

Laboratory Experience [L] Designation Approval

Student Name: _____ ID: _____

A transfer course that is deemed by Bates to be equivalent to an existing Bates course automatically carries the same general education credit as does the equivalent course at Bates. Therefore, if the equivalent course at Bates carries [L] credit, this form is not needed.

Students seeking "Laboratory Experience" [L] general education credit for a course that is NOT equivalent to a Bates course should ask the chair of the relevant Bates department or program to complete this form based on course materials and descriptions provided by the student. The student should then submit the completed form to the Registrar's office. The Bates SLQ committee will make the final determination of whether [L] credit is granted for the transfer course.

To qualify for designation as a laboratory or fieldwork course, at least one-quarter of the total number of hours the class meets should be devoted to laboratory or fieldwork activities. In addition, the laboratory or fieldwork component should provide students with hands-on experience in making their own measurements or observations, engage students in evaluating the quality of data or observations, and encourage students to think critically about how conclusions can be drawn from available scientific evidence.

To qualify as an 'L' course, the Scientific Reasoning and Quantitative Literacy Committee anticipates that at least three of these criteria should be met. If the course does not meet at least three of the criteria but you think it should still qualify for an 'L' designation, please use the comments area to provide an explanation. Note that scientific evidence as used here is defined as data collected or observations made in a systematic way.

- 1. This course includes a laboratory or field work component that engages students in the design of experiments or in making their own measurements or observations.
- 2. This course includes a laboratory or field work component that engages students in the consideration of the factors which render data or observations valid for use as scientific evidence.
- 3. This course includes a laboratory or field work component that teaches students how to critically evaluate data or observations and think critically about the conclusions that can be drawn from data or observations.
- 4. This course includes a laboratory or field work component that demonstrates the predictability and reproducibility of outcomes, based upon prior measurements or observations.

Comments: _____

Signature - Department/Program Chair

Dept/Prog

Date

Signature - S,L,Q Committee

S,L,Q Committee
Committee

Date