

# University of Houston Clear Lake

## School of Education • Graduate Teacher Certification Grades 8-12 Mathematics (37-78 hours)

To be eligible for admission to a graduate teacher certification plan, students must hold a bachelor's degree from an accredited university and also be pursuing a master's degree. Students must meet the graduate admissions requirements for both the university and the School of Education. Graduate teacher certification students must maintain graduate academic standards and pay graduate tuition rates. The courses in bold on this plan may also be applied to a master's degree. Please refer to the catalog for course descriptions, prerequisites, and admission requirements to Teacher Education Program. Any changes made by the University of Houston-Clear Lake or the State of Texas in interpreting the rulings on certification may supercede the requirements of this plan.

### **PREREQUISITES TO THE TEACHER EDUCATION PROGRAM (9-12 hours)**

EDUC 4130 – Theories of Educational Psychology (F/Sp/Su)

**TCED 6031**/INST 3133 – Applications of Technology in the Classroom (F/Sp/Su)

**SILC 6030**/4135 – Foundations of Multicultural Education (F/Sp/Su)

Public Speaking or speech competency form

TASP/THEA Test – or conferral of a master's degree or higher from an accredited university

Minimum scores: Reading - 260, Writing - 230, Mathematics - 230

ABC Workshop – available online at [www.uhcl.edu/soe](http://www.uhcl.edu/soe)

Teacher Education Program (TEP) application – available in the online ABC Workshop information ([www.uhcl.edu/soe](http://www.uhcl.edu/soe))

### **CONTENT AREA COURSES (0-35 hours): Overall 2.50 GPA required in content area courses**

**\*If Content Area State Assessment is NOT passed on FIRST attempt, then the following will be required:<sup>1</sup>**

MATH 2413 – Calculus I

MATH 2414 – Calculus II

MATH 3034 – Algebra Through Technology (F)

MATH 3035 – Euclidian and Non-Euclidian Geometry (Sp)

MATH 3131 – Applied Linear Algebra (F/Sp/Su)

MATH 4434 – Introduction to Probability (F/even Sp)

Choose 5 courses from: MATH 3231, 4031, 4131, 4132, 4135, 4136, 4231, 4232, 4235, 4435

### **OTHER REQUIRED COURSES (16 hours)**

**LLS 5135**/4132 – Developmental Reading Programs for Secondary Schools (F/Sp)

**LLS 5531**/4531 – Critical Reading and Thinking (F/Sp/Su)

Choose one course in a scientific programming language (C++, C, JAVA, VISUAL BASIC, BASIC, FORTRAN or PASCAL)

SPED 5030/4030 – Survey of Individual Differences (F/Sp/Su)

**TCED 5530** – Adolescent Development and Curriculum (Sp/Su)

TCED 4012<sup>2</sup> – Senior Seminar for 4-8 & 8-12 (***requires admission to TEP***) (F/Sp/Su)

### **PEDAGOGY (15 hours): Admission to TEP required and 3.0 GPA required in Pedagogy courses (offered Fall/Spring only)**

TCED 5236/4633 – Mathematics Methods for the Secondary Grades (Fall only)

Internship Experiences: **See back for additional information and requirements**

Option 1: TCED 4738 – Preservice Internship I (*every Wednesday in the public school*) and

TCED 4798 – Preservice Internship II (*every day in the public school*)

Option 2: Successful completion of the UHCL Alternative Certification Program (ACP)

TCED 4768 – ACP Internship I

TCED 4769 – ACP Internship II

### **PASSING SCORES ON THE APPROPRIATE STATE ASSESSMENTS – TEXAS EXAMINATIONS OF EDUCATOR STANDARDS**

8-12 Mathematics TExES #135

8-12 Pedagogy & Professional Responsibilities TExES #130

<sup>1</sup> - If required, a minimum of 12 hours of Content courses must be taken at UHCL

<sup>2</sup> - Candidates not passing the State Assessments by the final semester of this plan must enroll in and successfully complete this course. Candidates passing the State Assessments by the final semester of this plan will have this course waived.

**Graduate Teacher Certification candidates may choose between two options for completion of the capstone experience required for Texas teacher certification at UHCL.**

**Option 1 – Preservice Internship I and II**

- Follow Graduate Teacher Certification Plan for course requirements
- One-year Internship (Internship I and II) taken the last two semesters
- Fall or Spring Semester start date
- Must meet Internship application deadlines: **March 1** for Fall internship and **October 1** for Spring internship
- All pedagogy coursework must be completed prior to the start of Internship II
- No more than 6 hours non-pedagogy coursework can be taken with Internship II
- Supervision by UHCL University Facilitator, UHCL Trained Professional Development Site Supervisor and public school mentor
- Highly mentored and supported program by 11 member school districts and UHCL faculty
- Non-paid internship experience

**Option 2 – Alternative Certification Program Internship (ACP)**

- Follow Graduate Teacher Certification Plan for course requirements
- \$60 application fee (non-refundable)
- Must pass content area State Assessment before admission to ACP (\$82 fee)
- Overall GPA of a 2.500 or a 2.500 in the final 60 hours, including all the courses taken in the semester in which the 60th hour is taken
- Must meet posted ACP program and application deadlines
- One to three-year supervised, paid internship. Candidate must seek full-time teaching position with a UHCL member district as a Teacher of Record in the area and at the level of certification being sought
- Register for ACP Internship course each Fall and Spring semesters
- All certification coursework must be completed within three years
- Supervision by University Supervisor and UHCL trained public school mentor
- Full-time pay minus graduate tuition and fees and \$3000 program fee
- Refer to the School of Education’s ACP website for additional information: [www.uhcl.edu/soe](http://www.uhcl.edu/soe). Look under the “Plans” menu for the ACP web page
- Must be admitted to Teacher Education Program within 12 months of starting ACP