Dendrochronology is the study of natural and human processes recorded in the annual growth rings of trees. The tree-ring record is available due to the remarkable preservation of wood in many environments, and across the wide geographical distribution of trees. Using 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 three (3) summer courses in dendrochronology, focusing on dendroclimatology, dendroecology, and dendroarchaeology. These three-week intensive courses introduce students to theory, laboratory and field techniques of dendrochronology, along with current research applications in each subfield. Lectures will be presented by course instructors and other leading LTRR scientists.

Classes are designed for graduate students as well as faculty, postdoctoral researchers, and working professionals. Undergraduates with suitable backgrounds are encouraged to apply. Please contact course instructors (see below) for questions about course content and prerequisites.

Course schedule: May 14th – June 1st, 2018.
Courses will be based at the LTRR (www.ltrr.arizona.edu) with a multi-day field trip to sites in the Southwest region.

Registration and logistics: Courses can be taken for university credit by registering with the University of Arizona.

Students receive 3 graduate credits and course numbers are:
• Dendroclimatology: GEOS 497i/597i (Geosciences)
• Dendroecology: GEOS 497k/597k (Geosciences)
• Dendroarchaeology: ANTH/GEOS 497j/597j (Anthropology and Geosciences)

Tuition and fees (~ $1,600) will be payable to the University of Arizona upon acceptance into the course and submission of application materials. The course is also available as a non-credit workshop for $1,300.

Lodging is the responsibility of the participant, and there are plenty of reasonable nearby housing options.

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

Course Instructors:
• Dendroclimatology: Ramzi Touchan (rtouchan@ltrr.arizona.edu) with David Meko (dmeko@ltrr.arizona.edu).
• Dendroecology: Erica Bigio (bigio@email.arizona.edu) with Don Falk, Margaret Evans and Ann Lynch.
• Dendroarchaeology: Ron Towner (rtowner@ltrr.arizona.edu)