Greetings from Dr. Valenzuela

• https://www.dropbox.com/sh/t4cskupw1deqpop/AABKDZB9QqngQwVJuufEznma
The Graduate School

- Dean – Dr. George Flowers
- The Graduate School makes MOST of the rules and is ultimately responsible for admissions, enforcing graduation requirements, etc.
- We expect you to use the web-based resources to answer most of your questions!
- Web site – [http://www.grad.auburn.edu](http://www.grad.auburn.edu)
  - Calendar of important dates
  - Forms
  - Student Policies ([http://auburn.edu/student_info/student_policies/](http://auburn.edu/student_info/student_policies/))
INSY People

• Administration
  – Dr. Jorge Valenzuela, Department Chair
  – Ms. LuAnn Sims, Graduate Coordinator and Undergraduate Student Advisor

• Staff
  – Ms. Linda Pitchford
  – Ms. Ramona Shierling-Nelson
  – Ms. Mackenzi Boothe

• Graduate students – approximately 125 on campus + 30 outreach

• Undergraduate students – approximately 325
INSY People – the Faculty

Regular Faculty
- Andres Carrano
- Jerry Davis
- John Evans
- Sean Gallagher
- Fadel Megahed
- Chase Murray
- Chan Park
- Rich Sesek
- Alice Smith
- Jeff Smith
- Jorge Valenzuela

Emeritus / Adjunct / Instructors
- Robert (Bob) Bulfin
- JT Black
- Tom Devall
- Nathan Dorris
- Saeed Maghsoudloo
- Woojin Park
- Lewis Payton
- Rick Reynolds
- LuAnn Sims
- Robert Thomas
Information

• INSY Web site – [http://www.eng.auburn.edu/insy](http://www.eng.auburn.edu/insy)
  – Course schedules
  – Graduate core courses
  – General information on the department, faculty, etc.
  – FAQ

• Departmental mailboxes (faculty and students)
  – 3301 Shelby (the copier room)

• Graduate Student Email List
  – All graduate students should sign-up
Email

• Email is the method of official communication within the department and institution

• Please use your official Auburn email account to send/receive email!!

• For administrative issues, also include your Banner ID number in correspondence
Graduate Degrees Offered

• **MISE**
  – At least core courses, 12 hours of electives, design project *or* additional 3 hour elective

• **MISE/MBA**
  – Same as MISE plus MBA courses

• **MS**
  – At least core courses, at least 9 hours of electives, thesis, oral exam

• **PhD**
  – At least core courses, areas of specialization, general exam, dissertation, oral exam (≥ 60 hours)
• We assume that you have the equivalent of an undergraduate IE degree:
  – Calculus-based probability and statistics (STAT 3600/3610)
  – Operations research (INSY 3400/3410)
  – Engineering Economy (INSY 3600)
  – Other IE background (production/manufacturing systems, ergonomics, quality control, etc.)
• [http://eng.auburn.edu/programs/insy/programs/grad/required-background.html](http://eng.auburn.edu/programs/insy/programs/grad/required-background.html)
Core Courses

• 5 courses – 15 total hours

• All Students Take
  – INSY 7300 – Advanced Engineering Statistics I
  – INSY 6600 – Manufacturing/Production Economics
  – INSY 7420 – Linear Programming/Networks

• Plus choose two of the following five:
  – INSY 7030 – Manufacturing Systems Design*
  – INSY 7240 – Production and Inventory Control Systems*
  – INSY 7400 – Simulation Modeling and Analysis
  – INSY 6010 – Safety Engineering
  – INSY 7060 – Ergonomics I

* Not available.
Course Offerings

• Core courses:
  – Offered once a year
  – Try to offer these during the same semester each year. Tentative schedule is on the web page.

• Elective courses:
  – Some offered once a year, others offered every other year

• [http://eng.auburn.edu/programs/insy/programs/grad/core-courses.html](http://eng.auburn.edu/programs/insy/programs/grad/core-courses.html)
Graduate Certificates

• [http://eng.auburn.edu/programs/insy/programs/grad/graduate-certificate.html](http://eng.auburn.edu/programs/insy/programs/grad/graduate-certificate.html)
• Every INSY graduate student is expected to enroll in INSY 7950, Seminar, in one semester. Attendance will be taken and is mandatory. This course features guest speakers on state-of-the-art topics in Industrial Engineering. This course is an important part of your professional development. Every student must have one semester of Seminar to graduate. Funded students must attend Seminar every semester.
English Proficiency

• For international students:
  – INTL 1800 – Oral proficiency
  – INTL 1820 – Classroom communications (required for TAs).
  – INTL 1830 – Writing proficiency

• More advanced courses:
  – ENGL 3040 – Technical writing
  – ENGL 3080 – Business Writing
Most graduate students in our department take 3 or 4 courses + Seminar. If you have a teaching or research assistantship, 3 would be a better choice for your first semester.

If you have trouble registering for courses, Ms. Sims can help you — Check “Registration Process” on our website.

The majority of our students who get in academic trouble do so because they try to take too many courses in a given semester and/or take courses for which they don’t have the appropriate background.
Academic Standing

• To be in good academic standing, you must have a cumulative GPA of at least 3.0
  – Academic Probation
    • Happens if at the end of any semester, the cumulative GPA falls below a 3.0.
  – Academic Suspension
    • Happens if the cumulative GPA remains under 3.0 after the next 11 credit hours of graduate enrollment after being put on probation.
    • Remediation plan MAY or MAY NOT be approved by the department and the Dean of the Graduate School

• STAY IN GOOD STANDING
Graduate Advisor

• All incoming students are advised by the GPC (Ms. Sims) but your advisor is officially Dr. Valenzuela – his name goes on the Plan of Study.

• Coursework-only option
  – You do not need a committee.

• Project and Thesis options
  – After completing approximately 10 hours of course work, you choose a permanent advisor (must be in the ISE department)
  – You and your advisor choose a committee of two or more additional faculty members
Plan of Study (POS)

• POS should be completed after completing approximately 10 hours of coursework (http://graduate.auburn.edu/gspoststudent/), but cannot be done until you have selected a committee (where appropriate)

• **Cannot graduate the term that the POS is approved**

• Approved online by all committee members, the department chair, and the graduate dean.
Teach/Research Assistantships

• Limited departmental funds – if you do not currently have an assistantship, work hard and maybe you can earn one
• We try to provide office space for all graduate students, but TA/RAs get priority
• If you are on a TA/RA appointment, you cannot have another job without departmental approval
• Applying for TA/RA positions
Course Schedule

• Core courses are generally only offered once a year – delaying can cause long delays in graduating

• Selection of electives is done in conjunction with your advisor – electives should build depth in a topic of interest

• TA/RA and International students should register for at least 10 hours/semester

• You are primarily responsible for the selection of specific courses you wish to take during your academic career
International Graduate Experience
UNIV 7000

Fall 2014
Monday, 3:00-4:00pm
0 credit hours
Davis 155
CRN 15373

Graduate study is an exciting adventure! But transition from undergraduate to graduate study may be stressful. The goal of this course is to help new international graduate students experience a smoother transition to graduate school by becoming familiar with the inner workings of Auburn University, life in Auburn and some key features of American culture.

(Extracurricular activities will be available to help students get to know each other.)

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Contact: Dr. Len Vining
vinилиj@auburn.edu
334-524-3823
Research Ethics

• It is important to follow accepted research practices
  – NO PLAGIARISM
    • Student Policy ehandbook “Student Academic Honesty Code”
    • Absolutely must use quotes and reference the source of information
  – For other ethics violations, see the following web site for additional information:
    • http://www.ncsu.edu/grad/preparing-future-leaders/rcr/modules/index.php

• INSY departmental policy that no one convicted of academic dishonesty can have departmental financial support.
Plagiarism

• Even copying more than one continuous paragraph from the same source may be defined as plagiarism.

• Reference at the end of is not sufficient – must also use quotation marks

• We are more concerned with your ideas than perfect English.
A few other matters

- Waitlist and finding other information on AU’s website
- Change of Program (MISE/MS)
- Change of Major?
- Special Message to PhD Students
Welcome to Auburn!

Please keep in mind that you are ultimately responsible for your graduate program – learn the requirements, study the electives, meet the faculty and make the most of your graduate education!

Auburn University
Samuel Ginn
College of Engineering