REQUEST TO ADD AN UNDERGRADUATE ACADEMIC CERTIFICATE PROGRAM AND/OR REQUEST FOR RECOGNITION ON THE UNIVERSITY TRANSCRIPTS

1. Type of Proposal
   - X New Certificate Program (requiring THECB notification only)
   - Change an Existing Certificate Program
   - Delete a Program

2. Scope of Proposed Change
   a. Does this proposal impact other colleges/schools? If yes, then how?  Yes___ No___
      The proposed certificate is made up of the professional development sequence that students already take. We anticipate no change or a modest increase in need for seats if the certificate is approved.
   b. Will students in other degree programs be impacted (are the proposed changes to courses commonly taken by students in other colleges)? If yes, explain? Yes___ No___
      The proposed certificate is made up of the professional development sequence that students already take. We anticipate no change or a modest increase in need for seats if the certificate is approved. We do not anticipate a modest increase to be beyond current capacity for the courses.
   c. Will students from your college take courses in other colleges?  Yes___ No___
      The proposed certificate is made up of the professional development sequence that students already take. We anticipate no change or a modest increase in need for seats if the certificate is approved.

If the answer to 2a, 2b, or 2c is “yes”:
How many students do you expect to be impacted? Zero. The proposed certificate is made up of the professional development sequence that students already take in the existing UTeach Program.
Impacted schools must be contacted and their response(s) included:
   Person communicated with:
   Date of communication:
   Response:

3. Official Certificate Name: The UTeach Natural Sciences Secondary Teaching Option Certificate

4. Proposed Implementation Date: Fall 2014

5. CIP Code (administrative unit awarding the certificate): UTeach Program in Natural Sciences

6. Statement of Objective: The UTeach Natural Sciences program offers a secondary teaching option certificate to majors who intend to teach at the Middle or High School level. There is a consistent overwhelming demand for Science, Technology, Engineering, and Mathematics (STEM) teachers in the state of Texas. The UTeach Program is known for producing highly qualified STEM teachers. Each semester, various school districts from around the state come to the university specifically to recruit our graduates. By creating this certificate, students can receive direct transcript recognition for their work.

   Note that earning the UTeach certificate is not, in itself, all that is needed for student recommendation of teacher certification to the state. Students must also complete their degree, having taken certain content specific courses based on the discipline of study and must take required state certification examinations. UTeach advisors can provide specific information about these requirements.

7. Number of Students Expected to Receive the Certificate Each Semester: Approximately 100

8. Number of Hours Required for Completion: 24 Semester Hours

9. List Faculty on the Certificate Program Faculty Committee:

<table>
<thead>
<tr>
<th>Name of Faculty Member</th>
<th>College/Department</th>
<th>Title at UT Austin</th>
<th>Highest Degree and Awarding Institution</th>
</tr>
</thead>
</table>

Impact statement #2 last modified February 13, 2012.
10. **Academic Course Requirements** Use this table to identify the courses that qualify for this certificate program.

<table>
<thead>
<tr>
<th>Course Abbreviation and Number</th>
<th>Course Title</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 337 (Topic 2), CH 368 (Topic 1), or PHY 341 (Topic 7)</td>
<td>Research Methods: UTeach</td>
<td>3</td>
</tr>
<tr>
<td>HIS 329U or PHL 329U</td>
<td>Perspectives on Science and Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>UTS 101</td>
<td>Secondary Teacher Education Preparation: STEP 1</td>
<td>1</td>
</tr>
<tr>
<td>UTS 110</td>
<td>Secondary Teacher Education Preparation: STEP 2</td>
<td>1</td>
</tr>
<tr>
<td>UTS 170</td>
<td>Student Teaching Seminar</td>
<td>1</td>
</tr>
<tr>
<td>EDC 650S</td>
<td>Secondary School Teaching Practicum</td>
<td>6</td>
</tr>
<tr>
<td>EDC 365C or UTS 350</td>
<td>Knowing and Learning in Math and Science</td>
<td>3</td>
</tr>
<tr>
<td>EDC 365D or UTS 355</td>
<td>Classroom Interactions</td>
<td>3</td>
</tr>
<tr>
<td>EDC 365E or UTS 360</td>
<td>Project-Based Instruction</td>
<td>3</td>
</tr>
</tbody>
</table>

11. **Other Certificate Requirements:**
To graduate and be recommended for senior grades certification, the student must have a University grade point average of at least 2.50. Students must adhere to current certification requirements, even if they differ from those listed in a University catalog. There are also certain discipline specific content courses for various subject certifications. Students must pass a final teaching portfolio review to be recommended for certification. Consultation with a UTeach advisor is necessary to ensure that these requirements will be met.

12. **Give a Detailed Rationale for Change(s):** The UTeach Natural Sciences program offers a secondary teaching option certificate to majors who intend to teach at the Middle or High School level. There is a consistent overwhelming demand for Science, Technology, Engineering, and Mathematics (STEM) teachers in the state of Texas. The UTeach Program is known for producing highly qualified STEM teachers. Each semester, various school districts from around the state come to the university specifically to recruit our graduates. By creating this certificate, students can receive direct transcript recognition for their work.
The UTeach Natural Sciences Secondary Teaching Option Certificate

The UTeach Natural Sciences program offers a secondary teaching option certificate to students who intend to teach at the Middle or High School level.

The following coursework is required, with grades of at least C-.

1. One of the following courses: Biology 337 (Topic 2: Research Methods: UTeach), Chemistry 368 (Topic1: Research Methods: UTeach), and Physics 341 (Topic 7: Research Methods: UTeach).
2. History 329U or Philosophy 329U.
3. Eighteen hours of professional development coursework, consisting of:
   a. Curriculum and Instruction 650S.
   b. Curriculum and Instruction 365C or UTeach-Natural Sciences 350.
   c. Curriculum and Instruction 365D or UTeach-Natural Sciences 355.
   d. Curriculum and Instruction 365E or UTeach-Natural Sciences 360.
   e. UTeach-Natural Sciences 101, 110, and 170.
4. In addition, students must meet the following requirements to graduate and be recommended for certification:
   a. University grade point average of at least 2.50.
   b. Successful completion of secondary teacher certification and identified discipline specific content courses.
   c. Successful passing of the final teaching portfolio review, conducted by the UTeach Program in Natural Sciences.

Special Requirements

Students who successfully complete this certificate may be eligible for recommendation for state teaching certification if they have met all professional development and discipline specific content courses. Students seeking middle grades certification must also complete the following courses with grades of at least C-: Educational Psychology 363M (Topic 3: Adolescent Development) or Psychology 301 and 304; and Curriculum and Instruction 339E. Students must adhere to current state certification requirements, even if they differ from those listed in a University catalog. For more information about these requirements, students should consult with the UTeach-Natural Sciences academic adviser.
Please include a draft of the catalog copy immediately following the above form. If this is an update of an existing copy, the draft should be based on the text of the current catalog available at: http://www.utexas.edu/faculty/council/2012-2013/uc_change/cat_copy/catcopy.html. Strike through and replace only the specific language to be changed. Submit form electronically to the Office of the General Faculty and Faculty Council at fc@austin.utexas.edu. For questions, please also email or call 471-5936.

1 Minimum Criteria for Certificate Recognition on the Transcript
a) The transcript-recognized undergraduate academic certificate program must be completed in conjunction with or within one year of completion of an undergraduate degree at The University of Texas at Austin; students pursuing an integrated undergraduate/graduate program must complete the requirements for the certificate within one year after completing the undergraduate requirements of their program. A maximum of nine credit hours in the certificate program may be taken after completion of the undergraduate degree.

b) Transcript-recognized undergraduate academic certificate programs must require a minimum of 18 hours of certificate course work, but not more than 24 hours.

c) At least half of the required coursework in the certificate program must be completed in residence at The University of Texas at Austin.

d) A student may not earn a certificate in the same field of study as his or her major, and at least one course required in the certificate program must be outside the requirements of the major. However, courses in the certificate program outside the major may fulfill other degree requirements such as general education requirements or required elective hours.

e) Students apply for transcript recognized undergraduate academic certificates at the time they complete their undergraduate degree or the certificate program, whichever comes later. Transcript recognition is awarded at that time.


3 Certificates will not appear on the University transcripts until next catalog.

4 Use the federal CIP code selector site to pick a code, http://nces.ed.gov/ipeds/cipcode. After all other areas of this form are completed, forward a copy to Information Management and Analysis (IMA) IMA@austin.utexas.edu with a request to verify the CIP code (“CIP CODE” in the subject line). Include your contact information, so an IMA member may contact you with any questions.

5 Include heading in Undergraduate Catalog where changes will be made.

6 See footnote 1b above: 18-24 hours are required.

7 For inclusion on transcripts, the faculty committee must have a minimum of five members and at least 2/3 of the committee must be tenured or tenure-track.

Note with an asterisk those faculty members who are tenured or tenure-track. Please also note the program chair who will be responsible for authorizing the students’ certificates. Specify changes to the committee membership by noting those no longer on the committee and those added to the committee. (Add and delete rows as needed.)

8 Note with an asterisk (*) courses that would be added if the certificate program is approved. Specify changes to the qualifying courses by noting those no longer qualifying and those now qualifying. (Add and delete rows as needed.) If the course numbers and titles change on a regular basis, please indicate the types of courses and number of hours for required for each.

Note with a hashtag (#) courses that require a prerequisite and provide the prerequisite course numbers.

Impact statement #2 last modified February 13, 2012.