

HIGH SCHOOL TEACHER CERTIFICATION - COMPUTER SCIENCE AND MATH (BS)

BS: HIGH SCHOOL TEACHER CERTIFICATION - COMPUTER SCIENCE AND MATHEMATICS (CSMT) (BS)

UNIVERSITY REQUIREMENTS

Please see the University Requirements section of this catalog (page 38).

MAJOR REQUIREMENTS

Computer Science

CS 111 Introduction to Computer Science	1
CS 120 Programming I.....	3
CS 130 Programming II	3
CS 220 Computer Organization	3
CS 230 Object-Oriented Programming.....	3
CS 332 Design and Analysis of Algorithms	3
CS 495 Senior Seminar (writing-intensive course)	3
2 course selections from the following options:	6
CS 352 Programming Languages	
CS 355 Compiler Construction	
CS 356 Operating Systems	
CS 374 Software Engineering	
TOTAL	25

Mathematics

MATH 185 Calculus I.....	(3) ¹
MATH 186 Calculus II	3
MATH 187 Calculus Computer Laboratory	1
MATH 227 Discrete Mathematics	3
MATH 286 Calculus III	3
MATH 309 Algebraic Concepts for Teachers	3
MATH 311 Geometric Concepts for Teachers	3
MATH 325 Linear Algebra	3
MATH 377 Statistical Methods I.....	3
TOTAL	22

Professional Education Requirements

EDUC 211 Educ. Found. and Multicultural Perspectives	3
EDUC 221 Educational Psychology	(3) ¹
EDUC 412 Secondary Curriculum and Media	3
EDUC 432 Secondary Management and Methods	3
<u>EDUC 476 Effective Strategies for English Language Learners</u>	<u>3</u>
EDUC 490 Student Teaching	6
READ 322 Reading in Secondary Content Areas.....	3
SPED 371 Teach. Students w/ Special Needs (writing-intensive)	3
TOTAL	24

ELECTIVES

Minimum	3
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Other Required Courses

PHYS 379 Philosophy, Religion and Science.....	(3) ¹
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CRITERIA FOR ADMISSION TO TEACHER EDUCATION

In accordance with Texas state law, students must meet the admission

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criteria described on page 119.

OTHER GRADUATION REQUIREMENTS

Minimum GPA in major	2.75
Minimum GPA for graduation	2.75
Minimum advanced hours	33
Minimum total hours	130

*Courses numbered 0** do not count in
minimum hours required for degree.*

Deleted: the ACU Teacher Education Program has established the following criteria for admission to Teacher Education. Before taking more than 6 hours EDUC a student must first be admitted to the Teacher Education Program. To be admitted to the Teacher Education Program, a student must:

Complete and submit an application for admission into the Teacher Education Program;

Have completed the first 45 semester hours of credit;

Successfully complete with a C or better 12 hours in the candidate's chosen content field;

Have a minimum Grade Point Average (GPA) of 2.75 (2.75 or higher in the content field);

Complete 6 hours of University Requirements English with no grade lower than a "C" (In order to maintain admission status the candidate must earn a C or better in all university required English courses.);

Pass all three sections of the Texas Higher Education Assessment (THEA) test, with a score on the reading section of 260 or higher, a score on the math section of 230 or higher and a score on the writing section of 240 or higher; Students may retake the THEA once if the required level is not earned in the first administration. Acceptance of scores from a third administration of the THEA are subject to review by the Teacher Education Admissions Committee;

Successfully complete (C or better) EDUC 211 - Educational Foundations and Multicultural Perspectives;

Successfully complete first submission of the Teacher Education E-portfolio as described in the ACU Teacher Education Student Handbook;

A declared major that includes certification;

Receive approval from the Teacher Education Admissions and Review Committee. An interview with the committee may be required.

English Language Proficiency Requirement for International Students: International students with primary languages other than English must demonstrate English language proficiency by the following:

Obtain an official TOEFL score of at least 600 (computer-based score of 250, iBT of 100).

Any exemptions or modification to the above requirements due to special circumstances must be requested through the chair of the Department of Teacher Education. All requests will be reviewed and must be approved by the Teacher Education Admissions and Review Committee. In addition, admission to teacher education is not the final step in the process. In order to remain in the program the prospective teacher must continue to meet the GPA requirement (2.75). Approval to take Education Block classes (411/412 and 431/432) and to enroll in student teaching must be obtained from the Teacher Education Admissions and Review Committee before enrolling in those classes.

Additional requirements for maintaining program admission status:

In order to remain in the Teacher Education Program, an overall GPA of 2.75, 2.75 in the content field, and continued approval of the Teacher Education Admissions Committee must be maintained.

A grade of C or better is required for all majors courses.

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A grade of C or better is required for all majors courses.

Junior and senior transfer students must take the THEA and be admitted to the Teacher Education Program during their first semester at Abilene Christian University to continue in professional education course work. Arrangements to take the THEA should be made as quickly as possible by contacting the Office of Academic Development.

Note:

A candidate who does not have an overall GPA of 2.75 or higher **may** be conditionally admitted to the program if **all** other admissions criteria are met and if **all** of the following are true:

An overall GPA of 2.7 or higher in the last 60 hours;

A GPA of 2.75 in the teaching content field;

No university disciplinary actions filed – academic or otherwise;

A formal letter of request submitted to the admissions committee describing the candidate's academic history and articulating motivations for wanting to enter the teaching profession;

An interview with the Teacher Education Admissions Committee.