

## INFORMATION about STA 6166 and STA 6167 for Spring 2011

### INSTRUCTIONS FOR REGISTERING

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### 6166/6167 COURSE MATERIALS

#### **Course Objectives:**

To train graduate students in basic statistical tools with the aim of promoting sound scientific research based on good statistical thinking and practice.

### COMPUTER LAB REQUIREMENT

#### **Registering for STA 4930, STA 6166 or STA 6167:**

STA 6166 and STA 6167 are departmentally controlled. This means that students **MUST** go through the statistics department office in order to register for these courses. If you are considering taking either of these courses, please note the following:

- Look closely at the **course descriptions and prerequisites** to determine which course is appropriate for you.
- **If you have met the prerequisites exactly as stated**, contact Summer Layton (summer at stat dot ufl dot edu) in the statistics main office, providing her with (1) the class (6166 or 6167) in which you are trying to register, (2) the section of this course (see the [Schedule of Courses](#)) you prefer to take (these differ only in the time you attend lab), and (3) your student ID number.
- If you believe you have **met the prerequisite through a course at another university**, you must provide information about the course and proof of having taken it (usually your transcripts) to me for approval. If approval is given, I will forward the required information (course, section, ID number) to the appropriate person to have you registered for the class. You will then receive an email confirming your registration.
- If you **do not meet the prerequisite for STA 6167**, you must take STA 6166.
- If you **do not meet the prerequisite for STA 6166**, you have two options:
  1. Take a short quiz assessing your readiness for STA 6166. If you obtain a passing score, you will be approved for admission into the course. Contact me to set up a time to take this quiz.
  2. Take the alternative prerequisite course, STA 4930. This course can substitute for STA 2023 and is only available to graduate students seeking to meet this requirement. To register for this course, you must show proof of graduate student status in an IFAS discipline to Summer Layton in the statistics main office.

#### **Additional information for STA 6166 and STA 6167:**

See the links on the sidebar (6166/6167 COURSE MATERIALS and COMPUTER LAB REQUIREMENT) for more information about STA 6166 and STA 6167 this semester, including required textbooks and statistical software.

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## 6166/6167 COURSE MATERIALS

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### 6166/6167 COURSE MATERIALS

### COMPUTER LAB REQUIREMENT

#### **Software Requirement:**

You will need a computer for some of the homework assignments. The main software used will be SAS 9.2. To obtain it you may join into a pilot Student Home-Use Program as described on UF's website ([www.software.ufl.edu/sas/index.html](http://www.software.ufl.edu/sas/index.html)). To get a student copy you must first go to the UF bookstore. JMP is also available (check [ifasstat.ifas.ufl.edu/Resources/verify.php](http://ifasstat.ifas.ufl.edu/Resources/verify.php)). In addition, there is a version of SAS installed in the IFAS laboratory (2103 McCarty Hall B). Another option is SAS OnDemand ([http://www.sas.com/govedu/edu/programs/od\\_academics.html](http://www.sas.com/govedu/edu/programs/od_academics.html)), a web-based version of SAS that you can access for free by creating a student account and specifying that you are using it for STA 6166 at UF (<https://support.sas.com/ctx3/sodareg/index.html?execution=e2s1>). It is YOUR RESPONSIBILITY to make sure that you have access to a statistical package.

#### **Textbooks:**

Both of the following textbooks are required for STA 6166 and STA 6167:

- "A first course in design and analysis of experiments", by Gary Oehlert, is available for free at <http://www.stat.umn.edu/~gary/Book.html>, or (very soon) as a printed and inexpensively bound "course pack" at Target Copy (for less than it would cost to print the book yourself).
- "Applied Statistical Designs for the Researcher", by Daryl Paulson, will be available in the UF bookstore, or can be purchased online. ISBN 0-8247-4085-8. Copyright 2003.

I believe you will find both of these books to be very useful references for your research throughout graduate school.

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## COMPUTER LAB REQUIREMENT

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6166/6167  
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### **Computer Labs (6166):**

Labs are a required component of this course. While all sections of STA 6166 meet together for lecture, each section meets separately for lab. The content covered in lab will relate to the weekly lectures and homework assignment. All 6166 computer labs are held in 2103 McCarty Hall B.

- Tuesday 9:35 am – 10:25 am (Period 3) – Section ?
- Tuesday 10:40 am – 11:30 am (Period 4) – Section ?
- Tuesday 1:55 pm – 2:45 pm (Period 7) – Section ?

### **Computer Labs (6167):**

Labs are a required component of this course. While all sections of STA 6167 meet together for lecture, each section meets separately for lab. The content covered in lab will relate to the weekly lectures and homework assignment. All 6167 computer labs are held in 2103 McCarty Hall B.

- Tuesday 11:45 am – 12:35 pm (Period 5) – Section ?
- Tuesday 12:50 pm – 1:40 pm (Period 6) – Section ?

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