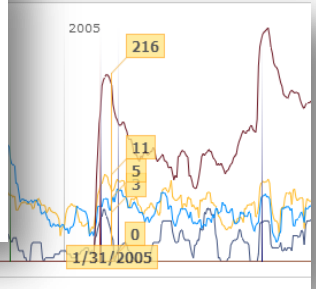
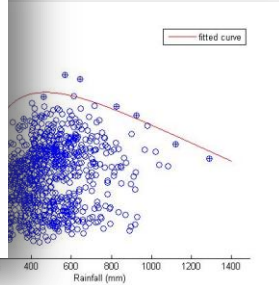
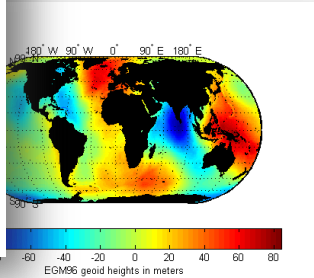
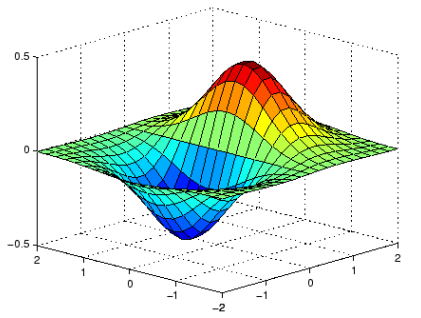


# Intro to Matlab Programming

SOIL 5110-363 (1 credit) - Summer 2013 (Jul 15<sup>th</sup> - Jul 26<sup>th</sup>)

MTWRF 8:00-9:30 AM - Classroom to be announced.



This course is intended for students that have **little or no programming experience** and are interested in acquiring basic programming skills that can be applied to any programming language. The course will focus on understanding programming logic by developing codes for common tasks related to crop and soil science, ecology, and environmental science.

The course will require the student to bring his/her own laptop to each class. Matlab will be provided at no cost since OSU has a license.

It is expected that the student will learn:

- Basic programming commands and good programming habits in Matlab.
- How to import, process data, and export data.
- Generate publication quality figures
- How to create and test custom models.
- Curve fitting.
- Image analysis.

Check the preliminary syllabus at <http://soilphysics.okstate.edu/teaching>

**For more information contact :**

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