

Office of the Graduate School

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Administration

The mission of the Graduate School is to provide graduate students advanced academic study beyond the baccalaureate; provide graduate students opportunities to develop methods of independent and systematic investigation; and provide graduate students and faculty with an environment conducive to learning and scholarly activities. In fulfilling this mission, the Graduate School promotes, enhances, develops, and monitors graduate education at Mississippi State University, providing students with efficient and courteous assistance in admission, enrollment, academic progress and graduation. The OGS is guided by the academic policies recommended by the Graduate Council, the chief oversight body for all graduate programs, and approved by the Provost. For additional information about graduate education at Mississippi State University or the OGS, please visit <http://www.grad.msstate.edu/>.

Degrees

1. Master of Arts (M.A.)
 - a. The Graduate School offers two plans for the Master of Arts degree. The thesis option requires a minimum of 30 semester hours of graduate credits with at least 24 hours earned as course work and six hours earned as thesis/research credits. The non-thesis option requires a minimum of 30 semester hours of graduate-level course work.
 - b. The Master of Arts degree is offered by the: **College of Arts and Sciences** with majors in:
 - applied anthropology
 - English
 - foreign languages
 - history
 - political science
 - c. **College of Business** with a major in:
 - economics
2. Master of Science (M.S.)
 - a. The Graduate School offers two plans for the Master of Science degree. The thesis option requires a minimum of 30 semester hours of graduate credits with at least 24 hours earned as course work and six hours earned as thesis/research credits. The non-thesis option requires a minimum of 30 semester hours of graduate-level course work.
 - b. The Master of Science degree is offered by the **College of Agriculture and Life Sciences** in:
 - agricultural and extension education (concentrations in leadership; teaching)
 - agricultural life sciences (concentrations in animal physiology; biochemistry; entomology; genetics; plant pathology)
 - agriculture (concentrations in agricultural economics; agronomy; animal nutrition; animal science; engineering technology; horticulture; poultry science; weed science)
 - fashion design and merchandising (concentrations in merchandising; product development)
 - food science, nutrition and health promotion (concentrations in food science and technology; health promotion; nutrition)
 - human development and family studies
 - plant and soil sciences (concentrations in agronomy; horticulture; weed science)
 - c. **College of Arts and Sciences** in:
 - biological sciences
 - chemistry
 - general biology
 - geoscience (concentrations in applied meteorology, broadcast meteorology; environmental geosciences; geography; geology; geospatial sciences; professional meteorology/climatology; teachers in geosciences)
 - mathematics
 - physics
 - psychology
 - sociology
 - statistics
 - d. **College of Education** in:

- counselor education (concentrations in clinical mental health; college counseling; rehabilitation; school counseling; student affairs)
- educational leadership
- educational psychology (concentrations in general education psychology; psychometry)
- elementary education (concentrations in early childhood; general; middle level)
- kinesiology (concentrations in exercise physiology, sport administration; sport pedagogy)
- secondary education
- special education
- technology
- workforce educational leadership

e. **Bagley College of Engineering** in:

- aerospace engineering
- biological engineering
- biomedical engineering
- chemical engineering
- civil engineering
- computational engineering
- computer science
- cyber security and operations
- electrical and computer engineering
- industrial engineering (concentrations in human factors & ergonomics; industrial systems; management systems; manufacturing systems; operations research)
- mechanical engineering

f. **College of Forest Resources** in:

- forestry
- sustainable bioproducts
- wildlife, fisheries, and aquaculture

g. **College of Veterinary Medicine** in:

- veterinary medical science (concentrations in population medicine non-thesis; veterinary medical research; computational biology; infectious diseases; toxicology)

h. Two plans for the Master of Science degree are offered. The thesis option requires a minimum of 30 semester hours of graduate credits with at least 24 hours earned as course work and six hours earned as thesis/research credits. The non-thesis option requires a minimum of 30 semester hours of graduate-level course work.

3. Other Master's-Level Degrees

- Master of Agribusiness Management (M.A.B.M.) -- College of Agriculture and Life Sciences
- Master of Arts in Teaching (M.A.T.) -- College of Education
- Master of Arts in Teaching-Middle Grades (M.A.T.M.) -- College of Education
- Master of Arts in Teaching - Secondary (M.A.T.S.) -- College of Education
- Master of Arts in Teaching -- Special Education (M.A.T.X.) -- College of Education
- Master of Business Administration (M.B.A.) -- College of Business.
- Master of Business Administration in Project Management -- College of Business
- Master of Business Administration with a concentration in Accounting -- College of Business
- Master of Engineering (M. Eng.) -- Bagley College of Engineering
- Master of Landscape Architecture (M.L.A.) -- College of Agriculture and Life Sciences
- Master of Professional Accountancy (M.P.A.) -- School of Accountancy
- Master of Professional Accountancy (M.P.A.) with a concentration in Systems -- School of Accountancy
- Master of Public Policy and Administration (M.P.P.A.) -- College of Arts and Sciences
- Master of Science in Information Systems (M.S.I.S.) -- College of Business
- Master of Science in Instructional Technology (M.S.I.T.) (concentrations in instructional design, distance education, and multimedia) -- College of Education
- Master of Taxation (M.TX.) -- School of Accountancy

4. Educational Specialist (Ed.S.) The Education Specialist degree is offered by the **College of Education** with a major in Education and concentrations in:

- counselor education
- education-technology

- elementary education
- school administration
- school psychology
- secondary education
- special education

5. Doctor of Philosophy The Doctor of Philosophy degree is offered by the:

- **College of Agriculture and Life Sciences** in:
 - agricultural sciences (concentrations in agricultural and extension education; animal and dairy science; animal nutrition; engineering technology; poultry science)
 - food science, nutrition and health promotion (concentrations in food science and technology; nutrition)
 - human development and family studies
 - life sciences (concentrations in animal physiology; biochemistry; entomology; genetics; plant pathology)
 - molecular biology
 - plant and soil sciences (concentrations in agronomy; horticulture; weed science)
- **College of Arts and Sciences** in:
 - applied psychology (concentrations in clinical; applied cognitive science)
 - biological sciences
 - chemistry
 - earth and atmospheric sciences
 - history
 - mathematical sciences
 - physics
 - public policy and administration
 - sociology
- **College of Business:**
 - business administration (concentrations in accounting; finance; information systems; management; marketing)
 - graduate applied economics
- **College of Education** in:
 - college/post-secondary student counseling and personnel services
 - community college leadership
 - counselor education/student counseling and guidance services
 - curriculum and instruction (concentrations in early childhood, elementary, general, reading, secondary, special)
 - educational leadership (concentrations in higher educational leadership; p-12 school leadership)
 - educational psychology (concentrations in general educational psychology; school psychology)
 - instructional systems and workforce development
 - kinesiology (concentrations in exercise physiology and sports administration)
- **Bagley College of Engineering** in:
 - biomedical engineering
 - computational engineering
 - computer science
 - electrical and computer engineering
 - engineering (concentrations in aerospace; applied physics; biological; chemical; civil; mechanical)
 - industrial and systems engineering
- **College of Forest Resources** in:
 - forest resources (concentrations in forestry; sustainable bioproducts; wildlife, fisheries, and aquaculture)
- **College of Veterinary Medicine** in:
 - environmental toxicology
 - veterinary medical sciences (concentrations in computational biology, infectious diseases, population, toxicology, veterinary medical research)

Graduate Courses

Graduate courses are assigned numbers at the 6000-, 7000-, 8000-, and 9000-level.

Graduate Catalog

Published annually, the catalog contains detailed descriptions of the requirements for advanced degrees at Mississippi State University as well as academic policy and procedures administered by the Office of the Graduate School. The catalog is available online by visiting <http://catalog.msstate.edu/graduate>.