

SECONDARY EDUCATION, BSE

The secondary education program offers exemplary professional programs that prepare educators to be reflective decision-makers, researchers, and facilitators of student learning. The programs in secondary education lead to the Bachelor of Science in Education degree and the Alabama Class B (grades 6–12) professional certificate in the areas of English language arts, foreign language education (French, German, Latin, and Spanish), mathematics, general science (biology, chemistry, or physics major), and general social science. Students complete their internships in the Tuscaloosa area; however, there are opportunities to student teach in foreign countries such as England, Ireland, and South Africa. Faculty provide students with many opportunities to become involved in scholarly endeavors such as conducting research, presenting papers at conferences, and co-authoring articles. Secondary education students are typically interested in pursuing careers as middle and/or high school teachers.

The undergraduate catalog is published annually. Program advising sheets are updated much more frequently and are thus likely to provide the most up-to-date information on degree and other requirements. Students should always obtain the most recent advising sheets, available from academic advisors and in 104 Carmichael Hall. Further information on recommended course sequences should also be obtained from 204 Graves Hall.

Requirements for Secondary Education (6-12) Teaching Fields

English Language Arts (Comprehensive, 6-12)

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area V: Candidates completing this program must take 8 hours of foreign language (FL). EDU 200 is also required.

Professional Studies (32-35 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these

courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title	Hours
BEF/BEP 360 Social Psychol Foundtns Educ	3
BER 450 Assess Of Classrm Learnng	3
CRD 412 Impr Read Second Schools	3
CSE 390 Instructn Accomd Sec Sch	3
CSE 493 Diversity Block Seminar	1
CSE 489 Clinicl Exper Second School	3
SPE 300 Survey Spe Accomd Stratg	3
Discipline-specific CSE methods course ¹	3
CSE 479 Teach Second Sch English	
Internship	
CSE 497 Secondary School Teaching	9-12
EDU 400 Internship Seminar	1
Total Hours	32-35

Footnotes

¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinicl Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learnng and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinicl Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Code and Title	Hours
COM 101 Principles Human Communication	3
COM 123 Public Speaking	3
CSE 455 Adolescent Literature	3
CSE 469 Pedagogical Grammar	3
CSE 470 Teaching Writing 6-12	3
EN 205 English Literature I	3
EN 210 American Literature II	3
EN 300 Intro To English Studies	3
EN 321 Linguis Approach English Gramr	3
EN 333 Shakespeare	3
EN 411 Adv Stdy Comptv Multi-Cutl Lit	3
One 300-level EN elective (advisor approved)	3
Two 400-level EN electives (advisor approved)	6
TH 113 or TH 114 Voice And Diction Intro To The Theatre	3
TH 245 Tch Theatre: Performance	3
JCM 436 or JCM 200 Teaching Multimedia News Found. for Journalism Practice	3
Select two of the following:	6
EN 206 English Literature II	

EN 207	World Literature I	
EN 208	World Literature II	
EN 209	American Literature	
EN 249	African American Literature I ¹	
Select one of the following:		3
EN 340	American Literature To 1900	
EN 343	British Fiction To 1900	
EN 347	English Lit During Enlightenmt	
EN 348	Romantic Literature	
EN 349	Victorian Literature	
Total Hours		60

Footnotes

¹ Does not meet the Literature sequence of UA Core Curriculum.

French

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area V: EDU 200 is required.

Professional Studies (32-25 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title	Hours
BEF/BEP 360 Social Psychol Foundtns Educ	3
BER 450 Assess Of Classrm Learnng	3
CRD 412 Impr Read Second Schools	3
CSE 390 Instructn Accomd Sec Sch	3
CSE 493 Diversity Block Seminar	1
CSE 489 Clinicl Exper Second School	3
SPE 300 Survey Spe Accomd Stratg	3
Discipline-specific CSE methods course (Select the appropriate course for 6-12 or P-12 certification.) ¹	3
CSE 480 Teach Sec Sch Forgn Lang (for 6-12)	

CIE 480	Meth Teach Foreign Langs (for P-12)	
Internship		
(For internship, select CSE 497 for 6-12 or CIE 497 for P-12.)		
CSE 497 or	Secondary School Teaching	9-12
CIE 497	Intern Foreign Lang Educ	
EDU 400	Internship Seminar	1
Total Hours		32-35

Footnotes

¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinicl Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learnng and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinicl Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Code and Title		Hours
FR 201	Intermediate French	3
FR 202	Intermediate French	3
FR 321	Writing and Imagination	3
FR 323	Writing and Analysis	3
FR 331 or	French Civilization	3
FR 431	Contemp French Civiliztn	
FR 421	Pronunciation & Phonetics	3
Select two of the following:		6
FR 361	Intro Romance Linguistic	
FR 461	French Linguistics	
FR 470	Undergrad Sem In French	
FR 480	Special Topics	
Select two of the following:		6
FR 341	Survey Fr Literature I	
FR 351	Survey Fr Literature II	
FR 470	Undergrad Sem In French	
FR 480	Special Topics	
Advisor-approved FR electives		6
Total Hours		36

Additional adviser-approved electives may be necessary to meet the 120-hour degree requirement.

To expand certification in this foreign language field to the P-12 level, students should complete the requirements above and add the following courses:

Code and Title		Hours
CEE 320	Survey of EC/ELE	3
CEE 365	Lit for EC and ELE Ages	3
HD 101	Life Span Human Development	3

Additionally, the internship should be Intern Foreign Language Education CIE 497 Intern Foreign Lang Educ, which will be divided between the P-6 and 6-12 levels.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

German

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area V: EDU 200 is required.

Professional Studies (32-35 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title	Hours
BEF/BEP 360 Social Psychol Foundtns Educ	3
BER 450 Assess Of Classrm Learnng	3
CRD 412 Impr Read Second Schools	3
CSE 390 Instructn Accomd Sec Sch	3
CSE 493 Diversity Block Seminar	1
CSE 489 Clinicl Exper Second School	3
SPE 300 Survey Spe Accomd Stratg	3
Discipline-specific CSE methods course (Select the appropriate course for 6-12 or P-12 certification.) ¹	3
CSE 480 Teach Sec Sch Forgn Lang (for 6-12)	
CIE 480 Meth Teach Foreign Langs (for P-12)	
Internship	
(For internship, select CSE 497 for 6-12 or CIE 497 for P-12.)	
CSE 497 or CIE 497 Secondary School Teaching Intern Foreign Lang Educ	9-12
EDU 400 Internship Seminar	1
Total Hours	32-35

Footnotes

- ¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinicl Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learnng and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinicl Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Code and Title	Hours
Select one of the following Elementary German options:	4-8
GN 101 Elementary German I & GN 102 and Elementary German II	
GN 103 Accelerated Elementary German ¹	
GN 201 Intermediate German I	3
GN 202 Intermediate German II	3
GN 361 Interm Convers Comp I & GN 362 and Interm Convers Comp II	6
GN 371 Gn Cult Civil Thru 1832 & GN 372 and Germn Cult Civ 1832-Present	6
GN 403 Undergraduate Seminar	3
Approved 300-level or higher GN elective	6
Advisor-approved elective	3
NOTE: A minimum of two advisor-approved literature courses: ²	
GN 264 German Literature Translatn I	
GN 265 German Lit In Translatn II	
GN 403 Undergraduate Seminar	
GN 404 Undergraduate Seminar	

Total Hours 34-38

Footnotes

- ¹ See German adviser regarding this option.
² Recommended courses, or a topic-appropriate course.

Additional adviser-approved electives may be necessary to meet the 120-hour degree requirement.

To expand certification in this foreign language field to the P-12 level, students should complete the requirements above and add the following courses:

Code and Title	Hours
CEE 320 Survey of EC/ELE	3
CEE 365 Lit for EC and ELE Ages	3
HD 101 Life Span Human Development	3

Additionally, the internship should be CIE 497 Intern Foreign Lang Educ, which will be divided between the P-6 and 6-12 levels. See general studies requirements listed earlier in this section.

Latin

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the

bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area V: EDU 200 is required.

Professional Studies (32-35 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title	Hours
BEF/BEP 360 Social Psychol Foundtns Educ	3
BER 450 Assess Of Classrm Learnng	3
CRD 412 Impr Read Second Schools	3
CSE 390 Instructn Accomd Sec Sch	3
CSE 493 Diversity Block Seminar	1
CSE 489 Clinicl Exper Second School	3
SPE 300 Survey Spe Accomd Stratg	3
Discipline-specific CSE methods course (Select the appropriate course for 6-12 or P-12 certification.) ¹	3
CSE 480 Teach Sec Sch Forgn Lang (6-12)	
CIE 480 Meth Teach Foreign Langs (P-12)	
Internship (For internship, select CSE 497 for 6-12 or CIE 497 for P-12.)	
CSE 497 or Secondary School Teaching	9-12
CIE 497 Intern Foreign Lang Educ	
EDU 400 Internship Seminar	1
Total Hours	32-35

Footnotes

¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinicl Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learnng and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinicl Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Code and Title	Hours
CL 222 Greek Roman Mythology	3
CL 350 Roman Religion (or equivalent 300-level or higher culture elective)	3
CL 380 Special Topics (or equivalent literature elective)	3
CL 386 History Of Rome	3
LA 101 Elementary Latin I	3
LA 102 Elementary Latin II	3
LA 201 Intermed Latin Read I	3
LA 202 Intermed Latin Read II	3
LA 301 Survey Lit Roman Republ	3
LA 302 Survey Lit Of Empire	3
LA 490 Readings In Latin Literature	3
Advisor-approved electives (300-level or higher)	3
Total Hours	36

Additional adviser-approved electives may be necessary to meet the 120-hour degree requirement.

To expand certification in this foreign language field to the P-12 level, students should complete the requirements above and add the following courses:

Code and Title	Hours
CEE 320 Survey of EC/ELE	3
CEE 365 Lit for EC and ELE Ages	3
HD 101 Life Span Human Development	3

Additionally, the internship should be CIE 497 Intern Foreign Lang Educ, which will be divided between the P-6 and 6-12 levels. See general studies requirements listed earlier in this section.

Mathematics (6-12)

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area III, PH 105 is suggested as a science course.

Area V: EDU 200 is required.

Professional Studies (32-35 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title	Hours
BEF/BEP 360 Social Psychol Foundtns Educ	3
BER 450 Assess Of Classrm Learnng	3
CRD 412 Impr Read Second Schools	3
CSE 390 Instructn Accomd Sec Sch	3
CSE 493 Diversity Block Seminar	1
CSE 489 Clinicl Exper Second School	3
SPE 300 Survey Spe Accomd Stratg	3
Discipline-specific CSE methods course ¹	3
CSE 483 Teach Second School Math	
Internship	
CSE 497 Secondary School Teaching	9-12
EDU 400 Internship Seminar	1
Total Hours	32-35

Footnotes

¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinicl Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learnng and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinicl Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Code and Title	Hours
Choose CS 100 or CS 104 (preferred)	3-4
CSE 401 Tech for Teaching Sec. Math	3
CSE 406 Curriculum Secondary Math (Admission to TEP is required.)	3
MATH 125 Calculus I	4
MATH 126 Calculus II	4
MATH 227 Calculus III	4
MATH 237 Introduction to Linear Algebra	3
MATH 238 Appld Diff Equations I	3
MATH 301 Discrete Mathematics	3
MATH 355 Theory Of Probability	3
MATH 403 Algebra: Secondary Teachers	3
MATH 404 Topics Math Secondary Teachers	1
MATH 405 Geometry: Secondary Teachers	3
MATH 409 Data Analysis: Sec Teachers	3
MATH elective (Select one of the following)	3
MATH 371 Advanced Linear Algebra	

MATH 410 Numerical Linear Algebra	
MATH 451 Math Stats W/Applctn I	
MATH 470 Prin Modern Algebra I	
MATH 485 Intro Complex Variables	
MATH 486 Real Analysis I	
MATH 499 Undergrad Research Exp	
ST 260 Statistical Data Analysis	3
Total Hours	49-50

A student's proficiency in the content of MATH 112 Precalculus Algebra and MATH 115 Precalc Algebra & Trig will be tested. The scores achieved determine whether a student must complete one or more of these courses as prerequisites for the following coursework in the major. Credit for courses numbered below MATH 125 Calculus I may be applied to the degree requirements only as elective credit. See general studies requirements listed earlier in this section.

General Science (Comprehensive, 6-12) with content major of Biology

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area V: EDU 200 is required.

Professional Studies (35 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title	Hours
BEF/BEP 360 Social Psychol Foundtns Educ	3
BER 450 Assess Of Classrm Learnng	3
CRD 412 Impr Read Second Schools	3
CSE 390 Instructn Accomd Sec Sch	3
CSE 476 Improving Science Teaching	3
CSE 493 Diversity Block Seminar	1
CSE 489 Clinicl Exper Second School	3
SPE 300 Survey Spe Accomd Stratg	3

Discipline-specific CSE methods course ¹	3
CSE 486 Teach Second Sch Science	
Internship	
CSE 497 Secondary School Teaching	9
EDU 400 Internship Seminar	1
Total Hours	35

Footnotes

¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinical Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learn and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinical Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Code and Title	Hours
Biology	
BSC 114 Principles Of Biology I	3
BSC 115 Laboratory Biology I	1
BSC 116 Principles Biology II	3
BSC 117 Biology II Laboratory	1
BSC 215 Human Anatomy & Physiology I	4
BSC 216 Human Anatomy & Physiology II	4
BSC 300 Cell Biology	3
BSC 315 Genetics	3
BSC 385 Ecology and Evolution	3
300-level or higher Advisor-approved BSC elective	4
300-level or higher Advisor-approved BSC or MS elective	3-4
Select one of the following:	4
BSC 303 Field Zoology	
BSC 320 Freshwater Studies	
BSC 373 Vertebrate Zoology	
BSC 400 Vertebrate Funct Morphol	
BSC 428 Biology Of Fishes	
BSC 464 Biology Of Algae	
BSC 472 Mycology	
BSC 476 Aquatic Insects	
BSC 490 Stream Ecology	
Select one of the following laboratory electives: (Some require a corequisite lecture that can be taken as an elective.)	2-4
BSC 312 Microbiology Lab	
BSC 313 Gen Bacteriology Lab	
BSC 314 Dendrology	
BSC 386 General Ecology Lab	
BSC 425 Human Physiology Lab	
BSC 439 Bch/Molecular Biology Lab	
BSC 442 Integrated Genomics	
BSC 497 Special Topics	

MATH 125	Calculus I	4
Chemistry		
CH 101	General Chemistry	4
CH 102	General Chemistry	4
CH 231	Elem Organic Chemistry I	3
CH 232	Elem Organic Chem II	3
CH 237	Elem Organic Chem Lab	2
Physics		
PH 101	General Physics I	4
PH 102	General Physics II	4
Integrated Science		
AEM 120, or AY 101 and AY 102		4
GEO 101	The Dynamic Earth	4
Total Hours		74-77

General Science (Comprehensive, 6-12) with content major of Chemistry

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area V: EDU 200 is required.

Professional Studies (35 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title	Hours
BEF/BEP 360 Social Psychol Foundtns Educ	3
BER 450 Assess Of Classrm Learn	3
CRD 412 Impr Read Second Schools	3
CSE 390 Instructn Accomd Sec Sch	3
CSE 476 Improving Science Teaching	3
CSE 493 Diversity Block Seminar	1
CSE 489 Clincl Exper Second School	3
SPE 300 Survey Spe Accomd Stratg	3

Discipline-specific CSE methods course ¹	3
CSE 486 Teach Second Sch Science	
Internship	
CSE 497 Secondary School Teaching	9
EDU 400 Internship Seminar	1
Total Hours	35

Footnotes

¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinical Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learnng and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinical Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Code and Title	Hours
Chemistry	
CH 101 or General Chemistry	4
CH 117 Honors General Chemistry	
CH 102 or General Chemistry	4
CH 118 Honors General Chemistry	
CH 223 Quantitative Analysis	4
CH 231 Elem Organic Chemistry I	3
CH 232 Elem Organic Chem II	3
CH 237 Elem Organic Chem Lab	2
CH 338 Elem Organic Chem Lab II	2
CH 340 Elem Physical Chem	3
CH 343 Elem Phy Chem Lab	1
CH 413 Inorganic Chemistry	4
CH 461 Biochemistry I	3
CH 462 Biochemistry II	3
CH 463 Biochem-Clin/Foren/Chem	3
Mathematics	
MATH 125 Calculus I	4
MATH 126 Calculus II	4
Biology	
BSC 114 and BSC 115, or BSC 118	4
BSC 116 and BSC 117, or BSC 120	4
Physics	
PH 101 or PH 105 or PH 125	4
PH 102 or PH 106 or PH 126	4
PH 253 Intro Modern Physics	3
PH 255 Modern Physics Lab	1
Select one of the following:	3-4
PH 354 Intermediate Modern Physics	
PH 405 Physics For Science Teachers	
PH 411 Biophysics	
Integrated Science	

AEM 120, or AY 101 and AY 102	4
GEO 101 The Dynamic Earth	4
Total Hours	78-79

General Science (Comprehensive, 6-12) with content major of Physics

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area V: EDU 200 is required.

Professional Studies (35 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title	Hours
BEF/BEP 360 Social Psychol Foundtns Educ	3
BER 450 Assess Of Classrm Learnng	3
CRD 412 Impr Read Second Schools	3
CSE 390 Instructn Accomd Sec Sch	3
CSE 476 Improving Science Teaching	3
CSE 493 Diversity Block Seminar	1
CSE 489 Clinicl Exper Second School	3
SPE 300 Survey Spe Accomd Stratg	3
Discipline-specific CSE methods course ¹	3
CSE 486 Teach Second Sch Science	
Internship	
CSE 497 Secondary School Teaching	9
EDU 400 Internship Seminar	1
Total Hours	35

Footnotes

- ¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinical Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learnng and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinical Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Code and Title	Hours
Physics	
PH 101, PH 105, or PH 125	4
PH 102, PH 106, or PH 126	4
PH 253 Intro Modern Physics	3
PH 255 Modern Physics Lab	1
PH 301 or Mechanics I	3
PH 302 Intermediate Mechanics	
PH 331 Elect & Magnetism I	3
PH 354 Intermediate Modern Physics	3
PH 405 Physics For Science Teachers	3
PH 491 Advanced Laboratory	3
Advisor-approved PH electives, 300-level or higher	6
MATH 125 or Calculus I	4
MATH 145 Honors Calculus I	
MATH 126 or Calculus II	4
MATH 146 Honors Calculus II	
MATH 227 or Calculus III	4
MATH 247 Honors Calculus III	
MATH 238 Appld Diff Equations I	3
Biology	
BSC 114 Principles Of Biology I	3
BSC 115 Laboratory Biology I	1
BSC 116 Principles Biology II	3
BSC 117 Biology II Laboratory	1
Chemistry	
CH 101 or General Chemistry	4
CH 117 Honors General Chemistry	
CH 102 or General Chemistry	4
CH 118 Honors General Chemistry	
CH 231 Elem Organic Chemistry I	3
CH 232 Elem Organic Chem II	3
CH 237 Elem Organic Chem Lab	2
Integrated Science	
AEM 120, or AY 101 and AY 102	4
GEO 101 The Dynamic Earth	4
Total Hours	80

General Social Science (Comprehensive, 6-12)

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area V: EDU 200 is required.

Professional Studies (35-38 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title	Hours
BEF/BEP 360 Social Psychol Foundtns Educ	3
BER 450 Assess Of Classrm Learnng	3
CRD 412 Impr Read Second Schools	3
CSE 390 Instructn Accomd Sec Sch	3
CSE 485 Inquiry in Social Studies	3
CSE 493 Diversity Block Seminar	1
CSE 489 Clinical Exper Second School	3
SPE 300 Survey Spe Accomd Stratg	3
Discipline-specific CSE methods course ¹	3
CSE 487 Teach Second Soc Science	
Internship	
CSE 497 Secondary School Teaching	9-12
EDU 400 Internship Seminar	1
Total Hours	35-38

Footnotes

¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinical Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learnng and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinical Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Code and Title		Hours
From general studies students must select:		
EC 110	Principles of Microeconomics	3
EC 111	Principles of Macroeconomics	3
GY 110 or GY 105	People, Places, & Environment World Regional Geography	3
GY 300+	(advisor-approved elective)	3
HY 101	Western Civ To 1648	3
HY 102	Western Civ Since 1648	3
HY 103	American Civilization to 1865	3
HY 104	Am Civ Since 1865	3
HY 117	World History to 1500	3
One HY 300-level or higher U.S. elective		3
One HY 300-level or higher European or British elective		3
One HY 300-level or higher African, Asian, or Latin American elective		3
Three HY 300-level or higher electives		9
HY 430	UG Research Seminar	3
PSC 101	Intro American Politics	3
PSC 203	Comparative Politics	3
PY 101	Intro To Psychology	3
SOC 101	Intro To Sociology	3
Total Hours		60

Spanish (6-12)

The programs in secondary education require the completion of a minimum of 120 semester hours as specified below and lead to the bachelor of science in education degree and the Alabama Class B (6-12) Professional Certificate.

NOTE: Admission to this program is competitive; meeting stated criteria does not guarantee admission. Rather, persons who meet stated criteria are guaranteed consideration for admission to the teacher education program. Each student must satisfactorily complete each of the following requirements: writing examination, admission interview and *Praxis* Core Academic Skills for Educators Tests (formerly Basic Skills). An individual may request from the program chairperson or his or her adviser information concerning summative data on the most recent previous admissions.

General Studies (60 Hours)

Courses that are common to the teaching field and the general studies component may be applied to both. At least 120 hours are required for the degree.

See general studies requirements listed earlier in this section. Courses from areas II, III and IV, plus any hours remaining in area V, should be utilized to meet teaching field or prerequisite requirements.

Area V: EDU 200 is required.

Professional Studies (32-35 Hours)

Students must earn grades of C- or higher in each of the following professional studies courses. The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses. A student may not enroll in more than the five professional studies courses prior to unconditional admission to TEP.

Code and Title		Hours
BEF/BEP 360	Social Psychol Foundtns Educ	3
BER 450	Assess Of Classrm Learnng	3
CRD 412	Impr Read Second Schools	3
CSE 390	Instructn Accomd Sec Sch	3
CSE 493	Diversity Block Seminar	1
CSE 489	Clinicl Exper Second School	3
SPE 300	Survey Spe Accomd Stratg	3
Discipline-specific CSE methods course (Select the appropriate course for 6-12 or P-12 certification.) ¹		3
CSE 480	Teach Sec Sch Forgn Lang (6-12)	
CIE 480	Meth Teach Foreign Langs (P-12)	
Internship		
(For internship, select CSE 497 for 6-12 or CIE 497 for P-12.)		
CSE 497 or CIE 497	Secondary School Teaching Intern Foreign Lang Educ	9-12
EDU 400	Internship Seminar	1
Total Hours		32-35

Footnotes

¹ This is a methods course that is a prerequisite for the internship (formerly called student teaching). The student must be admitted to the teacher education program before this course is taken. Failure to be admitted on time will significantly delay the internship and graduation as well. (CSE 489 Clinical Exper Second School, CRD 412 Impr Read Second Schools, BER 450 Assess Of Classrm Learnng and methods courses are taken concurrently.) Depending on the teaching field, a student may be required to take an additional CSE 489 Clinical Exper Second School and methods course.

Teaching Field

The University of Alabama GPA — and, if transfer work, the cumulative GPA — must be at least 2.75 in these courses.

Content Major: Spanish		Hours
SP 201	Intermediate Spanish	3
SP 202	Intermediate Spanish	3
SP 353	Spanish Conversation	3
SP 356	Adv Grammar And Compos	3
SP 361	Intro Romance Linguistic (preferred, or SP 300-level or higher elective)	3
SP 364 or	Spanish Civilization	3

SP 366	Spanish-American Civ	
Select two of the following:		6
SP 371 or	Survey Of Spanish Lit	
SP 375	Masterpc Sp-Amer Lit I	
SP 372 or	Survey Of Spanish Lit	
SP 376	Masterpc Sp-Amer Lit II	
SP 484	Phonetics And Pronunciation	3
SP 491	Cervantes	3
SP 400-level elective		3
Two Advisor-approved electives		6
Total Hours		39

Additional adviser-approved electives may be necessary to meet the 120-hour degree requirement.

To expand certification in this foreign language field to the P-12 level, students should complete the requirements above and add the following courses:

Code and Title		Hours
CEE 320	Survey of EC/ELE	3
CEE 365	Lit for EC and ELE Ages	3
HD 101	Life Span Human Development	3

Additionally, the internship should be CIE 497 Intern Foreign Lang Educ, which will be divided between the P-6 and 6-12 levels. See general studies requirements listed earlier in this section.

Middle-Level Teaching Fields (4-8)

Contact the Office of Student Services & Certification in 104 Carmichael Hall for information.

Types of Jobs Accepted

Graduates of the Secondary Education program are teaching in many school systems in Alabama and across the country.

Learn more about opportunities in this field at the Career Center