BIOLOGICAL MODELING

GEOG 468*, ANSC 449, CPSC 448, IB 491

FALL 2014 - 2nd Eight Weeks:
Begins Oct 20th
10:00 – 12:20 MW
338 Davenport Hall

ADD SYSTEMS THINKING TO YOUR LITERATE AND NUMERATE SKILLS.
ADD A DYNAMIC MODEL TO YOUR MS OR PHD THESIS.
LEARN TO MODEL DYNAMIC SYSTEMS, from the cell to the ecosystem:
- Time-Varying Resource Inputs.
- Single, Multiple Population Dynamics.
- Modeling of Plant, Animal Growth.
- Modeling of Biological Controls.
- Species Competition, Cooperation.
- Pharmacokinetics.
- Genetic Engineering Modeling

TAUGHT WITH STELLA, A GRAPHICAL PROGRAMMING TECHNIQUE, no programming or special math prerequisites.
SECOND 8 WEEKS OF THE FALL SEMESTER
COMPLETE TEXT AVAILABLE. All program software on CITES Servers.

Click for course FAQ / Syllabus