

ACADEMIC AND STUDENT AFFAIRS

COMMITTEE MEETING MATERIALS

AGENDA ITEM TITLE: Notice of Intent, Computer Science Education Undergraduate Certificate, Alexander

- PUBLIC SESSION
- EXECUTIVE SESSION

PREVIOUSLY DISCUSSED BY COMMITTEE:

- Yes
- No

FOR FULL BOARD CONSIDERATION:

- Yes Proposed meeting date November 2018
[Note: If yes, materials will also be included in the full UW Board of Trustee report.]
- No

Attachments/materials are provided in advance of the meeting.

EXECUTIVE SUMMARY:

A Notice of Intent will be presented for a new proposed Computer Science Education Undergraduate Certificate. This certificate will package currently-offered Computer Science coursework from the College of Engineering and Applied Sciences with a Methods course in the Education college. The certificate will allow in-service teachers the opportunity to obtain the coursework necessary for a computer science teaching endorsement in Wyoming. It will include 20 hours of existing coursework and requires the conversion of three courses for online delivery. The proposed certificate will be an important piece of the pipeline for endorsing computer science teachers in Wyoming K-12 schools. The courses in the program are also used in the existing computer science endorsement program, but that is only available to students who are undergraduates at the University of Wyoming, so it effectively locks out teachers who are currently teaching in Wyoming high schools. The proposed certificate program will allow the university to reach those teachers and help them earn their endorsement so they can offer computer science courses in addition to the other courses they are currently teaching, e.g., math, science, or business.

WHY THIS ITEM IS BEFORE THE COMMITTEE:

University Regulations require that new academic programs are approved by the Board of Trustees. This committee is the designated committee for consideration.

ACTION REQUIRED AT THIS COMMITTEE MEETING:

Approval of the feasibility study for the Bachelors of General Studies

PROPOSED MOTION:

“I move the Academic and Student Affairs Committee approves the Notice of Intent for the Computer Science Education Undergraduate Certificate and that the full Board review this Notice.