

GRADUATE DEGREES AND PROGRAMS

Mississippi State University offers the following graduate degrees, majors, and concentrations. Refer to the Graduate School requirements for admission and degree completion and to the specific departmental and/or program section for further information. "T" and "NT" indicate thesis and non-thesis where applicable.

Programs by Degree:

Master of Agribusiness Management

Agribusiness Management (NT)

Master of Arts

Applied Anthropology (T)

Economics (T; NT)

English (T; NT)

Foreign Language (T; NT)

History (T; NT)

Political Science (T; NT)

Master of Arts in Teaching

Community College Education (NT)

Master of Arts in Teaching-Secondary

Secondary Teacher Alternate Route (NT)

Master of Business Administration

Business Administration (NT)

Business Administration (NT) [Meridian only]

Concentration:

Accounting

Project Management (NT)

Master of Engineering

Engineering (NT)

Master of Landscape Architecture

Landscape Architecture (T)

Master of Professional Accountancy

Accounting (NT)

Accounting (NT)

Concentration:

Systems

Master of Public Policy and Administration

Public Policy and Administration (NT)

Master of Science

Aerospace Engineering (T; NT)

Agricultural and Extension Education (T; NT)

Agricultural Life Sciences

Concentrations:

Animal Physiology (T; NT)

Biochemistry (T; NT)

Entomology and Plant Pathology (T)

Genetics (T; NT)

Agriculture

Concentrations:

Agricultural Economics (T; NT)

Agronomy (T; NT)

Animal Nutrition (T)

Animal Science (T; NT)

Horticulture (T)
Poultry Science (T; NT)
Weed Science (T)
Architecture (T; NT)
Biological Engineering (T)
Biological Sciences (T)
Biomedical Engineering (T)
Chemical Engineering (T; NT)
Chemistry (T)
Civil Engineering (T; NT)
Computational Engineering (T; NT)
Computer Engineering (T; NT)
Computer Science (T; NT)
Counselor Education (T; NT)
Educational Psychology (T; NT)
Electrical Engineering (T; NT)
Elementary Education (NT)
Food Science, Nutrition, and Health Promotion
Concentrations:
Food Science and Technology (T)
Health Promotion (T; NT)
Nutrition (T)
Forest Products (T; NT)
Forestry (T; NT)
General Biology (NT)
Geoscience (T; NT)
Industrial Engineering (T; NT)
Mathematics (T; NT)
Mechanical Engineering (T; NT)
Physical Education (T; NT)
Physics (T; NT)
Psychology (T)
School Administration (NT)
Secondary Education (NT)
Sociology (T; NT)
Special Education (NT)
Statistics (T; NT)
Technology (NT)
Veterinary Medical Science (T; NT)
Wildlife and Fisheries Science (T)
Workforce Educational Leadership (NT)

Master of Science in Business Administration

Finance (T; NT)

Master of Science in Information Systems

Information Systems (NT)

Master of Science in Instructional Technology

Instructional Technology (NT)

Master of Taxation

Taxation (NT)

Educational Specialist

Education

Concentrations:

Community College (T; NT)
Counselor Education (T; NT)
Elementary Education (T; NT)
School Administration (T; NT)
School Psychology (T; NT)

Secondary Education (T; NT)
Special Education (T; NT)
Technology (T; NT)

Doctor of Education

Education

Concentrations:

Technology

Elementary Education

Secondary Education

Doctor of Philosophy

Agricultural Sciences

Concentrations:

Agricultural and Extension Education

Agronomy

Animal and Dairy Science

Animal Nutrition

Horticulture

Poultry Science

Wetland Science

Biological Sciences

Biomedical Engineering

Business Administration

Concentrations:

Accounting

Business Information Systems

Finance

Management

Marketing

Chemistry

Cognitive Science

College/Postsecondary Student Counseling and Personnel Services

Community College Leadership

Computational Engineering

Computer Engineering

Computer Science

Counselor Education/Student Counseling and Guidance Services

Curriculum and Instruction

Educational Psychology

Electrical Engineering

Elementary Education

Elementary, Middle and Secondary Education Administration

Engineering

Concentrations:

Aerospace Engineering

Applied Physics

Biological Engineering

Chemical Engineering

Civil Engineering

Industrial Engineering

Mechanical Engineering

Environmental Toxicology

Food Science, Nutrition, and Health Promotion

Concentrations:

Food Science and Technology

Nutrition

Forest Resources

Concentrations:

Forest Products

Forestry

Wildlife and Fisheries

Graduate Applied Economics
History
Instructional Systems and Workforce Development
Life Sciences
Concentrations:
Animal Physiology
Entomology and Plant Pathology
Genetics
Mathematical Sciences
Molecular Biology
Public Policy and Administration
Secondary Education
Sociology
Veterinary Medical Science

Programs by College/Department:

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

Department of Agricultural Economics

Master of Science

Major: Agriculture
Concentration: Agricultural Economics (T; NT)

Department of Animal and Dairy Sciences

Master of Science

Major: Agriculture
Concentration: Animal Science (T; NT)

Doctor of Philosophy

Major: Agricultural Sciences
Concentrations: Animal and Dairy Science
Animal Nutrition

Department of Biochemistry and Molecular Biology

Master of Science

Major: Agricultural Life Sciences
Concentration: Biochemistry (T; NT)

Doctor of Philosophy

Major: Molecular Biology

Department of Entomology and Plant Pathology

Master of Science

Major: Agricultural Life Sciences
Concentration: Entomology & Plant Pathology (T)

Doctor of Philosophy

Major: Life Sciences
Concentration: Entomology and Plant Pathology

Department of Food Science, Nutrition and Health Promotion

Master of Science

Major: Food Science, Nutrition and Health Promotion
Concentrations: Food Science & Technology (T)
Health Promotion (T; NT)
Nutrition (T)

Doctor of Philosophy

Major: Food Science, Nutrition and Health Promotion
Concentrations: Food Science and Technology
Nutrition

School of Human Sciences

Master of Science

Major: Agricultural & Extension Education (T; NT)

Doctor of Philosophy

Major: Agricultural Sciences

Concentration: Agriculture and Extension Education

Gerontology Graduate Certificate

Department of Landscape Architecture

Master of Landscape Architecture

Major: Landscape Architecture (T)

Department of Plant and Soil Sciences

Master of Science

Major: Agriculture

Concentration: Agronomy (T; NT)

Horticulture (T)

Weed Science (T)

Doctor of Philosophy

Major: Agricultural Sciences

Concentrations: Agronomy

Horticulture

Weed Science

Department of Poultry Science

Master of Science

Major: Agriculture

Concentration: Poultry Science (T; NT)

Doctor of Philosophy

Major: Agricultural Sciences

Concentration: Poultry Science

Interdisciplinary Curricula

These programs are based on course offerings from several departments and colleges, including but not limited to Animal and Dairy Sciences; Basic Science (College of Veterinary Medicine); Biochemistry and Molecular Biology; Biological Sciences; Entomology and Plant Pathology; Poultry Science; Wildlife and Fisheries (College of Forest Resources) and the College of Business.

Master of Agribusiness Management

Major: Agribusiness Management (NT)

Master of Science

Major: Agricultural Life Sciences

Concentrations: Animal Physiology (T; NT)

Genetics (T; NT)

Master of Science

Major: Agriculture

Concentration: Animal Nutrition (T)

Doctor of Philosophy

Major: Graduate Applied Economics

(Interdisciplinary curriculum offered in conjunction with Department of Finance and Economics in the College of Business)

Doctor of Philosophy

Major: Life Sciences

Concentrations: Animal Physiology
Genetics

COLLEGE OF ARCHITECTURE, ART, AND DESIGN

Master of Science

Major: Architecture (T; NT)

COLLEGE OF ARTS AND SCIENCES

Department of Anthropology and Middle Eastern Cultures

Master of Arts

Major: Applied Anthropology (T)

Department of Biological Sciences

Master of Science

Major: Biological Sciences (T)

Master of Science

Major: General Biology (NT)

Doctor of Philosophy

Major: Biological Sciences

Department of Chemistry

Master of Science

Major: Chemistry (T)

Doctor of Philosophy

Major: Chemistry

Department of English

Master of Arts

Major: English (T; NT)

Department of Foreign Languages

Master of Arts

Major: Foreign Language (T; NT)

Department of Geosciences

Master of Science

Major: Geoscience (T; NT)

Doctor of Philosophy

Major: Earth and Atmospheric Science

Department of History

Master of Arts

Major: History (T; NT)

Doctor of Philosophy

Major: History

Diversity Graduate Certificate

Department of Mathematics and Statistics

Master of Science

Major: Mathematics (T; NT)

Master of Science

Major: Statistics (T; NT)

Doctor of Philosophy

Major: Mathematical Sciences

Department of Physics and Astronomy

Master of Science

Major: Physics (T; NT)

**Department of Political Science and
Public Administration**

Master of Arts

Major: Political Science (T; NT)

Master of Public Policy and Administration

Major: Public Policy and Administration (NT)

Doctor of Philosophy

Major: Public Policy and Administration

Department of Psychology

Master of Science

Major: Psychology (T)

Doctor of Philosophy

Major: Cognitive Science

Department of Sociology

Master of Science

Major: Sociology (T; NT)

Doctor of Philosophy

Major: Sociology

Gender Studies Graduate Certificate

COLLEGE OF BUSINESS

Adkerson School of Accountancy

Master of Professional Accountancy

Major: Accounting (NT)

Master of Professional Accountancy

Major: Accounting (NT)

Concentration: Systems

Master of Taxation

Major: Taxation (NT)

Department of Finance and Economics

Master of Arts

Major: Economics (T; NT)

Master of Science in Business Administration

Major: Finance (T; NT)

Doctor of Philosophy

Major: Graduate Applied Economics

(Interdisciplinary curriculum offered in conjunction with Department of Agricultural Economics in the College of Agriculture and Life Sciences)

Management and Information Systems

Master of Science in Information Systems

Major: Information Systems (NT)

Business Administration

Master of Business Administration

Major: Business Administration (NT)

Master of Business Administration (Meridian only)

Major: Business Administration (NT)

Concentration: Accounting

Master of Business Administration

Major: Project Management (NT)

Doctor of Philosophy

Major: Business Administration

Concentrations: Accounting

Business Information Systems

Finance

Management
Marketing

COLLEGE OF EDUCATION

Department of Counseling and Educational Psychology

Master of Science

Major: Counselor Education (T; NT)

Master of Science

Major: Educational Psychology (T; NT)

Educational Specialist

Major: Education

Concentrations: Counselor Education (T; NT) School Psychology (T; NT)

Doctor of Philosophy

Major: College/Postsecondary Student Counseling and Personnel Services

Doctor of Philosophy

Major: Counselor Education/Student Counseling and Guidance Services

Doctor of Philosophy

Major: Educational Psychology

Department of Curriculum, Instruction, and Special Education

Master of Arts in Teaching-Secondary

Major: Secondary Teacher Alternate Route (NT)

Master of Science

Major: Elementary Education (NT)

Master of Science

Major: Secondary Education (NT)

Master of Science

Major: Special Education (NT)

Educational Specialist

Major: Education

Concentrations: Elementary Education (T; NT)
Secondary Education (T; NT)
Special Education (T; NT)

Doctor of Education

Major: Education

Concentrations: Elementary Education
Secondary Education

Doctor of Philosophy

Major: Curriculum and Instruction

Doctor of Philosophy

Major: Elementary Education

Doctor of Philosophy

Major: Secondary Education

Department of Instructional Systems and Workforce Development

Master of Science

Major: Technology (NT)

Master of Science in Instructional Technology

Major: Instructional Technology (NT)

Educational Specialist

Major: Education

Concentration: Technology (T; NT)

Doctor of Education

Major: Education

Concentration: Technology

Doctor of Philosophy

Major: Instructional Systems and Workforce Development

Department of Kinesiology

Master of Science

Major: Physical Education (T; NT)

Department of Leadership and Foundations

Master of Arts in Teaching

Major: Community College Education (NT)

Master of Science

Major: School Administration (NT)

Master of Science (offered in conjunction with Alcorn State University)

Major: Workforce Educational Leadership (NT)

Educational Specialist

Major: Education

Concentration: School Administration (T; NT)

Doctor of Philosophy

Major: Community College Leadership

Doctor of Philosophy

Major: Elementary, Middle and Secondary Education Administration

JAMES WORTH BAGLEY COLLEGE OF ENGINEERING

Department of Aerospace Engineering

Master of Science

Major: Aerospace Engineering (T; NT)

Doctor of Philosophy

Major: Engineering

Concentration: Aerospace Engineering

Department of Agricultural and Biological Engineering

Master of Science

Major: Biological Engineering (T)

Master of Science

Major: Biomedical Engineering (T)

Doctor of Philosophy

Major: Engineering

Concentration: Biological Engineering

Doctor of Philosophy

Major: Biomedical Engineering

Department of Chemical Engineering

Master of Science

Major: Chemical Engineering (T; NT)

Doctor of Philosophy

Major: Engineering

Concentration: Chemical Engineering

Department of Civil and Environmental Engineering

Master of Science

Major: Civil Engineering (T; NT)

Doctor of Philosophy

Major: Engineering

Concentration: Civil Engineering

Department of Computer Science and Engineering

Master of Science

Major: Computer Science (T; NT)

Doctor of Philosophy

Major: Computer Science

Department of Electrical and

Computer Engineering

Master of Science

Major: Computer Engineering (T; NT)

Master of Science

Major: Electrical Engineering (T; NT)

Doctor of Philosophy

Major: Computer Engineering

Doctor of Philosophy

Major: Electrical Engineering

Department of Industrial and Systems Engineering

Master of Science

Major: Industrial Engineering (T; NT)

Doctor of Philosophy

Major: Engineering

Concentration: Industrial Engineering

Department of Mechanical Engineering

Master of Science

Major: Mechanical Engineering (T; NT)

Doctor of Philosophy

Major: Engineering

Concentration: Mechanical Engineering

Interdisciplinary Curricula

Interdisciplinary programs are based on course offerings from departments within the College of Engineering.

Master of Engineering [off-campus students only]

Major: Engineering (NT)

Master of Science

Major: Computational Engineering (NT)

Doctor of Philosophy

Major: Computational Engineering

Doctor of Philosophy

Major: Engineering

Concentration: Applied Physics

Graduate Certificate Programs

Automotive Engineering

Computational Biology

Geospatial and Remote Sensing

Geospatial and Remote Sensing Technologies

Information Assurance Professional Certificate

Manufacturing

Materials Engineering

Six Sigma

Software Engineering

COLLEGE OF FOREST RESOURCES

Department of Forest Products

Master of Science

Major: Forest Products (T; NT)

Doctor of Philosophy

Major: Forest Resources

Concentration: Forest Products

Department of Forestry

Master of Science

Major: Forestry (T; NT)

Doctor of Philosophy

Major: Forest Resources
Concentration: Forestry

Department of Wildlife and Fisheries

Master of Science

Major: Wildlife, and Fisheries Science (T)

Doctor of Philosophy

Major: Forest Resources
Concentration: Wildlife and Fisheries