

observations in the Grand Teton region. We use AMK Ranch for lectures, discussions, group dinners, sleeping quarters, and as a central base for Teton area activities, including rafting on the Snake River (photo above).

### ✦ CLASS OBJECTIVES

The general objectives of the course are to help incoming graduate students get acquainted with the nearby landscape, the people in the Department of Watershed Sciences, some of the broader concepts and questions that define Watershed Science, and some of the techniques that USU faculty use to answer those questions.

A sampling of the techniques demonstrated:

- Terrestrial laser scanning,
- Real-time kinematic GPS,
- Collection of visible and IR aerial photography using drone aircraft,
- Field mapping,
- Soil evaluation,
- Collection and analysis of climate data,
- Fish and macroinvertebrate sampling, and
- Water quality monitoring.

