The Next Generation Science Standards are not just another set of standards. They are derived from a detailed framework for K-12 science education based on current research on science and science learning. Accordingly, they are a new way of planning and implementing the teaching of science. In this course designed for teachers of science in the K-12 classroom the new model known as the NGSS will be explored. The performance expectations of the NGSS require a shift in pedagogy and instructional sequence that will give K-12 students the opportunity to learn the content specified in the NGSS. For teachers of science this means making sense of, and integrating, science and engineering practices, disciplinary core ideas, and crosscutting concepts. This three hour workshop-style course will introduce you to the new standards and help guide you toward reforming curriculum and instruction within your classroom. This course sets the stage for lesson and unit development, the next level of NGSS expertise and practice.

**TLCI 590A: Workshop in Curriculum NGSS in the K-12 Classroom**

3 Semester Hours Graduate Credit

**Location:** DeKalb Campus

**Date and Time:** Monday and Wednesday, June 15 – July 12

9:00 a.m. to 4:00 p.m.

**Instructor:** Dr. Jill Carter

**Description:** Practical experience with the Next Generation Science Standards. In this hands-on “NGSS 101” workshop setting classroom teachers will unpack the new science standards and explore the implications for classroom practice.

Current students may register for this course through their MyNIU accounts.

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http://www.grad.niu.edu/grad/apply/index.shtml

**Questions may be directed to:**

Dr. Bob Carter, carter@niu.edu

or 815-753-9070

The Next Generation Science Standards