

SECONDARY EDUCATION GENERAL SCIENCES (BS)

Degree Requirements

Code	Title	Hours
General Education Requirements		
Select General Education Requirements (p. 1)		46
Major Requirements		
<i>Professional Studies Core</i>		
A. Complete the following:		
EDM 310	Microcomputing Systems	3
EDU 400	Edu Except Child and Youth	3
EPY 351	Human Growth & Development	3
EDU 340	Fundamentals of Teaching - W (see footnote table below (p. 1)) ¹	3
EDU 341	Middle Level Education - W (see footnote table below (p. 1)) ¹	3
EDU 342	Secondary Field Experience (see footnote table below (p. 1)) ¹	3
EDU 363	Tchg Adptve Cur Thru Beh/Clsm (see footnote table below (p. 1)) ¹	3
EDU 451	Content Area Literacy (see footnote table below (p. 1)) ¹	3
EDU 456	Teaching Science (see footnote table below (p. 1)) ¹	3
EDU 468	Internship - Science (see footnote table below (p. 1)) ¹	9
<i>Teaching Field Core</i>		
Includes 12 hours from General Education Area III		
A. Complete the following:		
MA 238	Differential Equations I	3
ST 210	Stat Reason and Application	3
BLY 301	Cell Biology	3
BLY 302	Genetics	3
CH 131 & 131L	General Chemistry I and General Chemistry I Lab	4
CH 132 & 132L	General Chemistry II and General Chemistry II Lab	4
CH 201 & 201L	Organic Chemistry I and Organic Chemistry I Lab	4
GEO 101 & 101L	Environmental Geography and Environmental Geography Lab	4
PH 101 & 101L	Introduction to Astronomy and Introduction to Astronomy Lab	4
PH 114 & 114L	Physics with Algebra-Trig I and Alg-Trig Based Physics I Lab	4-5
or PH 201 & 201L	Calculus-Based Physics I and Calculus-Based Physics I Lab	
PH 115 & 115L	Physics with Algebra -Trig II and Alg-Trig Based Physics II Lab	4-5
or PH 201 & 201L	Calculus-Based Physics I and Calculus-Based Physics I Lab	
B. Select 20 hours from BLY 300 - BLY 499		20

Minor Requirements

A minor is not required for this degree program	0
Total Hours	142-144

Footnote

¹ Required for admission to Candidacy as a prerequisite

General Education Requirements

Includes 11 hours of Math and Science courses from Area III that will satisfy requirements in the **Teaching Field Core**.

Code	Title	Hours
Area I – Written Composition		
A. Complete the following:		
EH 101	English Composition I	3
B. Complete the following:		
EH 102	English Composition II	3
Area II – Humanities & Fine Arts		
A. Complete the following:		
CA 110	Public Speaking	3
B. Select one of the following: see footnote table below (p. 2) ¹		
EH 215	Brit Lit before 1785	
EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	
EH 236	World Lit after 1650	
C. Select one of the following:		
ARH 100	Survey of Art	3
ARH 103	Art History I	
ARH 123	Art History II	
ARS 101	Art Appreciation	
DRA 110	Introduction to Theatre	
MUL 101	Introduction to Music	
D. Select one of the following:		
AFR 101	Intro to African Amer Studies	3
ARH 100	Survey of Art	
ARH 103	Art History I	
ARH 123	Art History II	
ARS 101	Art Appreciation	
DRA 110	Introduction to Theatre	
EH 215	Brit Lit before 1785	
EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	
EH 236	World Lit after 1650	
LG 101	Introductory Latin I	
LG 102	Introductory Latin II	
LG 111	Introductory French I	
LG 112	Introductory French II	
LG 121	Introductory Chinese I	

LG 122	Introductory Chinese II
LG 131	Introductory Spanish I
LG 132	Introductory Spanish II
LG 141	Intro Classical Greek I
LG 142	Intro Classical Greek II
LG 151	Introductory German I
LG 152	Introductory German II
LG 153	Accelerated Intro German
LG 171	Introductory Russian I
LG 172	Introductory Russian II
LG 173	Accelerated Intro Russian
LG 201	Intermediate Latin I
LG 202	Intermediate Latin II
LG 211	Intermediate French I
LG 212	Intermediate French II
LG 213	Accelerated Inter French - H
LG 221	Intermediate Chinese I
LG 222	Intermediate Chinese II
LG 231	Intermediate Spanish I
LG 232	Intermediate Spanish II
LG 234	Inter Spanish Accel -H
LG 241	Interm Classical Greek I
LG 242	Interm Classical Greek II
LG 251	Intermediate German I
LG 252	Intermediate German II
LG 271	Intermediate Russian I
LG 272	Intermediate Russian II
LG 273	Intensive Second Year Russian
LGS 101	Introductory Japanese I
LGS 102	Introductory Japanese II
LGS 106	Introductory Arabic I
LGS 107	Introductory Arabic II
LGS 110	Intro American Sign Language I
LGS 111	Intro American Sign Lang II
LGS 171	Introductory Korean I
LGS 172	Introductory Korean II
LGS 201	Intermediate Japanese I
LGS 202	Intermediate Japanese II
LGS 206	Intermediate Arabic I
LGS 207	Intermediate Arabic II
LGS 210	Intermediate ASL I
LGS 211	Intermediate ASL II
MUL 101	Introduction to Music
PHL 110	Introduction to Philosophy
PHL 120	Critical Thinking
PHL 121	Introduction to Logic
PHL 131	Introduction to Ethics
PHL 231	Social Ethics
PHL 240	Western Philosophy: Classical
REL 100	Intro to the Study of Religion
REL 200	Old Testament/Hebrew Bible
REL 201	Survey of the New Testament

Area III – Natural Sciences & Mathematics

A. Complete the following:		
MA 125	Calculus I	4
B. Complete the following:		
BLY 121 & 121L	General Biology I and General Biology I Lab	4
BLY 122 & 122L	General Biology II and General Biology II Laboratory	4

Area IV – History, Social & Behavioral Sciences see footnote table below (p. 2) ¹

A. Select one of the following:			3
HY 101	HY of Western Civilization I		
HY 102	HY of Western Civilization II		
HY 121	World Civilization I		
HY 122	World Civilization II		
HY 135	US History to 1877		
HY 136	US History since 1877		
B. Select three of the following:			9
AN 100	Intro to Cultural Anthropology		
AN 101	Intro Archaeology-Bio Anthro		
ECO 215	Prin of Microeconomics		
ECO 216	Prin of Macroeconomics		
GEO 114	People, Places, Environment		
GEO 115	World Regional Geography		
GS 101	Intro to Gender Studies		
HY 101	HY of Western Civilization I		
HY 102	HY of Western Civilization II		
HY 121	World Civilization I		
HY 122	World Civilization II		
HY 135	US History to 1877		
HY 136	US History since 1877		
PSC 130	Intro to US Government		
PSY 250	Life Span Development		
SY 109	Introductory Sociology		
SY 112	Social Problems		

Area V

A. Complete the following:		
KIN 100	Concepts of Health and Fitness	3
B. Complete the following:		
PE activity course		1

Total Hours **46****Footnote**

¹ Students must complete a 6 credit hour sequence either in literature (Area II – EH 215 & EH 216, EH 225 & EH 226, or EH 235 & EH 236) or history (Area IV – HY 101 & HY 102 or HY 121 & HY 122 or HY 135 & HY 136)

Additional Information**E-portfolio and Assessment**

Students enrolled in education classes are required to purchase a LiveText membership.

- <https://www.southalabama.edu/colleges/ceps/livetext.html>

Teacher Candidacy – Secondary Education

This major contains a professional component (Candidacy) comprised of upper level education courses (300-400 levels), grouped into three semesters (as shown on graduation plan), and are only available to students who have gained admission to Teacher Candidacy.

Admission Requirements for Teacher Candidacy

Courses and GPA

- Courses: CA 110, EH 101, EH 102, EDM 310, EDU 400, EPY 351, and 75% of Teaching Field (or no more than one semester of Teaching Field courses between methods and internship)
- Hours: 60 credit hours of degree requirements completed
- Minimum Grade Point Averages: 2.5 Program, 2.5 Professional Studies, 2.5 Teaching Field, and 2.5 USA GPA (all GPAs found in degree audit). No grade below a "C" is accepted in Professional Studies.

ALSDE Background Check

- https://www.alabamaachieves.org/teacher-center/teacher-preparation/#Background_Clearance

Application, Liability Insurance, and Interview

- Completed and scheduled in the UCOM Advising Center during the semester prior to beginning Teacher Candidacy

Prerequisites and Certification/Graduation Requirements

Semester 1 of Teacher Candidacy: EDU 340 (Prerequisite Below)

- Admission to Teacher Candidacy

Semester 2 of Teacher Candidacy: Methods Block (Fall Only-15 Credit Hours) (Prerequisites Below)

- Successful Completion of EDU 340 with a Grade of C or better
- GPAs at Admission Requirements Levels

Semester 3 of Teacher Candidacy: Internship (Prerequisites Below)

- Praxis - Teaching Field Content Knowledge - Passing Score https://www.ets.org/praxis/al/al_teacher_ed/
- Successful Completion of Methods Block with Grades of C or better
- GPAs at Admission Requirement Levels
- Student Teaching Application

Certification/Graduation Requirements

- Successful Completion of Student Teaching
- GPAs at Admission Requirement Level
- Passing Score on edTPA
- Application for Certification and Graduation

Secondary students will be required to participate in an opening of school experience during the fall immediately preceding either their methods block classes or their student teaching. This experience will take place at the beginning of the public school year which is prior to the beginning of U.S.A. classes.

Note: Praxis tests requirements are subject to change as prescribed by the ALSDE. Prior to registering for any Praxis exam, please verify current

requirements by going directly to the Alabama portion of the ETS Praxis website at <http://ets.org/praxis/al> (<http://ets.org/praxis/al/>).

Graduation Plan

(155 Total Hours)

Course	Title	Hours
First Year		
Fall		
EH 101	English Composition I (CP)	3
BLY 121	General Biology I (PR)	3
BLY 121L	General Biology I Lab (PR)	1
Social Science	Area IV, B ¹	3
MA 125	Calculus I (PR)	4
PE 101 - PE 157	PE Activity Course	1
Hours		15
Spring		
EH 102	English Composition II (CP)	3
BLY 122	General Biology II (PR)	3
BLY 122L	General Biology II Laboratory (PR)	1
History	Area IV, A ¹	3
MA 126	Calculus II (PR)	4
KIN 100	Concepts of Health and Fitness	3
Hours		17
Second Year		
Fall		
CA 110	Public Speaking (CP)	3
CH 131	General Chemistry I (PR)	3
CH 131L	General Chemistry I Lab (PR)	1
Fine Art	Area II, C ¹	3
Literature	Area II, B ¹	3
MA 227	Calculus III (PR)	4
Hours		17
Spring		
BLY 301	Cell Biology	3
BLY 302	Genetics	3
CH 132	General Chemistry II (PR)	3
CH 132L	General Chemistry II Lab (PR)	1
GEO 101	Environmental Geography	3
GEO 101L	Environmental Geography Lab	1
MA 238	Differential Equations I	3
Take Core Exams		
Hours		17
Third Year		
Fall		
CH 201	Organic Chemistry I	3
CH 201L	Organic Chemistry I Lab	1
PH 114	Physics with Algebra-Trig I (PR)	5
PH 114L	Alg-Trig Based Physics I Lab (PR)	0
ST 210	Stat Reason and Application	3
Hours		12
Spring		
EPY 351	Human Growth & Development (CP)	3
BLY 300 - BLY 499 Elective	Upper Level Biology Course	4
BLY 300 - BLY 499 Elective	Upper Level Biology Course	4
PH 115	Physics with Algebra -Trig II	4
PH 115L	Alg-Trig Based Physics II Lab	1
Social Science	Area IV, B ¹	3
Hours		19

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Fourth Year

Fall		
EDM 310	Microcomputing Systems (CP)	3
EDU 400	Edu Except Child and Youth (CP)	3
EPY 351	Human Growth & Development (CP)	3
BLY 300-BLY 499 Elective	Upper Level Biology Course	4
PH 101	Introduction to Astronomy	4
PH 101L	Introduction to Astronomy Lab	0
Apply for Candidacy		
Hours		17

Spring		
BLY 300 - BLY 499 Elective	Upper Level Biology Course	4
BLY 300 - BLY 499 Elective	Upper Level Biology Course	4
History/Social Science Elective	Area IV, B ¹	3
Literature/Fine Art or Humanities	Area II, D ¹	3
EDU 340	Fundamentals of Teaching - W (Spring or Summer Only) ²	3
Hours		17

Fifth Year

Fall		
EDU 341	Middle Level Education - W (Fall Only) ²	3
EDU 342	Secondary Field Experience (Fall Only) ²	3
EDU 363	Tchg Adptve Cur Thru Beh/Clstrm (Fall Only) ²	3
EDU 363	Tchg Adptve Cur Thru Beh/Clstrm (Fall Only) ²	3
EDU 456	Teaching Science (Fall Only) ²	3
Apply for Graduation		
Hours		15

Spring		
EDU 468	Internship - Science ²	9
Hours		9
Total Hours		155

¹ See General Education Requirements

² Required for admission to Candidacy

Notes:

- (PR) Prerequisite for course(s) taking in next semester
- (CP) Prerequisite for Candidacy
- (W) Courses that satisfy USA writing requirement (2 required)