

SECONDARY TEACHER CERTIFICATION, B.S. IN EDUCATION

Degree Requirements

minimum 124 sem. hrs.

Requirement	Hours
Advanced Hours	minimum 36 hrs.
Professional Education	minimum 36 hrs.
Academic Major	minimum 36 hrs.

Residence Requirement

Minimum

Requirement	Hours
Degree Minimum	60 hrs., including last 30 hrs.
Chapel—two semesters	no credit

Grade Point Average

- A. Grade points are earned on residence work at Baylor only.
B. Minimum required for retention in major: 2.75 average in major and overall.

General Studies (BIC)

Code	Title	Hours
Required Courses		
BIC 1112	Examined Life	1
BIC 1313	World of Rhetoric I	3
BIC 1314	World Cultures I: Roots of Culture	3
BIC 1323	World of Rhetoric II: Rhetoric in Context	3
BIC 1324	World Cultures II: Religion and Culture	3
BIC 2330	Social World I: The City and the Soul	3
BIC 2334	World Cultures III: The Modern World	3
BIC 2340	Social World II: The Conditions and Possibilities of Human Fulfillment	3
BIC 2437	The Natural World I: Primary Ideas in Science	4
BIC 2447	The Natural World II: Global Science Issues	4
BIC 3358	Examined Life II: Biblical Heritage and Contemporary Ethical Issues	3
Mathematics & Science		
MTH 1301 & STA 1380	Ideas in Mathematics and Elementary Statistics	6
Life Science Major Requirement		
MTH 1320 & STA 1380	Precalculus Mathematics and Elementary Statistics	
Major Math Requirement		
MTH 1321 & MTH 1322	Calculus I and Calculus II	
Physical Science Major Requirement		

MTH 1321 & MTH 1322	Calculus I and Calculus II	
Language		
Second semester proficiency in a modern or classical language		3-8
Lifetime Fitness		
Select two hours of any LF		2
Chapel		
Complete two semesters of Chapel		0
Total Hours		44-49

General Studies (Non-BIC)

Code	Title	Hours
Required Courses		
ENG 1310 & ENG 2310	Research Writing: Writing and Academic Inquiry Seminars and American Literary Cultures	6
REL 1310 & REL 1350	The Christian Scriptures and The Christian Heritage	6
Language		
Second semester proficiency in a modern or classical language		3-8
Mathematics & Science		
MTH 1301 & STA 1380	Ideas in Mathematics and Elementary Statistics	6
Life Science Major Requirement		
MTH 1320 & STA 1380	Precalculus Mathematics and Elementary Statistics	
Math Major Requirement		
MTH 1321 & MTH 1322	Calculus I and Calculus II	
Physical Science Major Requirement		
MTH 1321 & MTH 1322	Calculus I and Calculus II	
Computer Science majors will complete courses required in major.		
Laboratory Science		
Select from BIO, CHE, ENV, GEO, PHY		8
<i>Note: Life Science and Physical Science majors will complete courses required in their respective majors.</i>		
Social Science		
HIS 1300 & PSC 1387	The United States in Global Perspective and The U.S. Constitution, Its Interpretation, and the American Political Experience	6
Fine Arts		
Select three hours from the A&S Fine Arts and Performing Arts Distribution list		3
Lifetime Fitness		
Select two hours of any LF ¹		2
Chapel		
Complete two semesters of Chapel		0
Total Hours		40-45

¹ May include PUBH 1145 Health and Human Behavior

Professional Studies

Code	Title	Hours
Required Courses		
Select six semester hours from the following:		6
TED 1312	Introduction to Education I	
TED 3180	Social Issues in Education Lab	
TED 3380	Social Issues in Education	
EDP 2336	The Developing Child	
Total Hours		6

Academic Major

Code	Title	Hours
Required Courses		
<i>English, Language Arts, and Reading</i>		
ENG 1310	Research Writing: Writing and Academic Inquiry Seminars	3
ENG 2301	British Literature	3
ENG 2306	World Literature	3
ENG 2310	American Literary Cultures	3
ENG 3302	Modern English Grammar	3
ENG 3380	American Literature through Whitman	3
ENG 3390	American Literature from Whitman	3
ENG 4324	Shakespeare: Selected Plays	3
Select nine hours from 3000 or 4000 level ENG		9
LS 4320	Young People's Literature	3
TED 3346	Foundations of Secondary Reading and Writing	3
TED 4322	English Curriculum	3
<i>Life Science</i>		
BIO 1305	Modern Concepts of Bioscience	3
BIO 1105	Modern Concepts of Bioscience Laboratory	1
BIO 1306	Modern Concepts of Bioscience, continued	3
BIO 1106	Modern Concepts of Bioscience Laboratory	1
BIO 2306	Genetics	3
BIO 2106	Genetics Laboratory	1
BIO 3303	Ecology	3
BIO 3322 & BIO 3122	Human Physiology and Human Physiology Lab	4
or HP 1420	Human Anatomy	
BIO 4365	Topics in Evolution	3
or BIO 3366	Foundations of Evolutionary Biology	
Select one of the following:		3-4
BIO 4333	Science Leadership: Improvement of Science Education (OR one BIO upper level (3000-4000) course)	
PHY 1405 & GEO 1408	Everyday Physics and Earth Science	8
CHE 1301	Basic Principles of Modern Chemistry I	3
CHE 1101	General Chemistry Laboratory I	1
CHE 1302	Basic Principles of Modern Chemistry II	3
CHE 1102	General Chemistry Laboratory II	1
TED 4325	Science Curriculum	3

Mathematics

MTH 1321	Calculus I	3
MTH 1322	Calculus II	3
MTH 2311	Linear Algebra	3
MTH 2321	Calculus III	3
MTH 3300	Foundations of Mathematics	3
MTH 3312	Foundations of Combinatorics and Algebra	3
MTH 3323	Introduction to Analysis	3
MTH 3340	Mathematics through Technology	3
MTH 3350	Structure of Modern Geometry	3
MTH 3374	Introduction to Mathematical Modeling	3
STA 3381	Probability and Statistics	3
TED 4348	Secondary Mathematics Curriculum	3
TED 4349	Critical Issues in Mathematics Education	3

Physical Science

CHE 1301 & CHE 1101	Basic Principles of Modern Chemistry I and General Chemistry Laboratory I	4
CHE 1302 & CHE 1102	Basic Principles of Modern Chemistry II and General Chemistry Laboratory II	4
CHE 3331	Organic Chemistry I	3
CHE 3332	Organic Chemistry II	3
CHE 3238	Organic Chemistry Laboratory	2
PHY 1420	General Physics I	4
PHY 1430	General Physics II	4
PHY 1455	Descriptive Astronomy	4
Select six (6) to eight (8) hrs. BIO or GEO		6-8
TED 4325	Science Curriculum	3

Social Studies

ECO 1305	Issues in Economics for Non-Business Majors	3
HIS 1305	World History to 1500 ¹	3
HIS 1307	World History since 1500 ¹	3
HIS 1365	United States History to 1877	3
HIS 1366	United States History since 1877	3
HIS 2395	Research Writing: History	3
HIS 3380	Texas History	3
Select 9 hours from: ANT, ECO, GEOG, HIS, PSC, or SOC		9
PSC 1305	American National Government	3
TED 4341	Social Studies Curriculum	3
TED 4355	Teaching Economic Geography in Social Studies	3

Total Hours **201-204**

¹ World Cultures I, II, III, and IV in the BIC program will substitute for HIS 1305 World History to 1500 and HIS 1307 World History since 1500.

Teaching Associate

Code	Title	Hours
Required Courses		
TED 3342	School and Classroom Environment	3
TED 3641	Teaching Associate Secondary	6

Select one course from the following based on content field
(Mathematics, Social Studies, Science or English Language Arts): 3

TED 3383	Secondary Mathematics Practicum I	
TED 3385	Secondary Social Studies Practicum I	
TED 3387	Secondary Science Practicum I	
TED 3394	Secondary Art Practicum I	
TED 3396	Secondary English Language Arts Practicum I	

Total Hours 12

Internship

Code	Title	Hours
Required Courses		
TED 4640	Internship Secondary Part I	6
TED 4641	Internship Secondary Part II	6
TED 4642	Internship Secondary Part III	6
TED 4643	Internship Secondary Part IV	6
Total Hours		24