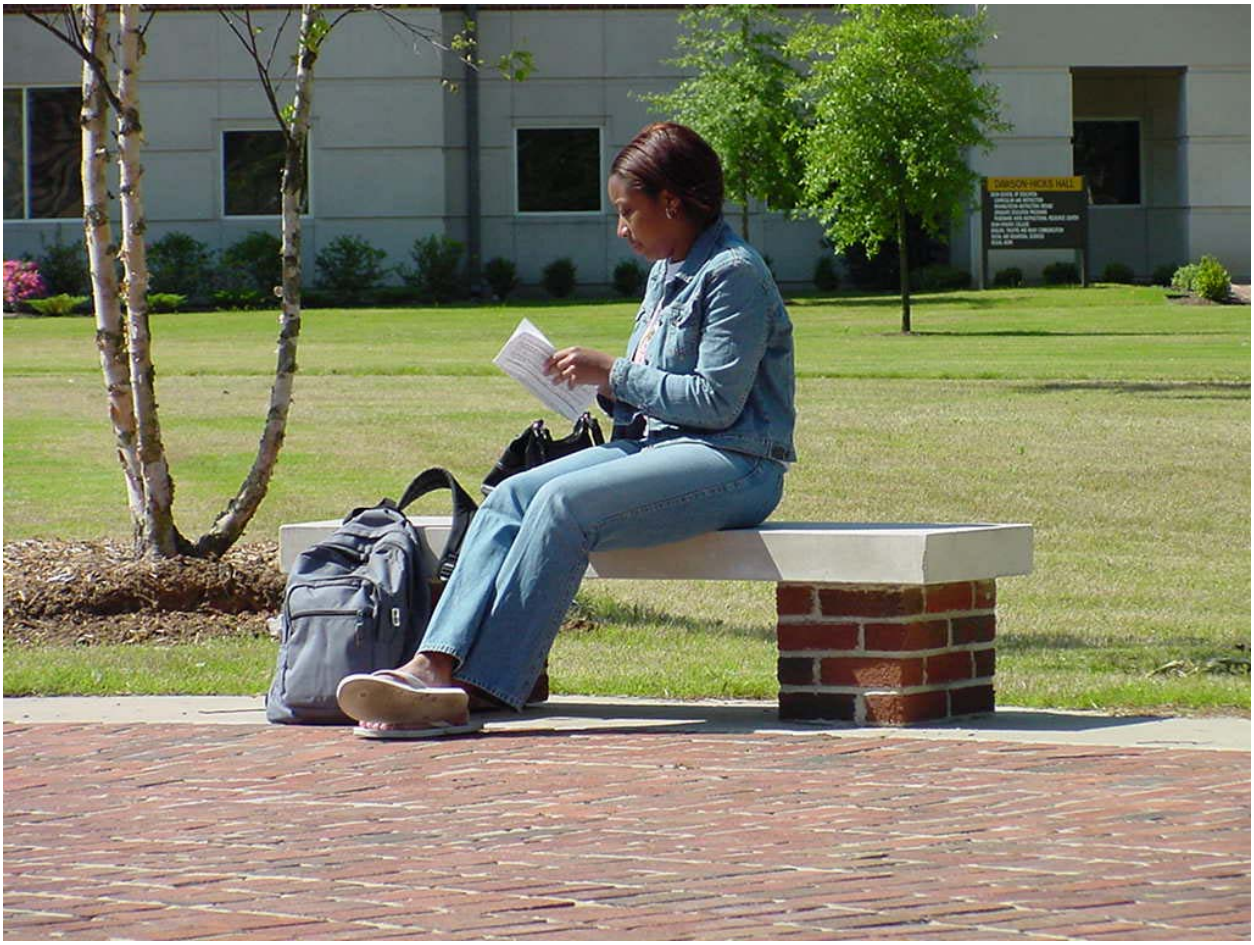
Students should have official notification of the results approximately two weeks after administration. All satisfactory scores will be submitted to the Registrar's Office.

EXIT REQUIREMENTS
Students are required to follow a degree plan as approved by the Graduate Advisor, be admitted to degree candidacy, successfully complete the Graduate Comprehensive Examination and gain approval from the Admission, Retention, and Exit Committee and the Graduate Council. A cumulative grade point average of 3.00 is required for graduation.

TIME LIMITATION
All requirements for the Master's Degree must be satisfied within six consecutive calendar years.

TRANSFER OF CREDIT
A student may transfer no more than six (6) hours of graduate credit from another **regionally accredited graduate school in the United States**, provided the grades are "B" or better and the courses are acceptable to the appropriate department as a part of the masters program. Only courses that counted toward a degree at an accredited institution will be considered for transfer credit. Students wishing to transfer credit must submit official transcripts and other appropriate course identification information to the Graduate Advisor for initial approval. The recommendations of the Graduate Advisor are forwarded to the Department Chairperson, Dean of the School, and the Graduate Coordinator for approval. Coursework may be transferred upon the student's admission into a graduate studies program. Coursework transferred must not be older than six (6) years at the time of approval. An additional three hours may be transferred subject to approval by the Graduate Advisor, Chairperson, School Dean, and Graduate Coordinator. The transfer of graduate credit from institutions outside the U.S. is not permitted.

Students transferring to the University will be required to complete at least twenty-seven hours credit prior to graduation. The hours must be taken in residence. This regulation is binding even though the student has sufficient hours of credit otherwise to meet the requirements. All standards with respect to transfer credit are binding and are not, therefore, subject to appeal.



Student relaxing before final examination

ACADEMIC GUIDELINES

Changes in University Regulations
The University reserves the right to change the regulations for, admission to, instruction in, and graduation from the University and to change other regulations affecting the student body at any time. New regulations go into force whenever proper authorities determine they are needed and apply both to prospective graduate students and to those matriculating at the time.

GRADE SYSTEM

A	**(90-100)**	**Excellent**	**4**
B	**(80-89)**	**Good**	**3**
C	**(70-79)**	**Fair**	**2**
D	**(60-69)**	**Poor But Passing**	**1**
F		**Failure**	**0**
I		**Incomplete**	
W		**Withdrawal**	
AUD		**Audit, carries no credit**	
R		**Repeated, carries not credit**	

ACADEMIC PROGRESS
Students enrolled in a graduate program at the University of Arkansas at Pine Bluff must maintain a cumulative grade point average of 3.00 on a 4.00 grading scale. A cumulative grade point average of 3.00 is required for graduation.

ACADEMIC PROBATION
If a graduate student has less than 3.00 cumulative grade point average in 12 or more semester hours of course work taken in residence for graduate credit, the student will be placed on Academic Probation. The student will subsequently be dismissed from the Graduate program if the cumulative grade point average is not raised to 3.00 or above with the next semester/session of attendance. In accordance with established procedures the graduate faculty of an academic program may recommend that the student be readmitted to the Graduate Program. Dismissed students may petition for readmission by submitting a written appeal to the Coordinator of the Graduate Program.

ACADEMIC DISMISSAL
Students may be dropped from a Graduate Program if at any time their performance is considered unsatisfactory as determined by either the Program Faculty or the Dean of Graduate Studies and Continuing Education. Academic dishonesty and failure to maintain academic progress are considered to be unsatisfactory performances.

ACADEMIC DISHONESTY

Academic Dishonesty involves acts which may subvert or compromise the integrity of the educational process at the University of Arkansas at Pine Bluff. Included is any act by which a student gains or attempts to gain an unfair academic advantage in fulfilling the requirements. These acts include, but are not limited to, accomplishing or attempting any of the following:

1. Altering of grades or other official records;

2. Using any materials that are not authorized by the professor during an examination;

3. Copying from another student's paper during an examination;

4. Collaborating during an examination with any other person by giving or receiving information without specific permission of the professor;

5. Stealing, buying, or otherwise obtaining information about an unadministered examination;

6. Collaborating on laboratory work, take-home examinations, homework, or other assigned work when instructed to work independently;

7. Substituting for another person or permitting any other person to substitute for one's self to take an examination;

8. Submitting as one's own research, report, term paper, essay, computer program or other written work prepared totally or in part by another;

9. Submitting work that has been previously offered for credit in another course to another professor for credit;

10. Plagiarizing, the offering as one's own work the words, idea, or arguments of another person without appropriate attribution by quotation, reference, or footnote;

11. Sabotaging another student's work;

12. Falsifying or committing forgery on any University form or document;

13. Submitting altered or falsified data as experimental data from laboratory projects, survey research, or other field research;

14. Committing any willful act of dishonesty that interferes with the operation of the academic process;

15. Facilitating or aiding in any act of academic dishonesty.

SCHOOL OF EDUCATION GRADUATE PROGRAMS OF STUDY

Department of Curriculum and Instruction
University of Arkansas at Pine Bluff
1200 N. University, Mail Slot 4927
Pine Bluff, Arkansas 71611
Telephone: (870) 575-8240
Fax: (870) 575-8484

George Herts, Ed.D.
Chairperson
(870) 575-8072

Learning Resource Lab

GENG 5323 – Practicum: Development of Units in Rhetoric and Literature (3)
Practical experience in the application of current theory in the development and presentation of writing, rhetoric, and literature in the secondary school classroom. Prerequisite: Graduate standing or permission of the instructor.

GENG 5399/5699 - Seminar (3) GENG (6)
An in-depth investigation of a particular literary, rhetorical or pedagogical topic. Seminar topics may change each time the course is offered. Prerequisite: Graduate standing or permission of the instructor.

learning and integration scientific disciplines are introduced. Teachers may choose to adopt some of these exercises for use in their classrooms. Prerequisite: Graduate in-training or in-service science teacher status.

GCHM 5335 - Nuclear Chemistry
An overview of the broad field of nuclear and radiochemistry. Emphasis on application of the properties of radioactive nuclei to the solution of the chemical problems. Chemistry, physics, and biology majors may find this course applicable to their curriculum. Prerequisites: Calculus II 3320, University Physics II 3420, Quantitative Analysis 2430 and Physical Chemistry 4410.

GCHM 5340 - Advanced Organic Chemistry
Detailed study into the mechanisms of organic reactions and synthetic methods. Primarily for chemistry majors interested in attending post graduate school and/or pursuing additional careers in research. Prerequisites: 3410, 3420, and 4410.

GCHM 5350 - Chemical Separations
In depth coverage of chemical separations techniques. These separation (and identification) techniques have wide applicability for research and/or industrial chemists. This is an advanced course designed for chemistry majors interested in attending postgraduate schools. Prerequisites: 2430, and 4440.

GBIO 5310 - Integrated Principles of Biology
Designed to identify and describe selected major biological challenges faced by both plants and animals, and to provide students with an understanding of the diverse ways these challenges are met. The evolutionary and ecological significance of the similarities and differences between plant and animal strategies will be emphasized.

GBIO 5320 - Laboratory Experiences/High School Teachers
This is a laboratory course designed to help the student master the biological concepts, equipment, materials, and techniques that he/she will encounter while teaching high school biology. The course emphasizes methods of presentation of curriculum materials, laboratory/classroom safety, use of the microcomputer, and designing, developing, and evaluating laboratory, field, and instructional activities. Students receive significant experiences with live specimen, inquiry and applications of biology.

This course in mathematics is for students who plan to teach Calculus at the secondary level. The course consists of the following topics: Logic, Set Relations, Functions, Real Number Systems, Topological of the Real Number Systems, Differentiations, Integrations and Infinite Series with considerable emphasis on technological use. The prerequisites for this course are Calculus I, II and III.

GMTH 5360 - Mathematical Modeling
Topics may include basic statistical concepts, sampling, linear models and simulation, probability and probability distributions and stochastic processes. Course content will also include topics related to calculus that are of current interest to secondary school teachers. Design of computer algorithms using Fortran/Basic programming languages with primary emphasis on the development of numerical solutions to linear and non-linear systems. Laboratory activities involving a variety of approaches to mathematical models and calculus concepts will be an integral part of the course.

GMTH 5365 - Higher Order of Thinking in Mathematics
This course will provide mathematics teachers in grades five through college with examples of lessons incorporating methods appropriate for students with different learning styles. These lessons will emphasize the use of manipulatives, hands-on materials, cooperative learning techniques, mathematics software, and the use of graphing and scientific mathematical connections and concepts across grade levels using concrete experiences and bridging to abstract understanding.

GMTH 5370 - Transitions in Mathematics
This course is designed to cover a rigorous development of mathematical concepts and proofs. Coverage will include selected topics in the area of Modern Algebra, Set Theory, and Analysis.

GMTH 5380 - Modern Algebra and Discrete Structures
Structural components of groups, rings, fields and mappings are taught in this course. Historical notes will be contributed as an integral part of the course. Students are expected to develop rigorous mathematical proofs.

GSSC 5306 - Advanced General Sociology
Advanced survey of the discipline and profession of sociology.

GSSC 5307 - Historiography
This course is designed to teach methods of historical research. It also emphasizes bibliography, major writers, and historical schools of thought.

GSSC 5308 - Human Geography
Study of the earth as the home of man. Topics include analysis of settlement and land use patterns, man's physical and cultural environments, population and food distribution, urbanization of population, problems of resource use and environmental pollution.

GSSC 5309 – Topics in Global Studies
An intensive review and analysis of critical global problems and strategies for dealing with them.

University Historical Bell Tower

MASTERS OF SCIENCE IN AQUACULTURE/FISHERIES

School Of Agriculture, Fisheries, and Human Sciences
Department of Aquaculture and Fisheries
University of Arkansas at Pine Bluff
1200 N. University, Mail Slot 4912
Pine Bluff, Arkansas 71601
Telephone: (870) 575-8529
Website: www.uaex.edu/aqfi

Jacquelyn Mccray, Ph.D.
Dean

Carole Engle, Ph.D.
Chairperson
(870) 575-8523

Kwamena Quagrainie, Ph.D.
Graduate Coordinator
(870) 575-8105

Graduate Faculty

Michael Eggleton	**David Heikes**	**Peter Perschbacher**
Larry Dorman	**Rebecca Lochmann**	**Kwamena Quagrainie**
Carole Engle	**Steven Lochmann**	**Nathan Stone**
Andrew Goodwin	**Jacquelyn McCray**	**HughThomforde**
Bartholomew Green	**Wesley Neal**	

GRADUATE PROGRAMS IN AQUACULTURE/FISHERIES

The UAPB Aquaculture/Fisheries Center of Excellence is an academic, research and extension Center dedicated to the development and transfer of timely, problem-solving information. The center's primary mission is to respond to immediate and future needs of the state's aquaculture industry, and fisheries and aquatic resource managers through quality teaching, research and extension programs. Primary beneficiaries of Center activities are students, aquaculture producers, aquaculture support industries, farm pond owners, natural resources managers, sportsman, and other residents of Arkansas.

The Center is dedicated to (1) applied aquaculture/fisheries research; (2) dissemination of scientifically validated results through extension and advanced educational techniques that contribute to the economic development of the Delta region and the state; (3) the aquaculture industry of Arkansas; and (4) the responsible conservation of aquatic resources.

The Aquaculture/Fisheries Center of Excellence at the University of Arkansas at Pine Bluff (UAPB) is recognized as a leader in aquaculture/fisheries teaching, research, and extension programs. It is the only comprehensive aquaculture program within the University of Arkansas System to support the state's $168 million aquaculture industry. This industry has an economic impact of over $1.3 billion in the Delta region of Arkansas.

The Aquaculture/Fisheries Center of Excellence at the University of Arkansas at Pine Bluff (UAPB) was created in 1988 by the Strategic Planning Council of the University of Arkansas System as part of its plan for economic growth and development. The U.S. Department of Agriculture (USDA) selected UAPB for the USDA, Aquaculture Center of Excellence in 1993 and has co-located Agriculture Research Service (ARS) research personnel at UAPB. The ARS Aquaculture Systems Research Unit focuses on high priority areas of aquaculture systems management from the pond bank through post harvest handling and processing the aquatic food products.

The Department of Aquaculture and Fisheries is the administrative unit for the academic programs in aquaculture and fisheries at UAPB. The Department and the Center are administered conjointly and function together as an integrated comprehensive unit. The two principal academic programs offered in the Department of Aquaculture and Fisheries are the B.S. Degree in Fisheries Biology and M.S. Degree in Aquaculture/Fisheries.

FACILITIES

The research component of the Aquaculture/Fisheries Center is supported by a 113 earthen pond facility that also includes a 40-pool unit. The 5,400 sq. ft. hatchery houses holding, spawning, and experimental tanks along with a small recirculating culture system. Additional buildings provide storage areas for feed, chemicals, tools and seines. A research and demonstration building for value-added product development provides opportunities to measure dressout yield of fish in production studies and develop new value-added products from aquaculture. An equipment development building provides space for research and demonstration of new fish farming equipment. The S. J. Parker Agricultural Research Center building provides laboratory space that includes a 1,300 sq. ft. wet laboratory for aquarium studies, a water quality laboratory, and a 1,000 sq. ft. nutrition laboratory. The 4,000 sq. ft. fish shop, along with two new 1,000 sq. ft. laboratories in the new Applied Sciences Building support natural fisheries research programs. Boats, trailers, and electrofishing equipment for boats and backpack shocking a boat barn, a variety of gill, trap tyler, trammel, nets, and trawls are used for research. The 1890 Extension building houses the state-of-the-art fish health diagnostics laboratory that is fully equipped to conduct microbiological, viral, and histopathological analyses of fish. In 1992, UAPB acquired an 871-acre farm that includes 200 acres of fish ponds. This farm provides an opportunity for demonstration of new aquaculture and fisheries technologies on larger-scale ponds.

Aquaculture research conducted at UAPB focuses primarily on pond and hatchery production technologies, fish nutrition, water quality, fish health, and economics and marketing of aquaculture products. Much of the work is devoted to catfish and bait minnow production technologies. UAPB aquaculture researchers have developed new fish spawning and hatching technologies that dramatically improve hatch rates and survival, lower production costs, and reduces groundwater usage. The UAPB fish nutrition program has developed new feed

APPLICATION DEADLINES

The application deadline for admission to the Master of Science degree program for Fall Semester is June 20. The application deadline for admission to the program for Spring Semester is November 10.

ADMISSION REQUIREMENTS AND STUDENT CLASSIFICATION

No student will be admitted under any condition unless a faculty member agrees to serve as the student's advisor. During the application process, the applicant indicates a preferred area of specialization that is referred to the appropriate faculty member for review. This requirement ensures that adequate research facilities and funding will be available upon admission for the student's thesis work.

1. Regular Admission

To be admitted as a regular student applicants must have earned a baccalaureate degree in a natural science field from an accredited institution and have scored above 550 on the TOEFL (for international students). Applicants must have scored at least 900 on the GRE (Quantitative & Verbal) with a grade point average during the Junior and Senior years of 3.5 or better, or have scored at least 1000 on the GRE with a grade point average during the Junior and Senior years of 3.0 or better.

2. Provisional Admission

Applicants who meet the GRE and grade point average requirements but have a baccalaureate degree from an accredited institution in a non-natural science field may be accepted as a provisional student. Provisional students must make up deficiencies through undergraduate course work that will not count for credit toward a degree. The graduate coordinator, the student's advisor, and the department chair will determine the specific course work.

3. Conditional Admission

Students with a baccalaureate degree in a natural science field from an accredited institution who do not meet the GRE and/or grade point average requirements may be accepted as a conditional student. Conditional acceptance is granted only at the chair's discretion and is usually reserved for individuals with extensive work experience in the field. Conditional students must earn a GPA of 3.0 or better during their first semester to continue in the program.

GRADUATE RESEARCH ASSISTANTSHIPS

Research assistantships are awarded annually for a maximum of 2.5 years. Research assistantships are funded through research grants to individual faculty members and funding possibilities should be discussed with prospective advisors.

The stipend level for first-year graduate students is $15,200 per annum. The stipend level for second-year graduate students is $16,400 per annum. Students receiving stipends are expected to work 20 hours per week and to be enrolled as a full-time student. Students are responsible for all fees.

TRANSFER OF CREDIT
Subject to the approval of the student's advisor, the graduate coordinator, and the department chair, a student may be permitted to transfer a maximum of eight semester hours of credit toward the M.S. at UAPB for graduate courses with a "B" grade or above (Form #03). Additional graduate credits toward the M.S. degree may be earned only after the student has been formally admitted to the program. While in the M.S. program at UAPB, requests for course work to be taken at another institution for transfer must have the advance approval of the student's advisor, the graduate coordinator, and the department chair. Only course work with "B" or better grades earned at an accredited graduate school and acceptable toward a graduate degree at that institution will be considered for transfer. No course work taken by correspondence will be considered.

ENROLLMENT IN GRADUATE CLASSES
Undergraduate students and students who have not been admitted to the Aquaculture/Fisheries Master of Science degree program may enroll in graduate courses only with approval of the department chair and course instructor. Graduate courses may not be used simultaneously to fill both undergraduate and graduate course requirements.

GRADUATE STUDENT LOAD
A full-time graduate student load is six credit hours during a regular semester and three credit hour during the summer term. A full-time graduate student's load may not exceed 15 credit hours per regular semester, including any undergraduate courses. A full-time student's load may not exceed eight credit hours during the summer term. Students who are not enrolled full-time are not eligible for graduate assistantships.

AUDITING COURSES
Students registering for "Audit" must indicate during the registration period. The symbol to use for a course being audited is "AUD". Auditors pay the regular student fee (no academic credit is awarded). Students seeking to audit a graduate course must obtain permission from the course instructor.

ADVISORY COMMITTEE
A student's advisor must be a faculty member of the Department of Aquaculture and Fisheries. During a student's first semester an advisory committee must be assembled (Form #04). This is the responsibility of both the student and the advisor. Failure to complete this requirement will result in receiving an "F" in Graduate Seminar GAQF 5195-5196. The advisory committee should consist of three to five members including the advisor. Faculty from the Department of Aquaculture and Fisheries should compose a majority of the committee members and must have UAPB graduate faculty status. UAPB faculty from other departments must also have UAPB graduate status to serve on thesis committees. Students are encouraged to seek professionals from outside of the department to serve on their committee. These professionals are not required to have UAPB Graduate Faculty status. The graduate coordinator will maintain a list of possible external committee members. External committee members should submit a CV or resume and receive approval from the advisor, graduate coordinator, and the department chair before serving on an advisory committee. Switching advisors is allowed during the first two years of study with permission of the current advisor, the prospective advisor, the graduate coordinator, and the

department chair (Form #05). Changes in a committee member (Form #06) must be approved by the student's advisory committee, the graduate coordinator, and the department chair. All original forms must be filed with the graduate coordinator. Copies will be forwarded to the registrar's office by the graduate coordinator.

PROGRAM OF STUDY

A program of study must be finalized by the end of the first semester of graduate course work in a committee meeting (Form #7). This meeting should be arranged by the student and attended by the advisor, all committee members, and the graduate coordinator and/or the department chair. Conference call arrangements should be made for committee members unable to attend the meeting. The advisory committee, the graduate coordinator, and the department chair must sign programs of study. The program of study should include a minimum of 34 credit hours that include at least 6 credit hours of Thesis Research, 2 credit hours of Graduate Seminar, and 26 credit hours of core courses. A student's committee may require further course work. Failure to complete this requirement by the end of the first semester will result in receiving an "F" in Graduate Seminar GAQF 5195. Changes in the program of study (Form #8) must be approved by the student's advisory committee, the graduate coordinator, and the department chair. All original forms must be filed with the graduate coordinator. Copies will be forwarded to the registrar's office by the graduate coordinator.

COMMITTEE MEETINGS

Committee meetings are essential to a successful and positive graduate student experience. This format brings members of the students support team together to exchange ideas, work through research problems and changes, and monitor the student's academic and research progress. Students are required to have a program of study committee meeting their first semester.

Students are strongly encouraged to schedule additional committee meetings during their tenure in the department.

GRADES

The letters A, B, C, D, F, I, P, and W are used in grading, indicating the following qualities: A-Excellent, B-Good, C-Fair, and D-Failure, I-Incomplete, P-Pass, and W-Withdrawal. Except in the case of Thesis Research an incomplete grade not removed within one semester, unless extenuating circumstances are provided in writing to the department chair, will be recorded as "F". A summer session counts as a semester.

A student who drops an individual course will receive a grade of W in the course. The final date for dropping individual courses is listed in the course schedule booklet each semester. It is usually the end of the eighth week of classes. A student withdrawing from a course must have the written permission of the advisor and the department chair.

For the purpose of computing cumulative grade point averages, grade points are assigned as follows: A-4, B-3, C-2, D-1, F-0. A student's grade point average is computed by multiplying the number of hours of credit of each grade by the grade points assigned to that grade and dividing the sum of these products by the total number of hours in which the student was enrolled.

ACADEMIC PROGRESS, PROBATION AND DISMISSAL

A cumulative grade point average of 3.0 or better on a 4-point scale must be maintained during the student's academic career. If a student's GPA falls below a 3.0 they are placed on academic probation during the following semester. If at the end of their probationary semester, the student's GPA is still below a 3.0 they will be dismissed from the Master of Science degree program. The dismissal may be appealed to the advisory committee, graduate coordinator and the department chair.

DISPUTED GRADES

A student's grade should represent the instructor's good faith judgment of the student's performance in the course based on the informed use of appropriate measurement and evaluation instruments. If a student disagrees with a grade he/she has received, the following procedure should be followed until the problem is resolved. These steps must be followed in order and appropriate documentation of each step (including notation of the date, time, location, length, content and final outcome of the discussion) must be provided in order to proceed to the next step.

1. The student should discuss the disputed grade with the instructor of the course. This should normally take place during the instructor's posted office hours.

2. If the dispute is not resolved in step one, the student should request a meeting with the chairperson of the department offering the course. The instructor of the course will also attend this meeting.

THESIS PROPOSAL AND PROPOSAL DEFENSE

Students will prepare a thesis concerning original research during their tenure in the Master of Science degree program. A thesis proposal should be presented and defended in a seminar prior to the initiation of thesis research and must be completed and approved by all committee members within the first 200 days in the program. That implies that for a student entering the program in the spring, summer I, summer II, or fall semesters, the thesis proposal must be completed before July 31st, December 15th, January 31st, March 15th, respectively. Failure to complete the thesis proposal, (i.e., public presentation and defense of proposal, and submission of approved thesis proposal by all committee members) by the end of the second semester after entering the program will result in termination of the assistantship. Upon completion of the thesis proposal, proposal defense, and submission of the proposal with signatures of committee members the assistantship will be resumed. Lost income will not be returned and the student is not eligible for employment in the department during this time period. Exceptions to assistantship loss are only granted due to extreme circumstances and must be approved by the department chair. The proposal must include an Introduction, Literature Review, Methods, and Citations section. The style of the thesis proposal will follow the "manuscript preparation" guidelines for American Fisheries Society or World Aquaculture Society journals (see PREPARATION OF THE THESIS below). The advisory committee, the graduate coordinator, and the department chair must sign the thesis proposal. The original must be filed in the department office with the graduate coordinator.

COMPREHENSIVE EXAMINATIONS

Students must pass a comprehensive examination prior to defense of their thesis. The comprehensive examination will test a student's overall competence and ability to think critically and synthesize information. The examination will include written and oral components. The student's graduate committee will be responsible for constructing, administering, and grading the examination. The particular format of the exam is at the committee's discretion. Students should meet with each committee member to determine the exam format and content in order to prepare properly.

The comprehensive examination must be successfully completed no later than the semester prior to the semester a student wishes to graduate. Passing the comprehensive examination requires a unanimous committee vote. Students who do not successfully complete the comprehensive examination on their first attempt will be notified in writing by their advisor and may be required to conduct more course work or independent study prior to attempting the exam a second time. Students who fail the comprehensive examination twice will be dismissed from the program. Notification of successful completion of the comprehensive examination must be made known to the department and to the registrar by the committee (Form #9).

PETITION TO GRADUATE

Students should petition for graduation with the registrar at the beginning of the semester they intend to graduate. Students and their advisors should ensure that all the courses listed on programs of study have been taken and, if necessary, submit substitution forms if changes need to be made. During the final semester, students must take final examinations early (see schedule for graduating seniors) and instructors must submit final grades according to the same schedule. A minimum of 34 credit hours is required with at least 6 credits of Thesis and Research in a six (6) year time period. The student must have at least a 3.0 cumulative GPA to graduate.

RESIDENCE REQUIREMENTS

The candidate must complete a minimum of 28 hours in residence in order to receive the Master of Science degree from the University of Arkansas at Pine Bluff.

FOREIGN LANGUAGE

There is no formal requirement for a foreign language for the Master of Science Degree in Aquaculture/Fisheries. However, the department recognizes the international nature of aquaculture research and the increasing frequency with which international collaboration is occurring. For this reason we encourage students to become familiar with at least one foreign language.

PREPARATION OF THE THESIS

Format specifications are outlined in the "Department of Aquaculture and Fisheries Thesis Preparation Guidelines". The style and format for the thesis must follow the "manuscript preparation" guidelines for American Fisheries Society or World Aquaculture Society journals. If specific formats are not covered by the manuscript preparation instructions, student must follow the style and conventions espoused in the CBE Style Manuel (Council of Biological Editors, Chicago).