

# College of Agriculture and Life Sciences

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## Degree and Certificate Programs

| Department   | Degree and Major                               | Concentration            | Thesis | Non-Thesis | Starkville | Meridian | Distance |
|--|--|--------------------------|--------|------------|------------|----------|----------|
| Agricultural and Biological Engineering                          | Precision Agriculture Certificate              |                          |        |            | X          |          |          |
| Agricultural Economics   | Master of Science - Agriculture                | Agricultural Economics   | X      | X          | X          |          |          |
| Animal and Dairy Sciences  | Master of Science - Agriculture                | Animal Science           | X      | X          | X          |          |          |
| Animal and Dairy Sciences  | Doctor of Philosophy - Agricultural Sciences   | Animal and Dairy Science | X      |            | X          |          |          |
| Biochemistry, Molecular Biology, Entomology, and Plant Pathology | Master of Science - Agricultural Life Sciences | Biochemistry             | X      | X          | X          |          |          |
| Biochemistry, Molecular Biology, Entomology, and Plant Pathology | Master of Science - Agricultural Life Sciences | Entomology               | X      |            | X          |          |          |
| Biochemistry, Molecular Biology, Entomology, and Plant Pathology | Master of Science - Agricultural Life Sciences | Plant Pathology          | X      |            | X          |          |          |
| Biochemistry, Molecular Biology, Entomology, and Plant Pathology | Doctor of Philosophy - Molecular Biology       |                          | X      |            | X          |          |          |
| Biochemistry, Molecular Biology, Entomology, and Plant Pathology | Doctor of Philosophy - Life Sciences           | Biochemistry             | X      |            | X          |          |          |
| Biochemistry, Molecular Biology, Entomology, and Plant Pathology | Doctor of Philosophy - Life Sciences           | Entomology               | X      |            | X          |          |          |
| Biochemistry, Molecular Biology, Entomology, and Plant Pathology | Doctor of Philosophy - Life Sciences           | Plant Pathology          | X      |            | X          |          |          |

|  |   |                                      |   |   |  |   |
|--|---|--------------------------------------|---|---|--|---|
| Food Science, Nutrition and Health Promotion | Master of Science - Food Science, Nutrition and Health Promotion    | Food Science and Technology          |   |   |  | X |
| Food Science, Nutrition and Health Promotion | Master of Science - Food Science, Nutrition and Health Promotion    | Health Promotion                     | X | X |  | X |
| Food Science, Nutrition and Health Promotion | Master of Science - Food Science, Nutrition and Health Promotion    | Nutrition                            | X |   |  | X |
| Food Science, Nutrition and Health Promotion | Doctor of Philosophy - Food Science, Nutrition and Health Promotion | Food Science and Technology          |   |   |  | X |
| Food Science, Nutrition and Health Promotion | Doctor of Philosophy - Food Science, Nutrition and Health Promotion | Nutrition                            | X |   |  | X |
| Human Sciences, School of                    | Master of Science - Agricultural and Extension Education            | Leadership                           | X | X |  | X |
| Human Sciences, School of                    | Master of Science - Agricultural and Extension Education            | Teaching                             | X | X |  | X |
| Human Sciences, School of                    | Master of Science - Human Development and Family Studies            |                                      | X | X |  | X |
| Human Sciences, School of                    | Doctor of Philosophy - Agricultural Sciences                        | Agricultural and Extension Education | X |   |  | X |
| Human Sciences, School of                    | Doctor of Philosophy - Human Development and Family Studies         |                                      | X |   |  | X |
| Human Sciences, School of                    | Gerontology Certificate   |                                      |   |   |  |   |
| Landscape Architecture                       | Master of Landscape Architecture - Landscape Architecture           |                                      | X | X |  | X |
| Plant and Soil Sciences                      | Precision Agriculture Certificate                                   |                                      |   |   |  | X |
| Plant and Soil Sciences                      | Master of Science - Plant & Soil Sciences                           | Agronomy                             | X | X |  | X |
| Plant and Soil Sciences                      | Master of Science - Plant & Soil Sciences                           | Horticulture                         | X |   |  | X |

|                           |   |                        |   |   |   |
|---------------------------|---|------------------------|---|---|---|
| Plant and Soil Sciences   | Master of Science - Plant & Soil Sciences                   | Weed Science           | X |   | X |
| Plant and Soil Sciences   | Doctor of Philosophy - Plant & Soil Sciences                | Agronomy               | X |   | X |
| Plant and Soil Sciences   | Doctor of Philosophy - Plant & Soil Sciences                | Horticulture           | X |   | X |
| Plant and Soil Sciences   | Doctor of Philosophy - Plant & Soil Sciences                | Weed Science           | X |   | X |
| Poultry Science           | Master of Science - Agriculture                             | Poultry Science        | X | X | X |
| Poultry Science           | Doctor of Philosophy - Agricultural Sciences                | Poultry Science        | X |   | X |
| Interdisciplinary Program | Master of Agribusiness Management - Agribusiness Management |                        |   | X | X |
| Interdisciplinary Program | Master of Science - Agricultural Life Sciences              | Animal Physiology      | X | X | X |
| Interdisciplinary Program | Master of Science - Agricultural Life Sciences              | Genetics               | X | X | X |
| Interdisciplinary Program | Master of Science - Agriculture                             | Animal Nutrition       | X |   | X |
| Interdisciplinary Program | Master of Science - Agriculture                             | Engineering Technology | X | X | X |
| Interdisciplinary Program | Doctor of Philosophy - Agricultural Sciences                | Animal Nutrition       | X |   | X |
| Interdisciplinary Program | Doctor of Philosophy - Agricultural Sciences                | Engineering Technology | X |   | X |
| Interdisciplinary Program | Doctor of Philosophy - Life Sciences                        | Animal Physiology      | X |   | X |
| Interdisciplinary Program | Doctor of Philosophy - Life Sciences                        | Genetics               | X |   | X |

## Interdisciplinary Curricula

These programs are based on course offerings from several departments and colleges, including but not limited to:

- Agricultural and Biological Engineering;
- Agricultural Economics;
- Animal and Dairy Sciences;
- Basic Science (College of Veterinary Medicine);
- Biochemistry;
- Molecular Biology;

- Biological Sciences (College of Arts and Sciences);
- Entomology and Plant Pathology;
- Poultry Science;
- Wildlife, Fisheries and Aquaculture (College of Forest Resources);
- College of Business.

**The College of Agriculture and Life Sciences** provides premier programs in agriculture, life sciences, and human ecology. Graduate students work with issues such as global food supply and safety, biotechnology, and improved standards of living and education in rural communities. New graduate programs are available in Human Development and Family Studies. Graduate education is also available in Landscape Architecture (one of a few programs in the nation). A master's degree with a concentration in health promotion is available through distance learning and is designed for professionals interested in enhancing their skills in designing, implementation, and evaluation of disease prevention and health promotions.