

Indiana University School of Education
Committee on Teacher Education

COMPUTER SCIENCE AREA OF CONCENTRATION PROPOSAL

During the Committee's discussion on January 12th with respect to the proposal for revision of the computer science license addition, it was proposed that consideration be given to a subset of the license addition courses as an "area of concentration" in the elementary program. As a part of the elementary program, candidates are required to complete a content area of concentration in an area of the Indiana P-12 elementary curriculum. Given the new Indiana standards in computer science and associated interest in STEM education, the idea to offer a computer science area of concentration seemed appropriate.

The computer science area of concentration would require:

- EDUC-W200, *Using Computers in Education*, 3cr
- EDUC-W210, *Introduction to K-12 Computing, Computer Science, and Technology Integration*, 3cr
- EDUC-W220, *Computer Science and Programming in K-12 Classrooms*, 3cr
- EDUC-W310, *K-12 Computing and Computer Science Teaching Methods*, 3cr

The Committee passed this proposal at its meeting January 12, 2021.

The IST Department approved the area of concentration proposal unanimously via email (A. Leftwich communication 2.5.21)