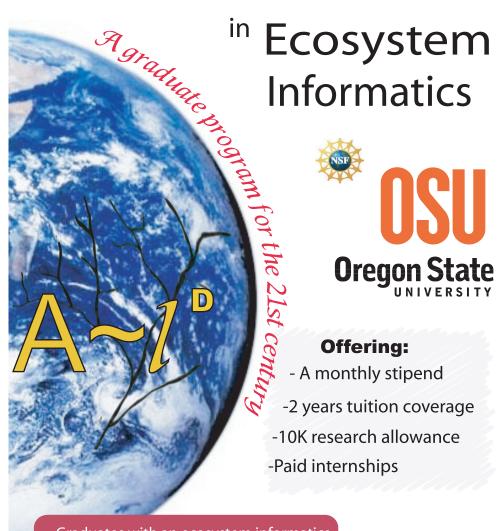
MATHEMATICS PhD DEGREE SUPPORT



Graduates with an ecosystem informatics minor will be well prepared and highly sought after for positions in local, state, federal, and international agencies and universities thus broadening the relevance and employment opportunities for the Ph.D. degree in mathematics.

OSU has the only Ecosystem Informatics program in the nation. It applies the tools and concepts of mathematics and computer science to the ecological sciences. Students are working on exciting and timely projects such as:

River Basin Informatics/ Watershed Management -Mathematical, computational and data intensive resources are utilized for modeling and analysis of landform responses to natural and/or engineered forcings.

Financial Valuation of
Natural Resources Financial and policy
instruments are used to
manage resources, e.g.
fisheries, forest harvests.
Questions involving the
financial, environmental,
and social valuation of
policies are identified
which require modeling
and analysis of the physical, biological, and
economic characteristics
of the resource.

While only samples of problems in Ecosystem Informatics, the need for significant contributions to the environmental problems of the 21st century presents a diverse array of new opportunities for mathematically inclined PhD students - in a university recognized for world leadership in many areas of the ecosystem sciences.

www.geo.oregonstate.edu/igert