

---

## Education

**Professor:**

Marlys T. Vaughn, Ph.D.

**Associate Professor:**

Connie Schimmel, Ph.D., Chair

**Assistant Professor:**

Eugene Vinson, Ed.D.

### The Teacher Education Program

The Teacher Education Program's interdepartmental course of study for undergraduates is composed of a unique mix of course work in the student's major combined with fieldwork, seminars, and clinical practice experiences. The program, NCATE accredited and approved by the Mississippi Department of Education, allows students who complete licensure requirements to teach within or outside the State of Mississippi. Elementary and Secondary licensure are available. Elementary licensure requires a major in Elementary Education. Secondary licensure requires a major in the candidate's content area and the unit's three generic core courses. Secondary licensure is available in art education, biology, business education, chemistry, general science, English language and literature, drama (performing arts), social studies, mathematics, music education instrumental, music education vocal, physics, psychology, sciences, technology education, theatre, and world languages including French, Latin, Spanish, and German.

128 |

A minor in education is available as are numerous supplemental Licensures including mild/moderate disability and gifted.

The licensure that candidates earn upon program completion is granted by the State of Mississippi for teaching in the public schools. The certificate is valid in most states through reciprocity agreements. Independent and private schools, as a rule, do not require certification through the Mississippi State Department of Education (MDE) for teaching positions. Students may take one or several courses – Human Development, a Cross Cultural Perspective; Classroom Methods and Management; Education of the Exceptional Population, Field Research in Reading or Performance Assessment in Content Area Reading – as preparation for teaching in independent or private schools and to meet the requirements for a minor in education. Independent school administrators have become increasingly interested in teacher candidates who are fully prepared and certified within a liberal arts curriculum.

In accordance with Title II federal regulations, all students seeking licensure must take and pass the national exam as required by MDE in their subject areas prior to student teaching.

### Teaching Area Requirements

Elementary licensure (K-8) requires a major in elementary education. Secondary licensure requires a major in the candidate's content area and the unit's three generic core courses. Secondary licensure is available in art education, biology, business education, chemistry, general science, English language and literature, drama (performing arts), social studies, mathematics, music education instrumental, music education vocal, physics, psychology, sciences, technology education, theatre, and world languages including French, Latin, Spanish, and German. Students who receive secondary licensure take three basic education courses (listed within

the Education Department), complete the clinical practice semester, and meet the requirements for their specific academic majors. Successful completion of the secondary licensure program constitutes a minor in education. In addition, candidates may teach in other areas and obtain more than one supplemental licensure by become “highly qualified” in other discipline specific areas. With careful course planning, licensure in several teaching areas is possible. These teaching areas require 21 credit hours in a content area or passage of the Praxis II Area Specialty Exam specific to the discipline. Many Millsaps licensure candidates fulfill these licenses by matriculation through the college core curriculum and by meeting requirements for minors.

## Secondary Licensure

Program participants seeking secondary licensure must take the three core generic social science courses that under gird and provide unified scaffolding for the instructional teaching and learning process as well as the clinical practice semester. These courses plus the clinical practice semester constitute a minor in education. Students who do not complete the clinical practice semester may also receive a minor in education by taking four basic education courses. A list of approved courses is available in the education department. Traditional teacher licensure requires the clinical practice semester. This is the equivalent of 16 hours, but can be reduced to 12 hours of credit if a student needs another course to graduate during that semester. The professional education generic course sequence required for secondary licensure and a minor includes the following:

- IDST 1610 Human Development, a Cross-Cultural Perspective
- EDUC 3130 Education of the Exceptional Population
- EDUC 3110 Performance Assessment in Reading; or Discipline Specific Course (such as Ford Fellows, Honors, etc. with justification and approval by Education Department Chair) – Required for a minor only if students are NOT taking EDUC 4500
- EDUC 3200 Methods & Management
- EDUC 3850 Field Research in Reading,
- EDUC 4500 Clinical Practice semester

## Elementary Licensure

Program participants seeking elementary licensure must major in elementary education. Standard elementary licensure offers K – 8 licensure, allowing students to teach in public as well as private/independent schools. Elementary licensure also provides reciprocity with most states for the Millsaps College education program is NCATE accredited. Students are encouraged to double major and/or seek at least two teaching areas of concentration of 21 hours each, one of which must be reading. A major in elementary education requires 44 to 52 hours (9 to 10 courses) of professional education courses. These include the professional education generic course sequence and the additional courses which follow:

- 1610 Human Development, a Cross Cultural Perspective
- 3100 Early Literacy Instruction I
- 3110 Performance Assessment in Content Area Reading
- 3120 Early Literacy Instruction II
- 3130 Education of the Exceptional Population
- 3200 Methods & Management
- 3840 Reading Diagnosis and Remediation (optional)
- 3850 Field Research in Reading
- 4300 Educational Theory (or embedded in appropriate class in major)

- 4500 Student Teaching semester (16 hours, but can be reduced to 12 if a student needs another course during the student teaching semester)

## Areas of Licensure & Supplementary Licensure

- Licensure Areas (secondary education)
- Supplemental Licensure
- art education mildly-moderately handicapped (K-8)
- biology mildly-moderately handicapped (7-12)
- business education gifted-talented
- chemistry
- computer applications
- general science
- remedial reading
- English language and literature
- content areas of concentration (minimum of 21 semester hours)
- drama (performing arts)
- social studies
- mathematics
- music education instrumental
- music education vocal
- physics
- psychology
- sciences
- technology education
- theatre
- world languages (including French, Latin, Spanish, and German)

130 |

## Comparison of Elementary Major, Education Minor, and Secondary Licensure Options

	<b>Elementary Major</b>	<b>Education Minor</b>	<b>Secondary Licensure</b>
<b>Required Courses:</b>	9 required courses + clinical practice	4 required courses	3 required courses + clinical practice

**Can double major:** Must major or double major in an academic discipline; Must major or double major in an academic discipline

**With this degree, you can:** Teach in an elementary school, K through 8; Possibility of teaching at some private or independent schools; Teach in a secondary school in the licensed subject area, 7 through 12

## Degree Requirements

A total of 32 courses is required for the bachelor of arts, bachelor of science, and bachelor of business administration degrees. Of this total, at least 30 courses or 120 semester hours must be letter-graded academic credit. For transfer purposes, one course unit is the equivalent of four semester hours credit. All Millsaps students must complete the following core courses specifically designed to develop the general abilities of a liberally educated person:

**Core 1:** Introduction to Liberal Studies.....4 semester hours

<b>Core 2:</b> Multi-disciplinary Topics in the Ancient World.....	4 semester hours
<b>Core 3:</b> Multi-disciplinary Topics in the Pre-modern World.....	4 semester hours
<b>Core 4:</b> Multi-disciplinary Topics in the Modern World.....	4 semester hours
<b>Core 5:</b> Multi-disciplinary Topics in the Contemporary World.....	4 semester hours
<b>Core 6:</b> Topics in Social and Behavioral Science.....	4 semester hours
<b>Core 7:</b> Topics in Natural Science with Laboratory.....	4 semester hours
<b>Core 8:</b> Topics in Mathematics.....	4 semester hours
<b>Core 9:</b> Topics in Mathematics, Natural Science, or Computer Science.....	4 semester hours

Courses that satisfy core requirements are selected from an approved list published each semester with the class schedule. It is the student's responsibility to be sure that courses completed satisfy college core requirements.

All incoming students are required to complete Introduction to Liberal Studies in the first year. All other core courses should be completed by the end of the sophomore year. Transfer students and adult degree program students who cannot meet this schedule should complete their core requirements as early in their college careers as possible. Failure to complete core requirements may result in disqualification from enrollment in the student teaching Semester.

Please refer to the Millsaps College Catalog for additional degree requirements for the B.S., B.A., and B.B.A. degrees.

### **Admission to the Program**

Students are encouraged to formally apply to the program during the freshman, sophomore, or junior year. Admission is based on academic standing and expressed interest in teaching. Applicants must be able to schedule departmental and program requirements with a reasonable degree of flexibility. Official notification is sent to the student when it has been determined that the student has completed a minimum of 44 semester hours of core curriculum coursework required by the Mississippi Department of Education, achieving a grade point average of 2.5. In addition the student must have an ACT score of 21 with no score lower than 18 on any subcategory or a minimum SAT score of 860, or attain a minimum score on the Praxis I (Reading, Writing, and Math) test provided by the state.

Professors in the department of education as well as the licensure candidate's academic advisors are available for consultation and guidance about particular programs of study. It is the licensure candidate's responsibility to make certain that all academic requirements are met for a degree, licensure, and graduation. Program requirements for each licensure area are on file in the education department. Successful completion of academic requirements depends heavily on student initiative, strategic planning, and record keeping. Appropriate questions and documentation are essential for successful program completion. Permanent records are kept in the office of records. Programs for licensure are kept in the education department.

### **Exit Requirements**

To receive the College's recommendation for teacher licensure the licensure candidate must meet the following exit requirements:

1. Pass the Praxis II and Specialty Area tests of the National Teacher Examination no later than the semester prior to graduation.
2. Complete the clinical practice with a grade no lower than a C.
3. Pass all parts of the comprehensive examination process.
4. Send copies of Praxis and Specialty scores directly to Millsaps College and to

themselves.

5. Complete the exit report for the permanent file.

## **Preparation for Independent School Teaching**

Students who are not enrolled in the program for teacher preparation may enroll in IDST 1610, EDUC 3200, EDUC 3850 or EDUC 3110, or EDUC 3130 as preparation for teaching in independent schools after graduation. The requirements for these courses are the same for these students as for students in the licensure program. Completion of these four courses meets the requirements for a minor in education. Students considering this option should meet with a program staff member early in the spring semester of the sophomore or junior year.

## **Student Teaching & Coursework Abroad**

Program participants may elect to teach abroad during their student teaching semester, or take other courses towards their majors or areas of concentration abroad. A variety of options are available including Department of Defense schools. If a student is interested in this possibility, the student needs to contact the education department faculty as early as possible so that the application procedure, which is coordinated through the career center, can begin

## **Placement**

The teacher preparation program provides placement services to Millsaps students and alumni seeking teaching positions in elementary and secondary schools, both public and private.

## **Lilly Service Intern & Lilly Fellow Programs**

Students may opt to become lilly service interns or lilly fellows, programs designed to encourage exploration into the relationship between work, meaning, and service to others. Both interns and fellows must take the course, The Meaning of Work, cross-listed in religion and philosophy. Lilly service interns also take 1 service-learning course -- Field Research in Reading, Methods & Management, or Performance Assessment, Literacy, or Reading -- or complete 1 Lilly Internship. The clinical practice semester can meet this requirement. Lilly fellows complete The Meaning of Work, an applied ethics course, and 2 semesters of lilly internship. Fellows receive \$1000.00 stipend for their internship work. Both the service interns and the fellows programs, when successfully completed, appear on students' permanent transcript. For more information, visit [www.millsaps.edu/faithwrk](http://www.millsaps.edu/faithwrk), or email [faithwork@millsaps.edu](mailto:faithwork@millsaps.edu).

## **Principals' Institute**

The Millsaps College principals' institute provides personal and professional growth opportunities for principals and assistant principals of public, private, and parochial schools. The institute is an effort to form partnerships between Millsaps College and the K-12 education community to strengthen education in Mississippi. The institute awards professional development credits to administrators who participate in its programs.

## **Courses**

*Check with the department of education for changes in course offerings and requirements*

**IDS 1610 Human Development in Cross-Cultural Perspective (4 sem. hours).** Students explore and apply theories surrounding the physical, social, emotional, and cognitive aspects of human development. The course demands an immediate and personal

perspective for college students as they construct underlying frameworks for understanding human development.

- 2100 Deaf Culture/American Sign Language (4 sem. hours).** A study of the Deaf community and beginning American Sign Language (ASL) skills. The course introduces students to various sign methods, the linguistic structure of ASL, the experience of deaf people throughout history, and the impact and importance of ASL and Deaf culture.
- 3100 Early Literacy Instruction I (4 sem. hours).** Concepts, materials, and teaching strategies for oral language development and systematic early reading and writing instruction specific to concepts about print, phonemic awareness, and phonics.
- 3110 Performance Assessment in Content Area Reading (4 sem. hours).** A study of the concepts and statistical methods used in the assessment of content area reading, including the construction and use of classroom assessment instruments, standardized tests of intelligence and achievement, and the use of statistics in the assessment of student learning and data analysis for informed decision making.
- 3120 Early Literacy Instruction II (4 sem. hours).** Concepts, materials, and teaching strategies for oral language development and systematic early reading and writing instruction specific to vocabulary, fluency, and comprehension.
- 3130 Education of the Exceptional Population (4 sem. hours).** A study of exceptional individuals with special attention to the instructional needs of the child and adolescent. The course emphasizes the identification and remediation processes, differential diagnosis, IEPs, and etiologies.
- 3200 Classroom Methods and Management (K-12) (4 sem. hours).** A field-based study of effective instructional and behavioral management techniques appropriate for elementary, middle school, and high school students with special attention to student learning styles and teacher instructional styles, student self-discipline, and the relationship between school and society. Mastery of the Student Teacher Assessment Instrument (STAI) is a component of the course.
- 3830 Ways of Reading (4 sem. hours).** Students put social sciences theory into practice, reading texts and contexts across cultures through qualitative research methods. In an international context, students reflect critically on their literacy and personal educational history while experiencing social interaction in multiple educational and cultural settings. Ethnographic field work will involve exploration of multiple literacies and perspectives through cultural observation, field notes, reflective journaling and writing ethnography.
- 3840 Reading Diagnosis and Remediation (4 sem. hours).** The ideology of reading problems, the assessment of reading skills, interpretation of assessment data, various instructional interventions, and implications for future student assessment and instruction are investigated. Diagnostic thinking and action research are reviewed and inform decisions regarding assessment, instruction, and recommendations for remediation.
- 3850 Field Research in Reading (4 sem. hours).** A model for field-based classroom research and remediation that fosters the development of teacher candidates as scholars, leaders, and researchers. The course involves a criterion reference approach to

teaching, utilizing pre-and post-testing procedures with the monitoring of student progress.

**3860 Advanced Internship in Special Education I.** Offers students the opportunity to further explore areas of interest within the field of Special Education. Interns experiment with special emphasis on the chosen exceptionalities for supplemental licensure. Disciplinary focus and field site placements are individualized.

**3870 Advanced Internship in Special Education II.**

**3880 Advanced Internship in Special Education III.** Advanced Internships II and III offer students the opportunity to further explore areas of interest within the field of Special Education. Interns experiment with special emphasis on the chosen exceptionalities for supplemental licensure. Disciplinary focus and field site placements are individualized.

**4300 Educational Theory, Policy and Practice (4 sem. hours).** The study of educational theory and the philosophies which underlie the development of curricula, instructional programs, and educational policy. Special attention is given to the relationship between educational theory, policy development, and modern educational practice.

**4500 Clinical Practice (16 or 12 sem. hours).** Intensive field experience involving student teaching all day for a minimum of 12 weeks at an elementary, middle, or high school in the Metropolitan Tri-County area.

**4750 Special Topics (1 - 4 sem. hours).** In-depth study of specific aspects of education, including Educational Technology.

---

## Geology

**Associate Professors:**

Delbert E. Gann, Ph.D.

James B. Harris, Ph.D., Chair

**Assistant Professor:**

Stanley J. Galicki, Ph.D.

**Requirements for major:** Students may complete a major in geology by following one of three tracks and completing the required courses with a grade of C or better:

**A. Classical geology track:** The Physical Earth, Plate Tectonics and Earth History, Physical and Chemical Mineralogy, Sedimentary Geology, Paleontology, Igneous and Metamorphic Petrology, Structural Geology, Solid Earth Geophysics, and one additional geology course (2000-level or above) approved by the department chair. Geology majors following the classical geology track must also take Analytic Geometry and Calculus I, General Chemistry I and II, and General Physics I and II.

**B. Environmental geology track:** The Physical Earth, Environmental Issues of the 21st Century, Plate Tectonics and Earth History, Physical and Chemical Mineralogy, Sedimentary Geology, Hydrology and Chemistry of Natural Waters, Structural Geology, Environmental and