

CONTENT COURSE REQUIREMENTS FOR CERTIFICATION FIELDS

Teacher certification in Texas is governed by the rules of the Texas Education Agency (TEA). Some teaching fields have content matter requirements that can be met by taking certain courses. These requirements are not in addition to the degree, rather, they are part of the major or taken as electives. Please consult the list that aligns with your certification field below.

GRADES 4-8 ENGLISH LANGUAGE ARTS & READING

*** Major in English**

GRADES 4-8 MATH

***Major in Math**

MUST TAKE:

MATH 152 Calculus II
MATH 251 Introduction to Linear Algebra
MATH 252 Calculus III (Multivariate)
MATH 319 Euclidean Geometries

CHOOSE ONE:

MATH 120 Elementary Statistics
PSY 120 Statistics for Psychologists
SSCI 120 Social Science Statistics

GRADES 4-8 SOCIAL STUDIES

*** Major in History, Political Science, or Economics**

MUST TAKE:

PHY 105 Physics (Algebra-based)
PHY 111 Physics II (Calculus-based)
HIST 133 Europe & the World to 1500
HIST 162 History of US to 1876 (HUM)
HIST 163 History of US from 1876 to Present
HIST 284 History of Texas
PSCI 110 Government & Politics
ECO 111 Principles of Economics

GRADES 6-12 PHYSICAL SCIENCE

*** Major in Physics OR Major in Chemistry**

MAJOR IN PHYSICS CHOOSE ONE:

PHY 105 Physics (Algebra-based)
PHY 111 Physics II (Calculus-based)

MAJOR IN CHEMISTRY CHOOSE ONE:

CHEM 111 Intro to Chemistry
CHEM 112 Chemical Equilibria

GRADES 7-12 ENGLISH LANGUAGE ARTS & READING

*** Major in English**

MUST TAKE:

ENG 121 Interpreting Literature

GRADES 7-12 HISTORY

*** Major in History**

MUST TAKE:

HIST 133 Europe & the World to 1500
HIST 143 Europe and the Modern World
HIST 162 History of US to 1876
HIST 163 History of US from 1876 to Present (HUM)
HIST 284 History of Texas

CHOOSE ONE:

HIST 103, HIST 113, or HIST 123 Non-Western

CHOOSE ONE:

Any European History 300 or above.

CHOOSE ONE:

Any History Elective 300 or above.

CHOOSE ONE ADVANCED US HISTORY COURSES:

HIST 361, HIST 362, HIST 363, HIST 364, HIST 365 or HIST 366

GRADES 7-12 LIFE SCIENCE

*** Major in Biology**

MUST TAKE:

BIOL 115 Evolution, Behavior & Ecology
BIOL 116 Cell Biology
BIOL 230 Microbiology
BIOL 259 Conservation & Restoration Ecology
BIOL 337 Plant-Animal Inter

CHOOSE ONE:

BIOL 220 Vertebrate Biology
BIOL 326 Animal Behavior

GRADES 7-12 MATH

*** Major OR Minor in Math**

MUST TAKE:

MATH 151 Calculus I
MATH 152 Calculus II
MATH 251 Intro to Linear Algebra
MATH 252 Calculus III
MATH 319 Euclidean Geometry Ancient - Modern
MATH 483 Complex Analysis

CHOOSE ONE:

MATH 120, SSCI 120, or PSY 120

CHOOSE ONE:

MATH 307 or MATH 321

CHOOSE ONE:

MATH 472 or MATH 473

RECOMMEND:

MATH 141 Discrete Mathematics

ALL-LEVEL EC-12 ART

*** Major in Art**

MUST TAKE:

ART 113	Art Fundamentals
ART 114	Drawing
ANTH 231	Western Art: Ancient to Medieval
ANTH 232	Western Art: Renaissance to Modern
ART 251	Painting
ART 495	Senior Conference

CHOOSE ONE:

ART 252 Sculpture or ART 255 Ceramics

ALL-LEVEL EC-12 Music

*** Major in Music**

MUST TAKE:

MUS 120	Music Theory I & Ear Training I
MUS 220	Music Theory II & Ear Training II
MUS 222	Music Theory III & Ear Training III
MUS 240	Music History through 1700
MUS 241	Music History 1700 through 1900
MUS 310	Instrumental Methods (.25 credit) to = 1 credit
MUS 342	20 th Century Music
MUS 361	Music in Elementary Schools

CHOOSE ONE:

MUS 357, MUS 365, MUS 359, or MUS 361

ALL-LEVEL EC-12 PHYSICAL EDUCATION

*** Major in Kinesiology**

MUST TAKE:

KINES 121	Intro to Exercise & Sport Studies
KINES 246	Nutrition for Health & Physical Activity
KINES 355	Teaching Movement Education in Elementary Schools
KINES 455	Senior Conference

ALL-LEVEL EC-12 SPANISH

*** Major in Spanish**

MUST TAKE:

SPAN 202	Intermediate Spanish
SPAN 227	Intermediate Conversation
SPAN 236	Advanced Spanish
SPAN 237	Advanced Conversation
SPAN 250	Intermediate Topics in Hispanic Civilization & Culture
SPAN 355	Peninsular Literature
SPAN 356	Spanish-American Literature

SPANISH ELECTIVE:

SPAN 350 or Above

ALL-LEVEL EC-12 THEATRE

*** Major in Theatre**

MUST TAKE:

THEA 142	Development of Dramatic Art I
THEA 143	Development of Dramatic Art II
THEA 221	Acting
THEA 352	Scene Design and Stage Lighting
THEA 353	Costume and Make-Up Design
THEA 471	Directing

RECOMMEND:

THEA 244 and/or COMM 221