New Summer Pilot Course – 2013

Biodiversity Informatics

(BIO 494 / BIO 598 – 2 Credits)

June 17-28, Monday-Thursday, 1:30-4:45 pm, LSC 180

Open to Undergraduate and Graduate Students

Instructors: Nico Franz, David Patterson, Ed Gilbert

Contact nico.franz@asu.edu for additional information

Biodiversity informatics is the discipline of managing information about the diversity of Life. This is an emerging discipline; there will be an expanding market for students knowledgeable in this field.

The course is suited to advanced undergraduates and graduate students interested in biodiversity, conservation biology, data management, large scale challenges, and digital biology.

This will be an active learning course with the entire class working as a single team to realize a project goal. Presentations and discussions on 10 relevant sub-themes will be included (e.g. visualization), and ad hoc presentations will be provided in response to student demand. The course will culminate in a short conference that will allow students to meet and talk with some of the people that they have been hearing about.