

OFFICE OF CHIEF ACCOUNTABILITY OFFICER
Summary of State Board of Education Items
Consent Agenda
June 19, 2025

DIVISION OF EDUCATOR PREPARATION

- Z. Approval of The University of Southern Mississippi's request to establish a traditional teacher education preparation licensure-track Bachelor of Science in Secondary Education (BSSE) (7-12) program leading to a license with the major emphasis area in Biology 7-12 (181), Chemistry 7-12 (185), English 7-12 (119), Mathematics 7-12 (154), Physics 7-12 (189), or Social Studies 7-12 (192) and additional content to include a full year of teaching residency

Background Information: In accordance with Miss. Code Ann. § 37-3-2 there is established within the MDE the Commission on Teacher and Administrator Education, Certification and Licensure and Development. It shall be the purpose and duty of the commission to make recommendations to the Mississippi Board of Education regarding standards for the certification and licensure and continuing professional development of those who teach or perform tasks of an educational nature in the public schools of Mississippi.

On May 2, 2025, at its regular meeting the Commission on Teacher and Administrator Education, Certification and Licensure and Development granted approval of The University of Southern Mississippi's request to establish a licensure-track Bachelor of Science in Secondary Education (7-12) program leading to an initial license in Biology (licensure code 181), Chemistry (licensure code 185), English (licensure code 119), Mathematics (licensure code 154), Physics (licensure code 189), or Social Studies (licensure 192).

The Mississippi Institutions of Higher Learning (IHL) has approved USM's request to offer a new Bachelor of Science in Secondary Education degree within the College of Education and Human Sciences during its meeting on February 20, 2025. The Bachelor of Science in Secondary Education (7-12) provides program candidates with a common pathway to licensure that includes 70 hours in clinical experience and a full-year teacher residency in the senior year with additional course hours earned in their specialized content area of emphasis. The Bachelor of Science in Secondary Education (7-12) program requires a minimum of 120 coursework credit hours. Candidates will be required to earn a passing score on the appropriate subject area licensure assessment and Principles of Learning and Teaching (PLT) test for initial licensure.

Required Courses for All Program Areas (45 hours):

- CIS 280 Introduction to Secondary Education (3 hours)
- CIS 352 The Adolescent Learner (3 hours)

- CIS 354 Content Area Literacy (3 hours)
- CIS 356 The Emerging Practitioner (3 hours)
- CIS 358 Contemporary Issues in Education (3 hours)
- CIS 400 Introduction to Residency (3 hour)
- CIS 402 Classroom Ecology and Practice (3 hours)
- CIS 436 The Advanced Practitioner: Science and Math (3 hours)
or CIS 438 The Advanced Practitioner: English and Social Studies (3 hours)
- CIS 480 Residency in Secondary Education I (6 hours)
- CIS 495 Seminar in Secondary Education (3 hours)
- CIS 496 Residency in Secondary Education II (6 hours)
- REF 469 Assessment and Evaluation of Learning (3 hours)
- SPE 400 Psychology and Education of Exceptional Children (3 hours)

Required Courses for Biology 7-12 (181) (20 hours):

- BSC 110 Principles of Biological Science I (3 hours)
- BSC 110L Principles of Biological Science I Lab (1 hour)
- BSC 111 Principles of Biological Science II (3 hours)
- BSC 111L Principles of Biological Science II Lab (1 hour)
- BSC 201 General Zoology (3 hours)
- BSC 201L General Zoology Lab (1 hour)
- BSC 226 General Botany (3 hours)
- BSC 226L General Botany Lab (1 hour)
- BSC 282 General Microbiology (3 hours)
- BSC 282L General Microbiology Lab (1 hour)

Required Courses for Chemistry 7-12 (185) (26 hours):

- CHE 106 General Chemistry I (3 hours)
- CHE 106L General Chemistry I Lab (1 hour)
- CHE 107 General Chemistry II (3 hours)
- CHE 107L General Chemistry II (1 hour)
- CHE 255 Organic Chemistry I (3 hours)
- CHE 255L Organic Chemistry I Lab (1 hour)
- CHE 256 Organic Chemistry II (3 hours)
- CHE 256L Organic Chemistry II Lab (1 hour)
- CHE 420 Principles of Biochemistry (3 hours)
- CHE 420L Principles of Biochemistry Lab (1 hour)
- MAT 167 Calculus I with Analytic Geometry (3 hours)
- MAT 168 Calculus II with Analytic Geometry (3 hours)

Required Courses for English 7-12 (119) (21 hours):

- ENG 301 Advanced Grammar (3 hours)
- ENG 332 Advanced Composition (3 hours)
- ENG 340 Analysis of Literature (3 hours)
- ENG 350 Survey of British Literature I (3 hours)

- ENG 351 Survey of British Literature II (3 hours)
- ENG 370 Survey of American Literature I (3 hours)
- ENG 371 Survey of American Literature II (3 hours)

Required Courses for Mathematics 7-12 (154) (21 hours):

- MAT 103 Plane Trigonometry (3 hours)
- MAT 115 Elementary Statistics (3 hours)
- MAT 167 Calculus I with Analytic Geometry (3 hours)
- MAT 168 Calculus II with Analytic Geometry (3 hours)
- MAT 326 Introduction to Linear Algebra (3 hours)
- MAT 340 Discrete Mathematics (3 hours)
- MAT 370 Introductory Geometry (3 hours)

Required Courses for Physics 7-12 (189) (28 hours):

- PHY 201 General Physics I with Calculus (4 hours)
- PHY 201L General Physics I with Calculus Lab (1 hour)
- PHY 202 General Physics II with Calculus (4 hours)
- PHY 202L General Physics II with Calculus Lab (1 hour)
- PHY 327 Electronics I (3 hours)
- PHY 327L Electronics I Lab (1 hour)
- PHY 341 Optics (3 hours)
- PHY 341L Optics Lab (1 hour)
- PHY 361 Elementary Modern Physics (3 hours)
- PHY 361L Elementary Modern Physics Lab (1 hour)
- MAT 167 Calculus I with Analytic Geometry (3 hours)
- MAT 168 Calculus II with Analytic Geometry (3 hours)

Required Courses for Social Studies 7-12 (192) (27 hours):

- ECO 101 Basic Economics (3 hours)
- GHY 101 World Geography: Dynamics of a Changing Earth (3 hours)
- HIS 101 World Civilizations: Beginnings to 1500 (3 hours)
- HIS 102 World Civilizations: 1500 to the Present (3 hours)
- HIS 201 Survey of United States History to 1877 (3 hours)
- HIS 202 Survey of United States History Since 1877 (3 hours)
- HIS 370 Mississippi History (3 hours)
- PS 101 American Government (3 hours)
- PSY 110 General Psychology (3 hours)

Electives (18-25 hours)

Students in this program of study may add supplemental endorsements in additional subject areas by taking elective coursework credit hours in the content area. Note: According to current policy, some supplemental endorsements (e.g., Math) will require specific courses for obtaining a supplemental endorsement by coursework.

Recommendation: Approval

Back-up material: None