

## UMBC UGC New Course Request: BTEC 399

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Proposed Effective Date: 8/1/21

	Name	Email	Phone	Dept
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### COURSE INFORMATION:

Course Number(s)	399
Formal Title	Tutorial Projects in Translational Life Science Technology
Transcript Title (≤30c)	Tutorial Projects in TLST
Recommended Course Preparation	
Prerequisite <b>NOTE:</b> Unless otherwise indicated, a prerequisite is assumed to be passed with a "D" or better.	BTEC 300. Requires Program Director approval.
# of Credits Must adhere to the <a href="#">UMBC Credit Hour Policy</a>	1-4
Repeatable for additional credit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Max. Total Credits	4 <small>This should be equal to the number of credits for courses that cannot be repeated for credit. For courses that may be repeated for credit, enter the maximum total number of credits a student can receive from this course. E.g., enter 6 credits for a 3 credit course that may be taken a second time for credit, but not for a third time. Please note that this does NOT refer to how many times a class may be retaken for a higher grade.</small>
Grading Method(s)	<input checked="" type="checkbox"/> Reg (A-F) <input type="checkbox"/> Audit <input type="checkbox"/> Pass-Fail

### PROPOSED CATALOG DESCRIPTION (Approximately 75 words in length. Please use full sentences.):

Independent tutorial based either on a current TLST course or on an independent study topic identified by the student and accepted by a TLST faculty member. Approved courses will have variable credit, depending upon the relevant TLST course or proposed course outline. All proposals must have the approval an associated TLST faculty member and be approved by the TLST Program Director.

### RATIONALE FOR NEW COURSE:

This course is needed to provide flexibility in the TLST program by allowing regular TLST courses to be taught outside of the usual schedule and to allow a student to identify an area of specialized interest for study. It will be taught occasionally, depending upon need and student demand, though it is not likely to be common. This course is intended for TLST majors who have already completed some TLST coursework. BTEC 300 is identified as a recommended course preparation, as it is a survey course required for all incoming TLST students. The course is listed as regular grading. The credit hours will be dependent upon the credit hours for the typical TLST course or as described in the course outline for novel independent study classes.

**ATTACH COURSE SYLLABUS (mandatory):**

## BTEC 399 Tutorial Projects in TLST

Instructor: Elizabeth Friar, Ph.D.

Office: BSE 3104

Phone: 240-665-6461

Email: [efriar1@umbc.edu](mailto:efriar1@umbc.edu)

Office Hours: by appointment. Email to arrange a time.

**Course Description:** Tutorial Projects provide opportunities for upper level students to study an area of Translational Life Science Technology either as a regular TLST course not offered in that semester or as a novel course of study that has been proposed by the student and approved by a TLST faculty member.

**Course Objectives:** The goal of this course is to provide TLST majors (and potentially other interested students) with the opportunity to develop their own independent course to study either an established TLST course outside of the normal course schedule or a novel topic of their own choice, with the support and feedback from an experienced faculty member. Students in this course (1) identify a topic of study and appropriate faculty supervisor; (2) for a novel course of study, do the background research and provide a proposed course outline to the faculty supervisor, including proposed readings; (3) complete proposed readings and coursework under the supervision of the relevant faculty member; and (4) write an integrative summary paper of the topic, which may take the form of a literature review.

**Learning Outcomes:** Students who complete the BTEC 399 Tutorial Projects in TLST will have achieved the following:

- Develop an in-depth understanding of an area of translational science that may not be covered in the regular curriculum
- The ability to set goals for themselves and work, with the assistance of a supervisor, towards those goals
- The ability to write an in-depth literature review for an area of translational science
- A chance to explore a novel area of translational science

**Prerequisites:** You must complete BTEC 300 with a C or better, and have permission of the Program Director and the supervising faculty member.

**Difference between BTEC 399 and BTEC 490:** They are similar. BTEC 399 is designed to be student-driven to allow a senior TLST student explore a topic in translational chosen by the student and explored one-on-one with a supervising faculty member. BTEC 490 is designed to allow an instructor to teach a specialized course in their area of interest in translational science or allow team study of a specialized topic. This course would be open to TLST majors and potentially other interested students.

### Course Requirements:

1. The student must complete the agreed-upon reading material and all writing assignments prior to the end of the grading period.
2. The student will submit weekly status reports to Blackboard.

3. Assignments/meetings may include, but are not limited to:
  - a. Article reviews and/or an annotated bibliography of readings
    - i. For this course, you are expected to provide a brief write-up for each reading. At minimum, the write-up should be typed clearly, using proper grammar and spelling, and all referenced material must be accurately referenced. These write-ups should be submitted to Blackboard.
  - b. Weekly or every-other week meetings with the supervising faculty member and weekly status reports to formally let the instructor know how you're doing.
  - c. Schedule/Timeline – see above item. Some structure may be imposed by the course instructor.
  - d. Final paper. Details will vary depending on the number of credits and the goals and objectives of the students.
    - i. Be careful to correctly cite all information from cited works. Do not quote, but rephrase all information in your own words. Papers may be checked using plagiarism-detecting software.

**Grading:** Grading for this course is Regular. Grading is based on the completion of weekly status reports, completion of article reviews, attending weekly or every-other-week meetings with the instructor, completion of the final paper, and quality of all of the written material. It is expected that the article reviews will represent about 40% of the final grade, the final paper 50% of the final grade, and participation in attending weekly or every-other week meetings will be 10% of the final grade.

**Due Dates:** All assignments are to be handed in by the due date to Blackboard, as agreed upon between the student and instructor. If an assignment is late, the instructor has the right to subtract up to 1 letter grade per day late. The final paper is due one week prior to the last scheduled day of classes. If some situation beyond your control will make it (or any of the individual Article Reviews) late, you must get the instructor's permission to extend the date.

**Please see the document, "UMBC Policies and Resources during COVID"** for information on Technology Support, Safety, Academic Integrity, Disability Accommodations, and a variety of other topics.