LEARNING OUTCOMES: TEACHING OF PHYSICS

Learning Outcomes for the degree of Master of Science in Teaching of Physics

Illinois Physics MS Teaching in Physics graduates will have:

1. a firm foundation in core physics, math, and current physics research topics;
2. an ability to work collaboratively with a diverse team;
3. an ability to teach and mentor others effectively;
4. an understanding of the student's professional and scientific ethical responsibilities;
5. some exposure to modern educational methods; 6) an ability to communicate—both orally and in writing—scientific topics effectively to specialists in the student's research subfield, to scientifically literate non-specialists, and to the general public (outreach).