

Summer Dendrochronology Courses at the University of Arizona LTRR 2017

**LABORATORY
OF TREE-RING
RESEARCH**
UASCIENCE

Every tree has a story to tell. Dendrochronology is the study of natural and human processes that are recorded in the annual growth rings of trees. This tree-ring record is archived thanks to the remarkable preservation qualities of wood, and across the wide geographical distribution of trees. Through the science of dendrochronology, a broad range of ecological, climatic, geological, and cultural phenomena can be reconstructed and analyzed with high spatial and temporal resolution.

The Laboratory of Tree-Ring Research (LTRR) is offering summer courses in dendrochronology, including studies in dendroclimatology, dendroecology, and dendroarchaeology. Classes will convene May 15 - June 2, 2017.

The three-week intensive courses will introduce students to theory, laboratory and field techniques, and current research in each subfield. Courses will be based at the LTRR (www.ltrr.arizona.edu) with field trips to sites in the Southwest region. Lectures will be presented by course instructors and other leading LTRR scientists. Course readings are drawn primarily from the published literature. Classes are designed for graduate students as well as faculty, postdoctoral researchers, and working professionals with suitable backgrounds as well as advanced undergraduate students in related fields. Contact course instructors (see below) for prerequisites.

Registration and logistics: Courses are offered as both a non-credit workshop or can be taken for university credit by registering with the University of Arizona (current students: uaccess.arizona.edu; non-UA degree seeking students: <https://admissions.arizona.edu/OnlineApplication/ola/>).

Course numbers are:

- **Dendroclimatology:** GEOS 497i/597i (geosciences)
- **Dendroecology:** GEOS 497k/597k (geosciences)
- **Dendroarchaeology:** ANTH/GEOS 497j/597j (anthropology and geosciences)

Prospective students should contact the instructor of the course of interest for course specifics and to obtain permission to register.

**PLEASE RESPOND ASAP AND NO LATER THAN March 15, 2017 TO REGISTER;
REGISTRATION WILL CONTINUE UNTIL COURSES ARE FULL**

Tuition will be payable to the University of Arizona upon acceptance into the course by the instructors and submission of application materials. Off-campus housing is available and must be arranged separately. All international students or those requiring special arrangements to participate should contact one of the instructors as soon as possible, prior to registration. Additional details will be posted periodically at <http://www.ltrr.arizona.edu/summerschool/>.

For registration, housing, and general information, please contact the Summer School Coordinator at summercoordinator@ltrr.arizona.edu or +1-520-621-1608.

Course Instructors and section:

- **Dendroclimatology:** Ramzi Touchan (rtouchan@ltrr.arizona.edu)
with David Meko (dmeko@ltrr.arizona.edu).
- **Dendroecology:** Paul Sheppard (sheppard@ltrr.arizona.edu)
with Jesse Minor (jminor@email.arizona.edu).
- **Dendroarchaeology:** Ron Towner (rtowner@ltrr.arizona.edu).



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