



ISYE SOPHOMORE ADVISEMENT

SPRING 2015



Your Advisors

It is our responsibility to:

- Help students create long term schedules
- Mentor students personally and academically
- Assist students in identifying educational plans
- Help students understand policies, procedures, and programs
- Guide students to the available resources



Stacey
Gangloff
A-G



Fran
Buser
H-Q



Dawn
Strickland
R-Z



As students, remember to....

Take ownership of your education

- Check your Georgia Tech email EVERY DAY
- Come to mandatory advisement sessions/appointments
- Research and utilize available resources
 - Know ISYE registration procedures, policies and deadlines
 - Check Degree Works at least once a semester
 - Check Oscar for information on prerequisites, restrictions, important notes about each course
- Seek guidance when you need it, BEFORE deadlines



Annual Academic Advising Meetings

Sophomore (30-60 credits):

- **Group Advising Session: REQUIRED**

Juniors (61-90 credits):

- **Individual Advisement Appointment: REQUIRED,**
 - Must have advisement sheet in your file
- **Individual Career Appointment: REQUIRED**

Seniors (91+ credits):

- Degree Works Workshop: RECOMMENDED
- Individual Appointment: RECOMMENDED

Penalty for not fulfilling Mandatory Meetings:

A hold will be placed on your registration during **Phase II** and will not be lifted until the final 4 days of registration.

Junior Year Advisement Sheet

[Http://www.Isye.Gatech.Edu/Academics/Advisement/](http://www.Isye.Gatech.Edu/Academics/Advisement/)

H. Milton Stewart School of Industrial and Systems Engineering Annual Academic Advisement: Freshman, Sophomore, Junior or Senior (Circle One)

NAME: _____ GTID : _____ Appointment Date and Time: _____

Current Overall GPA: _____ DEGREE PROGRESS: Review DegreeWorks: Log in through Buzzport. Your Catalog Year: (find on DegreeWorks): _____

Concentration: _____ Is your DegreeWorks worksheet correct? YES/NO If no, what needs to be corrected? _____

Minor: _____ Certificate: _____ Study Abroad: _____ Co-op/Internship: _____

COURSE PLAN FOR CURRENT AND FUTURE SEMESTERS:

(semester)		(semester)		(semester)		(semester)		(semester)	
COURSE *	HOURS	COURSE	HOURS	COURSE	HOURS	COURSE	HOURS	COURSE	HOURS
Total Hours		Total Hours		Total Hours		Total Hours		Total Hours	

Important Requirements:

Senior Design: _____ I understand that I must complete all required ISyE courses** and 4 of 6 of my ISyE concentration courses BEFORE taking Senior Design.
(Also, you must register for the Senior Design Prep course: ISyE 4800 the semester before Senior Design)

Engineering Electives: which engineering electives have you taken or are planning to take? _____

Please initial the following:

____ I understand that I must take 9 hours of engineering electives: At least two courses from page one. <http://www.isye.gatech.edu/academics/undergraduate/courses/>

____ I understand that not taking engineering electives before my last semester may result in the delay of my graduation. It is challenging at times to register for certain Engineering Electives.

Lab Sciences: Only one EAS course is allowed. Note: ISyE recommends that you take Chemistry 1310 or 1211K as it is a pre-requisite to many Engineering Electives.

Ethics: fulfilled with PSYC 1101, see also: <http://www.catalog.gatech.edu/students/ugrad/core/ethics.php>

Environmental: Please see here for the list of approved courses: <http://www.isye.gatech.edu/academics/undergraduate/courses/environmental.php>

Global Perspective: Beginning Fall 2012, students are required to take a course with the G.P. components: <http://www.catalog.gatech.edu/students/ugrad/core/gp.php>
(For Ethics, Environmental and Global Perspective, this is not an extra course, it is a component of one of your ISyE Required courses: such as PSYC 1101, EAS, Hum./Soc.Sci.)

FEES NOTE: BURSAR'S WEBSITE: \$X for 6 or fewer hours, \$XX for > 6 hours. You may consider this when planning your schedule. Keep in mind that Senior Design is a 4 hour course and that taken with a 3 hour course will cause your fees to fall into the higher category.

What are your plans for summer? _____

In what semester do you plan to apply to graduate? What questions do you have about your degree requirements? _____

*Please see ISyE website for Academic course information: <http://www.isye.gatech.edu/academics/undergraduate/courses/>

**Note: ISyE Required Courses: IE 2027, 2028, 3025, 3044, 3133, 3232

Junior Career Advisement

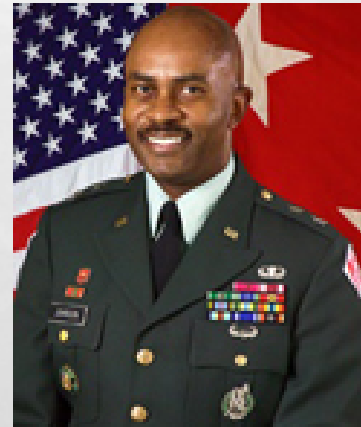
Career advisors:

Mandatory meeting junior year, optional other years

- Make an appointment with them through the GT scheduler:
<https://schedule.advising.gatech.edu/>
- Send your current resume to them before the meeting



Andrea Laliberte :
A-L



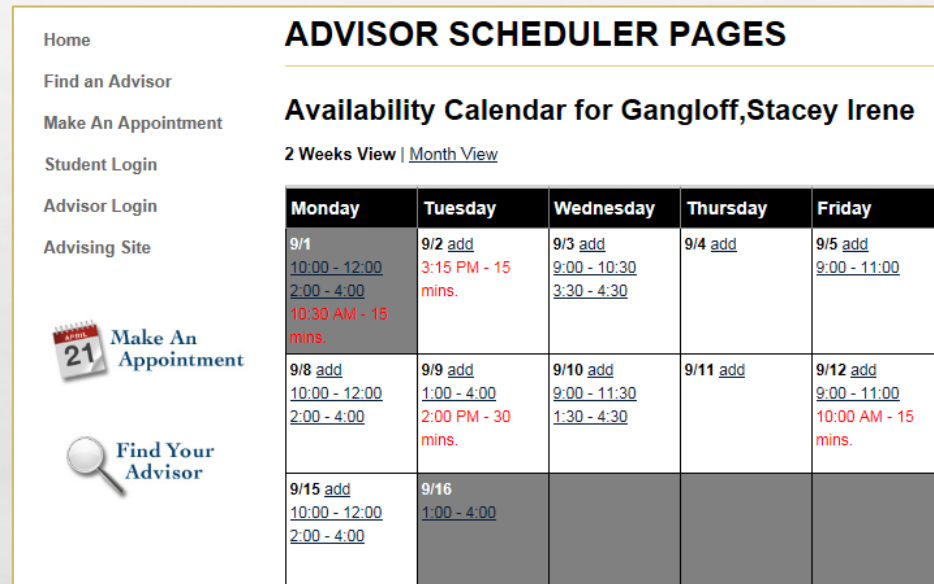
General Ron Johnson
M-Z

HOW TO REACH US



Make an Advisement Appointment

We encourage you to make an appointment with us through our appointment website: <https://schedule.advising.gatech.edu/>



The screenshot displays the 'ADVISOR SCHEDULER PAGES' for Stacey Irene Gangloff. It includes a navigation menu on the left with options like 'Home', 'Find an Advisor', and 'Make An Appointment'. The main content area shows an 'Availability Calendar' with a '2 Weeks View' and a 'Month View' link. The calendar table lists appointment times for Monday through Friday, with some slots marked as 'add' and others as 'mins.'.

Monday	Tuesday	Wednesday	Thursday	Friday
9/1 10:00 - 12:00 2:00 - 4:00 10:30 AM - 15 mins.	9/2 add 3:15 PM - 15 mins.	9/3 add 9:00 - 10:30 3:30 - 4:30	9/4 add	9/5 add 9:00 - 11:00
9/8 add 10:00 - 12:00 2:00 - 4:00	9/9 add 1:00 - 4:00 2:00 PM - 30 mins.	9/10 add 9:00 - 11:30 1:30 - 4:30	9/11 add	9/12 add 9:00 - 11:00 10:00 AM - 15 mins.
9/15 add 10:00 - 12:00 2:00 - 4:00	9/16 1:00 - 4:00			

Please do not email us to set up an appointment



Walk-In Thursdays

Hours:

9:30-11:30am

1:30-3:30pm

Use walk-in hours when you have quick advising questions or when there is no availability on our schedule.



Email Us

Stacey Gangloff- stacey.gangloff@isye.gatech.edu

Fran Buser- fran.buser@isye.gatech.edu

Dr. Dawn Strickland- dawn.strickland@gatech.edu

AS A SOPHOMORE.....





Begin to Research Concentrations

- Read a short description of each concentration here:
http://www.isye.gatech.edu/academics/undergraduate/courses/ISyE_Concentrations.pdf
- Look up descriptions of each course on Oscar

Concentration Name	Concentration DEPTH classes	Concentration BREADTH classes	ISyE Requirements (all concentrations)
(A) Supply Chain Engineering	A1. 3103 Logistics A2. 3104 Manufacturing A3. One of: a. 4111 Adv Logistics* b. 4803 Adv Manufacturing*	Three courses take from the [DEPTH] of at least two concentrations (B), (C), and (D)	ISyE 2027 Probability ISyE 2028 Statistics ISyE 3025 Eng Economy ISyE 3044 Simulation ISyE 3133 Eng Optimization ISyE 3232 Stoch Mfg & Svc Sys ISyE 4106 Senior Design
(B) Quality and Statistics	B1. 3039 Quality Control B2. 4031 Regression & Forecasting B3. One of: a. CS 4641 Machine Learning b. Math 4262	Three courses take from the [DEPTH] of at least two concentrations (A), (C), and (D)	
(C) Economic and Financial Systems	C1. 4301 Supply Chain Economics C2. 4311 Capital Investment Analysis C3. One of: a. Econ 3150 Econ & Fin Mod b. Mgt 3078 Fin & Investments c. Econ 4340 Industrial Organization d. Econ 4350 Intl Econ	Three courses take from the [DEPTH] of at least two concentrations (A), (B), and (D)	
(D) Operations Research	D1. 4133 Adv Optimization* D2. 4803 Adv Simulation** D3. 4232 Adv Stochastics*	Three courses take from the [DEPTH] of at least two concentrations (A), (B), and (C)	
(E) General ISyE	One of: a. 4111 Adv Logistics* b. 4803 Adv Manufacturing* c. 4311 Capital Investment Analysis* d. 4133 Adv Optimization* e. 4232 Adv Stochastics*	E1. 3103 Logistics E2. 3104 Manufacturing E3. 3039 Quality Control E4. 4031 Reg & Forecast* E5. 4301 Supply Chain Economics	

**Concentration =
6 Courses**

**Only one non-ISyE
course allowed**

**Must have 4 of the 6
courses completed
BEFORE you can
take senior design**

* Graduate Course Option: Please see: <http://www.catalog.gatech.edu/students/ugrad/degrees/gradcourse.php>
Undergraduate students taking graduate-level courses and NOT applying course(s) toward Masters must have a cumulative GPA of 3.0. Allowable substitutions are: ISyE 6203 for Advanced Logistics, ISyE 6201 or ISyE 6202 for Advanced Manufacturing, ISyE 6669 for Advanced Optimization, ISyE 6644 for Advanced Simulation, ISyE 6650 for Advanced Stochastics, ISyE 6225 for Advanced EDA, and ISyE 6414 for Regression and Forecasting. Math 3012 Applied Combinatorics as the third OR Concentration depth class. The Associate Chair for Undergraduate Programs may allow additional substitutions as appropriate.

ISyE 4009 Human-Integrated system may be used as an Breadth Elective in any concentration. We do not offer the course but students can take the course elsewhere to transfer back.

4803 Courses: See ISyE Registration Page

Spring 2015 - ISyE Electives - Relation to Concentrations

ISYE ELECTIVES OFFERED IN RELATION TO CONCENTRATIONS SPRING 2015		
ISYE 3039	Methods-Quality Improve	Depth for Q&S concentration; Breadth for SC, OR, E&FS Required for General
ISYE 3103	Sply Chain Mod: Logistics	Depth for SCE concentration; Breadth for Q&S, OR, E&FS Required for General
ISYE 3104	Sply Chain Mod: Manf&Ware	Depth for SCE concentration; Breadth for Q&S, OR, E&FS Required for General
ISYE 4031	Regression/Forecasting	Depth for Q&S concentration; Breadth for all others
ISYE 4232	Advanced Stochastic Sys	Depth for OR, General; Breadth for Q&S, SCE, E&FS
ISYE 4301	Supply Chain Economics	Depth for E&FS; Breadth for Q&S, SCE, OR, Required for General
ISYE 4311	Capital Invest Analysis	Depth for E&FS, General; Breadth for Q&S, SCE, OR
ISYE 4803 - ALE	Special Topics: Advanced Simulation	Depth for OR, General; Breadth for Q&S, SCE, E&FS
ISYE 4803 - LUJ	Special Topics: Business Analytics	Depth for SCE, Q&S, OR; Breadth for E&FS Not allowed for General
ISYE 4803 - GD2	Special Topics: Airline Planning & Operations	Engineering Elective Page 2; not an ISyE Elective
ISYE 4803 - NM2	Special Topics: Linear and Convex Optimization	Depth for OR and General; Breadth for Q&S, SCE, E&FS
ISYE 4803 - LAL	Special Topics: Project	Breadth for Q&S, SCE, E&FS, OR Not allowed for General
ISYE 4803 - GOE	Special Topics: Facilities Layout and Warehousing	Depth for SCE; Breadth for Q&S, OR, E&FS



Plan for Work Experience:

What to Do:

- Find a co-op or internship
 - Log into Career Buzz
 - Submit or update your “Experiential Learning Application”, this includes watching an online Prezi orientation
 - Search and apply for positions (use filter)
 - Company will contact you and set up interview, either on campus or off
 - Accept offer

- Make an appointment with a C2D2 Career advisor, **Karen Houston**
 - Office in Bill Moore Student Success Center
 - Office hours ISYE Academic Center (Thursdays, 1:30-3:30)
- Submit “Placement Information” report on Career Buzz for approval
- Receive email with permit to register for internship/co-op

● **T-Square:**

- Internal ISYE posting site for jobs and announcements. Postings also available in T-Square Binder in Academic Office.

Plan for Study Abroad

ISYE specific programs:

- GT Lorraine
 - Fall, Spring, Summer
 - Courses: Engineering Electives, ECON 2101, CS 4400 Humanities, ISYE 3025, ISYE 2028, ISYE 3039
- Beijing-Singapore program
 - Summer
 - ISYE concentration courses (9 credits), social science



Other programs:

- China Summer Program
 - Summer
 - Engineering Electives, Social Science, Free Elective
- Oxford
 - Summer
 - Engineering elective, humanities, free elective

Final 36 credits must be
taken at Georgia Tech

Seek Out Academic Assistance

Center for Academic Success:

Clough 283 (Must make appointments)

[Http://www.Success.Gatech.Edu/](http://www.Success.Gatech.Edu/)

- 1-1 Tutoring
 - ISYE, MATH, engineering electives, Physics, Psychology, Spanish, etc
- PLUS Sessions
 - CALC II, III, Differential Equations, ISYE 2027, Physics

GT Communication Center:

Clough 447 (Appointments and Walk-In's)

[Http://www.Communicationcenter.Gatech.Edu/](http://www.Communicationcenter.Gatech.Edu/)

- Written projects
- Lab reports
- Resumes and cover letters

ISYE Communication Specialists:

- Assist with senior design proposals, presentations and final reports





Leadership/Clubs

- IIE: Institute Of Industrial Engineers; Student Chapter
 - GT Alpha Pi Mu: ISyE Honor Society
(invitation only)
 - Hundreds Of Organizations on campus:
<http://jacketpages.gatech.edu/organizations>
 - Campus Recreation Sports Clubs:
<http://www.crc.gatech.edu/sportclubs/>



Minors and Certificates

Minors

- Typically 15-18 credit hours
- You **CANNOT double count a course as both a minor requirement and a major requirement** (exception is free elective hours)
- Must submit “declare minor form”
- Popular minors:
 - Computer science
 - Engineering and Business
 - Economics

Certificate

- Typically 15-18 credits
- Popular Certificate: Finance
- You **CAN double count a course as both a certificate requirement and a major requirement.**
- Do not fill out a form until you are registered for all of the required courses.

Undergraduate Research

<http://www.isye.gatech.edu/academics/undergraduate/research/>

- Independent research working with a professor
 - Possible fellowship or scholarship opportunities
 - Can earn free elective credit
 - The Summer Undergraduate Research Fellowship Program
 - SURE: The Summer Undergraduate Research in Engineering/Science Program at GT
 - Women, Science, and Technology
-and more!



SAMPLE FOUR YEAR SEMESTER PLAN OF STUDY
(For Bachelor of Science Degree in Computer Science)

First Semester		Second Semester	
Course	Hours	Course	Hours
CSC 100	3	CSC 144	4
MTH 271	5	MTH 272	5
ENG 150 (GE)	3	ENG 170 (GE)	3
Social Science Crs (GE)	3	Social Science Crs (GE)	3
Communications Crs(GE)	3	Fine Arts Crs (GE)	3
COL 110(GE)	1		
Total Credit Hours	18	Total Credit Hours	18
Third Semester		Fourth Semester	
Course	Hours	Course	Hours
CSC 184	4	CSC 290	3
CSC 255	3	CSC 360	3
MTH 303	5	MTH 315	3
English Lit I (GE)	3	English Lit II (GE)	3
HIS 100 (GE)	3	Biology Science	4
Total Credit Hours	18	Total Credit Hours	16
Fifth Semester		Sixth Semester	
Course	Hours	Course	Hours
CSC 321	3	CSC 406	4
CSC 403	3	American History	3
PHY 301	4	PHY 302	4
Philosophy/Religion (GE)	3	OPEN General Elective Course	3
OPEN General Elective Course	3		
Total Credit Hours	16	Total Credit Hours	14
Seventh Semester		Eighth Semester	
Course	Hours	Course	Hours
CSC 305	3	CSC Elective 300 & above	3
CSC 402 or CSC 410	4	CSC Elective 300 & above	3
OPEN General Elective Course	3	OPEN General Elective Course	3
OPEN General Elective Course	3	OPEN General Elective Course	3
OPEN General Elective Course	3		
Total Credit Hours	16	Total Credit Hours	12

NOTE 1: Students must complete 49-51 credit hours of General Education courses.

NOTE 2: A total of 128 credit hours of course work is required for graduation.

NOTE 3: A total of 42 credit hours of course work must be 300 level and above.

NOTE 4: Semester course loads can be reduced by taking courses during summer and J-Term sessions.

SAMPLE FOUR YEAR SEMESTER PLAN OF STUDY
(For Bachelor of Arts Degree in Computer Science)

First Semester		Second Semester	
Course	Hours	Course	Hours
CSC 100	3	CSC 144	4
MTH 141	3	MTH 271	5
ENG 150 (GE)	3	ENG 170 (GE)	3
Communications Course (GE)	3	Fine Arts Course (GE)	3
Social Science Course (GE)	3	Social Science Course Crs (GE)	3
COL 110	1		

Map Out
Your
Schedule


CURRICULUM TOOLS



CHECK YOUR DEGREE WORKS

Found on
Buzzport:

<https://buzzport.gatech.edu/cp/home/displaylogin>



Georgia Tech DegreeWorks Audit

Student View AC674PVd as of 08/18/2014 at 07:34

Student ID		Level	Undergraduate Semester
Classification	Freshman	Degree	BS in Industrial Engineering
Overall GPA	0.00	College	College of Engineering
Degree Candidate		Major	Industrial Engineering
Academic Standing		Concentration	
Graduation Application Status		Minor	
		Graduation Status	

Disclaimer
 You are encouraged to use this degree audit report as a guide when planning your progress toward completion of the above requirements. Your academic advisor or the Registrar's Office may be contacted for assistance in interpreting this report. This audit is not your academic transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding this degree audit report, your official degree/certificate completion status, or to obtain a copy of your academic transcript.

Legend

<input checked="" type="checkbox"/> Complete	<input type="checkbox"/> Complete except for classes in-progress	<input type="checkbox"/> (T) Transfer Class	<input type="checkbox"/> * Course contains prerequisite(s)
<input type="checkbox"/> Not Complete	<input type="checkbox"/> Nearly complete - see advisor	<input type="checkbox"/> @ Any course number	

In-progress

		Credits Applied: 16	Classes Applied: 5
APPH 1040	Sci Foundation of Health	2	Fall 2014
EAS 1600	Intro-Environmental Sci	4	Fall 2014
ENGL 1101	English Composition I	3	Fall 2014
INTA 1200	American Government	3	Fall 2014
MATH 1502	Calculus II	4	Fall 2014

BSIE - Degree Requirements	Catalog Year: 2014-2015	Credits Required: 128
	GPA: 0	Credits Applied: 35

Unmet conditions for this set of requirements: Last 20 Credits in residence needed
93 Credits needed

128 Credits applied to the Degree are Required for Graduation. Your last 36 Credits must be taken in Residence.

<input type="checkbox"/> 2.0 Overall GPA Required	
<input checked="" type="checkbox"/> Regents' Reading Requirement	RTPR Y
<input checked="" type="checkbox"/> Regents' Writing Requirement	RTPW Y
<input type="checkbox"/> Legislative Requirement - GA History	Still Needed: Legislative Requirement - GA History
<input type="checkbox"/> Legislative Requirement - US History	Still Needed: Legislative Requirement - US History
<input type="checkbox"/> Legislative Requirement - GA Constitution	Still Needed: Legislative Requirement - GA Constitution
<input type="checkbox"/> Legislative Requirement - US Constitution	Still Needed: Legislative Requirement - US Constitution
<input type="checkbox"/> US Perspectives Overlay	Still Needed: Effective Fall 2011, all students must complete 3 credit hours in at least one US themed course to fulfill the US Perspectives Overlay requirement. Please visit www.catalog.gatech.edu/students/ugrad/

REGISTRATION AND STUDENT SERVICES



Registration -
OSCAR



Pay Now -
Bursar



Schedule of
Classes



Update
Emergency
Contacts



Transfer
Equivalences



GT Course
Catalog



Jacket Guardian



DegreeWorks



Order Transcript

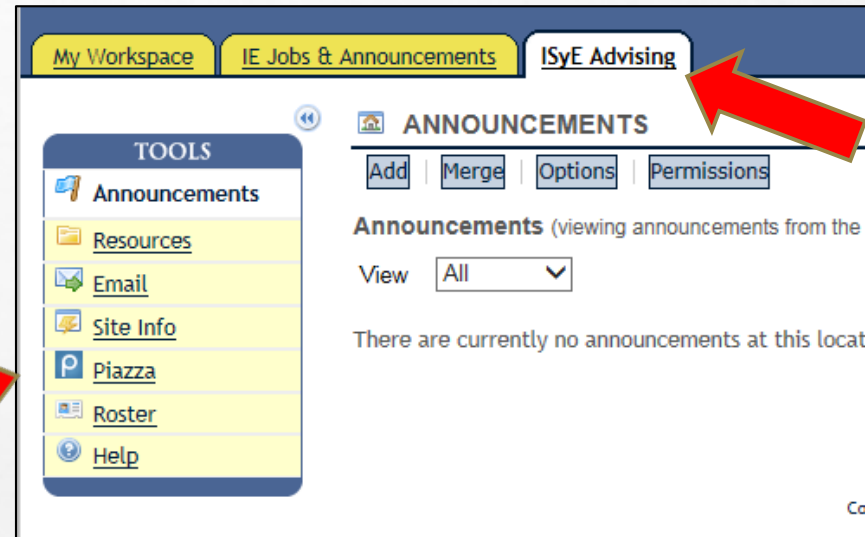


<input type="checkbox"/> Intr to Database Systems	Still Needed: 1 Class in CS 4400*
<input type="checkbox"/> Calculus III Requirement	Still Needed:
<input type="checkbox"/> Calculus III	(1 Class in MATH 2401*)
<input checked="" type="checkbox"/> Allowable Lab Sciences	
<input checked="" type="checkbox"/> General Chemistry/Chemical Principles I	CHEM 1310 Satisfied by General Chemistry NO TRANSCRIPT DETAIL - *International Baccalaureate T 4 Summer 2014
<input checked="" type="checkbox"/> Intro-Environmental Sci	EAS 1600 Intro-Environmental Sci IP (4) Fall 2014
BSIE - Major Requirements Catalog Year: 2014-2015 GPA: 0.00	
<input type="checkbox"/> NON-MAJOR COURSES REQUIRED	
<input type="checkbox"/> Management Elective	Still Needed: 1 Class in ACCT 2101 or MGT 3000 or 3150
<input type="checkbox"/> Linear and Discrete Math	Still Needed: 1 Class in MATH 2602*
<input type="checkbox"/> MAJOR COURSES REQUIRED	
<input type="checkbox"/> Probability With Apps	Still Needed: 1 Class in ISYE 2027*
<input type="checkbox"/> Basic Statistical Meth	Still Needed: 1 Class in ISYE 2028*
<input type="checkbox"/> Engineering Economy	Still Needed: 1 Class in ISYE 3025*
<input type="checkbox"/> Engineering Optimization	Still Needed: 1 Class in ISYE 3133*
<input type="checkbox"/> Stochastic Mfg&Serv Sys	Still Needed: 1 Class in ISYE 3232*
<input type="checkbox"/> Simulation Analy & Dsgn	Still Needed: 1 Class in ISYE 3044*
<input type="checkbox"/> Senior Design	Still Needed: 1 Class in ISYE 4106*
<input type="checkbox"/> ENGINEERING SCIENCE ELECTIVES	Still Needed: 9 credits in Engineering Science Electives are required.
<input type="checkbox"/> BSIE Concentration	Still Needed: ***IMPORTANT: Please note that because you have not yet selected your concentration through the Concentration Management function within OSCAR, this portion of your degree program will not be reflected. In order to view your audit accurately, please visit www.oscar.gatech.edu and select your concentration using the Concentration Management tool. Please consult with your advisor as needed.
Catalog Year: 2014-2015	

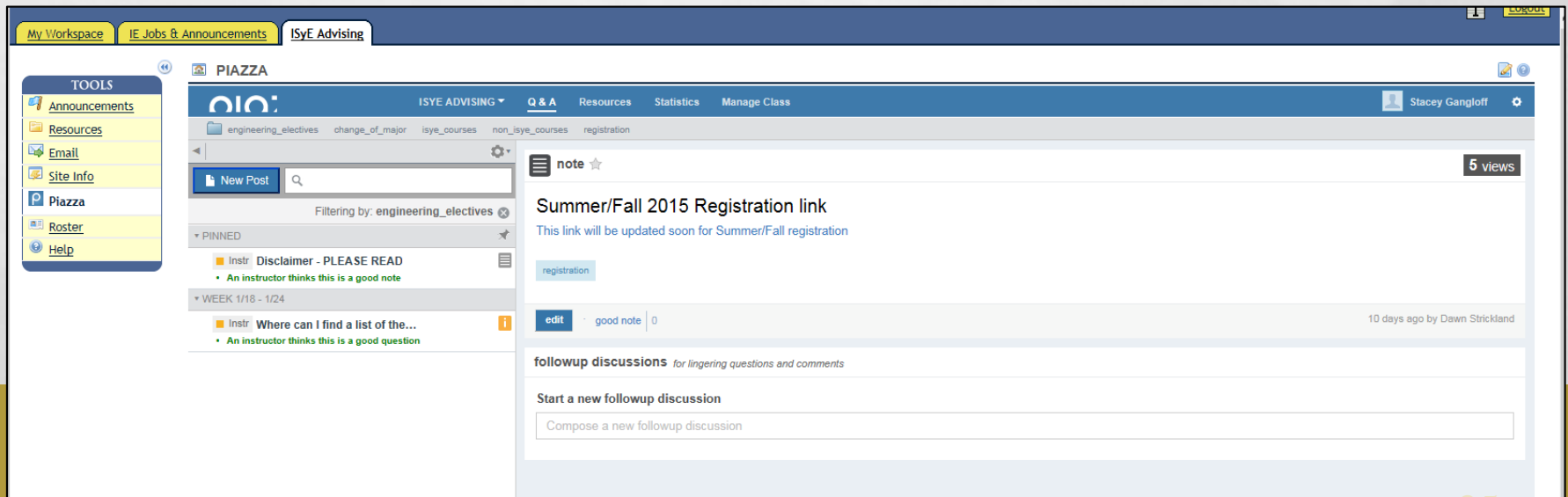
Degree Works Errors?

- Let your advisor know

Advising Piazza



This screenshot shows the top navigation bar of the ISyE Advising system. The tabs are 'My Workspace', 'IE Jobs & Announcements', and 'ISyE Advising'. Below the tabs is a 'TOOLS' menu with the following items: 'Announcements', 'Resources', 'Email', 'Site Info', 'Piazza', 'Roster', and 'Help'. A red arrow points to the 'Piazza' option.



This screenshot shows the full ISyE Advising Piazza interface. The top navigation bar includes 'My Workspace', 'IE Jobs & Announcements', and 'ISyE Advising'. The main content area is titled 'PIAZZA' and shows a post titled 'Summer/Fall 2015 Registration link'. The post content reads: 'This link will be updated soon for Summer/Fall registration'. Below the post, there are options to 'edit', 'good note', and '0'. The interface also shows a 'Pinned' section with a post titled 'Disclaimer - PLEASE READ' and a 'Week 1/18 - 1/24' section with a post titled 'Where can I find a list of the...'. The user 'Stacey Gangloff' is logged in.

Review Your Flow Chart

- Found on ISYE website:

<http://www.isye.gatech.edu/academics/undergraduate/courses/>



Concentration Flowcharts

2014-2015	General IE	Econ & FS	OR	Quality & Stat	Supply Chain
2013-2014	General IE	Econ & FS	OR	Quality & Stat	Supply Chain
2012-2013	General IE	Econ & FS	OR	Quality & Stat	Supply Chain
2011-2012	General IE	Econ & FS	OR	Quality & Stat	Supply Chain
2010-2011	General IE	Econ & FS	OR	Quality & Stat	Supply Chain

Sample Course Sequence

GENERAL CONCENTRATION

BSIE PROGRAM for the 2013-2014 Year

SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4	SEMESTER 5	SEMESTER 6	SEMESTER 7	SEMESTER 8
CHEM 1310-4 ⁴	PHYS 2211-4 ⁴	PHYS 2212-4 ⁴	SCI II.4 ^{1 & 4}	CS 4400-3	ISyE 3044-3 ⁶	ISyE 4039-3	ISyE 4301-3
MATH 1501-4	MATH 1502-4	MATH 2401-4 ³	MATH 2602-4	ISyE 3133-3 ⁶	ISyE 3103-3	ISyE-3 4071-3	ISyE Depth-3
PSYC 1101-3 ¹¹	CS 1301-3	CS 2316-3	ECON 2100-3 ⁷	ISyE 3232-3	ISyE 3104-3	FREE EL 3 ⁹	FREE EL 3 ⁹
ENGL 1101-3 ⁴	ENGL 1102-3 ⁴	ISyE 2027-3 ³	ISyE 2028-3	ISyE 3025-1 ⁶	HUM EL 3 ⁸	HUM EL 3 ⁸	SS EL 3 ⁸
APPH 344-3 100-1 ⁴	BOR SS EL 3 ¹⁴	FREE EL 3 ^{8 & 9}	ENGR EL 3 ²	ENGR EL II.3 ²	ENGR EL III.3 ²	ISyE 4800-0 ⁵	ISyE 4106-4 ^{5 & 6}
14 HRS	16 HRS	17 HRS	17 HRS OR MGT 3000-3 MGT 3150-3	ACCT 2101-3 ¹⁰	FREE EL-2 ^{8 & 9}	15 HRS	16 HRS

ETHICS REQUIREMENT: _____ (11)
 GLOBAL PERSPECTIVE: _____ (12)
 ENVIRONMENT EL _____ (13)
 BOR SOCIAL SCIENCE EL _____ (14)

FACULTY ADVISOR: _____

TOTAL ISYE CREDIT HOURS: 128

(1) Science Electives: Biology 1510 or 1520, EAS 1600 or 1601 or 2600. Only one EAS allowed.

(2) 9 hours Engineering Electives (Non-ISYE) are required from approved list: <http://www.isye.gatech.edu/academics/undergraduate/courses/>

(3) MATH 2401 is Co-requisite or Pre-requisite for ISYE 2027.

(4) APFH English, Lab Sciences and Physics must be taken prior to your Junior year.

(5) You must be within 2 semesters of graduation to register for Senior Design (Courses Excluded) and complete 4 of 6 Concentration courses before Senior Design.

(6) ISYE 3025, 3133, 3044 & 4800 must be Completed prior to Senior Design.

(7) (ECON 2100 or 2101), or (2105 or 2106) (Credit cannot be allowed for both ECON 2100 and 2101, and if you take 2100 or 2101 you will NOT receive credit for either 2105 or 2106)

(8) Only 9 hours allowed Pass/Fail within Social Sciences, Humanities and Fine Electives. No other courses allowed Pass/Fail. <http://www.catalog.gatech.edu/generalizations/passfail.php>

(9) Suggested Free Elective: LCC 3403, Technical Communication, is highly recommended.

(10) Engineering & Management Minors must take MGT 3150 or MGT 4013.

(11) See here for Ethics Requirement: <http://www.catalog.gatech.edu/students/ugrad/courses/ethics.php>

(12) See here for Global Perspective requirement: <http://www.catalog.gatech.edu/students/ugrad/courses/gp.php>

(13) See here for Environmental Elective: <http://www.isye.gatech.edu/academics/undergraduate/courses/>

(14) Board of Regents Requirement: Choose one: HIST 2111, HIST 2112, POL 1101, INTA 1200 or PUBP 3000. Credit is not given for both POL 1101 & INTA 1200. Must be taken letter grade.

UPDATED: Oct 2013

Look Up Curriculum Requirements on ISyE Website

<http://www.isye.gatech.edu/academics/undergraduate/courses/>

Category	Groups	Total
Science	Math 16, Physics 8, Lab Sciences 8, Computer Science 9	41
Humanities	English 6, Humanities Electives 6	12
Social Science	Economics 3, History 3, Psychology 3, Social Science Elective 3	12
Wellness	Health/Fitness (HPS 1040, 1062, 1063, or 1064)	2
Eng elective	Engineering elective 9	9
ISyE Required Courses	Engineering Economics 1, Probability 3 Statistics 3, Stochastics 3, Simulation 3, Optimization 3, Senior design 4	20
ISyE Electives	Concentration breadth + Concentration depth	18
Business	Business Elective 3	3
Free elective	Free Electives	11
Total		128



Curriculum Rules To Know

To Graduate:

- Must complete all of the following:
 - Global Perspective**, component of a course (ex: INTA 2100)
 - <http://www.catalog.gatech.edu/students/ugrad/core/gp.php>
 - Environmental Requirement**, component of a course (ex: EAS 1600)
 - <http://www.isye.gatech.edu/academics/undergraduate/courses/environmental.php>
 - Board of Regents Social Science (ex: HIST 2111, POL 1101)
 - Ethics (PSYC 1101)
- Must have a C or better in any Math Course (ex MATH 2401)
- Declare concentration by end of the semester you are taking ISYE 3232.



Curriculum Rules To Know

- Must complete 9 engineering elective credits
 - ❑ Five credits must be from [page 1](#)
 - ❑ Four remaining credits can be from [page 1 or page 2](#)
 - ❑ See here: http://www.isye.gatech.edu/academics/undergraduate/courses/ISyE-Engineering_Electives.pdf
- ISYE 3133 is called ISYE 3833 in Fall/Spring
 - Recitation component of course now
- Pass/Fail: <http://www.catalog.gatech.edu/rules/10a.php>
 - Free Electives, Humanities and extra Social Science Elective
 - Maximum 9 credits
- Do Not take courses designated as “too similar”
 - IMPORTANT: Always look up the course in OSCAR

Look Up Courses on Oscar:

 Calendars and general registration information are located at www.registrar.gatech.edu.

SEARCH HINTS: To limit the search, type the first digit of the course number followed by a %. For example, to find all 1000 level English courses, click on English from the subject pull down list and enter 1% as the course number. While in the "Subject" field, you can type the first letter of the subject you are seeking and you will be taken to that part of the alphabet rather than having to scroll through all subjects.

If you are a current student, you can view an abbreviated schedule (with seats available) on the "Look Up Classes to Add" option on the Registration Menu.

Subject: German
Health Systems
History
History, Technology & Society
Industrial & Systems Engr
Industrial Design
Int'l Plan Co-op Abroad
Int'l Plan Intern Abroad
Int'l Plan-Exchange Program
Int'l Plan-Study Abroad

Course Number:

Title:

Schedule Type: All
Co-op Work Assignment
Directed Study*

Credit Range: hours to hours

Campus: All
Armstrong Atlantic/GTREP
Foreign Exchange

Part of Term: All
Non-date based courses only
First Half Term
Full Term - Drops Prohibited

Instructor: All
Abdel-Khalik, Said I
Abelew, Thomas

Attribute Type: All
Humanities Requirement
Social Science Requirement

Start Time: Hour Minute am/pm

End Time: Hour Minute am/pm

Days: Mon Tue Wed Thur Fri Sat Sun

For a description of a course, click "View Catalog Entry". Calenda

Click here
Detailed Class Information

Probability With Apps - 85354 - ISYE 2027 - A

Associated Term: Fall 2014

Levels: Graduate Semester, Undergraduate Semester

Georgia Tech-Atlanta * Campus

Lecture* Schedule Type

3.000 Credits

Grade Basis: ALP

[View Catalog Entry](#)

Detailed Class Information

For a description of a course, click "View Catalog Entry". Calendars and general registration information are located at www.registrar.gatech.edu.

Detailed Class Information

Sply Chain Mod:Manf&Ware - 30192 - ISYE 3104 - DW1

Associated Term: Spring 2015

Levels: Graduate Semester, Undergraduate Semester

Georgia Tech-Atlanta * Campus

Lecture* Schedule Type

3.000 Credits

Grade Basis: ALP

[View Catalog Entry](#)

Important information about course

Registration Availability

Seats

Waitlist Seats

Restrictions:

Must be enrolled in one of the following Majors:

Industrial Engineering

Must be enrolled in one of the following Campuses:

Georgia Tech-Atlanta *

Prerequisites

Prerequisites:

Undergraduate Semester level [ISYE 2028](#) Minimum Grade of D and Undergraduate Semester level [ISYE 3232](#) Minimum Grade of D and (Undergraduate Semester level [ISYE 3133](#) Minimum Grade of D or Undergraduate Semester level [ISYE 3833](#) Minimum Grade of D)

	Capacity	Actual	Remaining
Seats	45	0	45
Waitlist Seats	45	0	45

Restrictions

Preparing for Senior Design:

Must take **BEFORE** Senior Design:

- Minimum 4 of your 6 concentration courses
 - Only one non-IE course allowed:
(Example: ECON 4340, MGT 3078)
- All of your required ISYE courses:
(ISYE 2027, 2028, 3833, 3044, 3232, 3025)
- ISYE 4800 (0 Credits)
 - Pre-Senior Design Course
 - Must be taken the semester before Senior Design, no exceptions

ISyE Requirements (all concentrations)

ISyE 2027 Probability

ISyE 2028 Statistics

ISyE 3025 Eng Economy

ISyE 3044 Simulation

ISyE 3133 Eng Optimization

ISyE 3232 Stoch Mfg & Svc Sys

ISyE 4106 Senior Design

Preparing for Graduation:

When to apply?

Submit OAG the semester BEFORE you plan to graduate.

How do I know that I am on track to graduate?

Check DegreeWorks during Phase 2 of your last semester.

eWorks Audit	
Level	Undergraduate Semester
Degree	BS in Industrial Engineering
College	College of Engineering
Major	Industrial Engineering
Concentration	IE: Economic And Financial Systems
Minor	
Graduation Status	On Track to Grad, 2nd Audit

Notes

COOP: (Fall 2014) requirements met

2nd Audit (BSIE - Fall '14): Student is on track to graduate.

1st Audit(Fall 2014 BSIE): Student lacks ISYE 4106, ISYE 4301, Special Topics, Free electives.

I am reviewing files, DegreeWorks, Summer and Fall Schedules for Fran Buser. Our records show that for Fall semester 2014 you will need to register for ISYE 4106 (4 hr.), Free Elect (4 hr.) = 14 semester hours Is that how you see it? Please let Fran know if you have any questions or comments, or if



REGISTRATION INFORMATION

ISyE Registration Page

FINDING ISyE | ISyE DIRECTORY | SITE MAP | SITE HELP | SEARCH ISyE: [GO]

Georgia Tech College of Engineering | **H. Milton Stewart School of Industrial & Systems Engineering**

FOR: Alumni | Collaborate with ISyE | Students | Visitors

Ben Wang
Eugene C. Gwaltney Jr. Chair in Manufacturing Systems and Executive Director of the Manufacturing Research Institute
H. Milton Stewart School of Industrial and Systems Engineering
Manufacturing competitiveness, multifunctional nanocomposite systems

INFORMATION ABOUT | WELCOME | SPOTLIGHT

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Calendar of Events

Stay Connected: [Facebook] [Twitter] [eNews] [YouTube]

Welcome to the H. Milton Stewart School of Industrial & Systems Engineering at Georgia Tech.

The H. Milton Stewart School of Industrial & Systems Engineering (ISyE) has achieved national and international prominence through its tradition of unparalleled excellence and leadership in research, education, and service. This distinction is due to ISyE's world-class faculty, top-notch students, outstanding curricula, and extensive research focusing on improving quality of life.

Registration

CURRENT NEWS

- ISyE Faculty and Students Honored at 2014 INFORMS Annual Meeting**
Once again, faculty and students in the Stewart School of Industrial & Systems Engineering (ISyE) were among those selected as winners for the various prizes and awards given at the 2014 INFORMS Annual Meeting, held November 9th through 12th in San Francisco, California.
- Student Spotlight: Nidhi Koshy**
Nidhi Koshy, ISyE undergraduate student, has a diverse background and a strong affinity to public service, especially with One Voice Atlanta, where she serves as the Vice President of External Affairs. Born in India, raised in Japan and now pursuing her IE degree at ISyE, Koshy has a worldwide mindset and is excited to use her IE degree to her advantage when she graduates in 2016.

SPOTLIGHT

- Accepting Faculty/Staff Applications
- U.S. News GRADUATE SCHOOLS
- IEs Make A Difference (video)
- mil-SCS Executive Masters Int'l Logistics
- Masters in Supply Chain Engineering
- QCF Quantitative & Computational Finance
- SCL Supply Chain & Logistics Institute
- Senior Design Projects
- Recruiting ISyE Students
- Ph.D.'s Seeking Jobs

Important Information





Important Registration Dates

See Registrar Calendar

- **February 27th**
 - ☐ Individual Course Withdrawal Deadline
 - ☐ Grade Mode Change Deadline

- **March 11th**
 - ☐ Summer and Fall Course Schedule Available Online

- **March 27th**
 - ☐ Receive Phase I Time Ticket for Summer and Fall



Important Registration Dates

- **March 30th - April 24th**

- Phase I Registration
- No advising appointments, extended walk-in hours

- **May 6th**

- Receive Phase II Time Ticket for Summer

- **May 7th- May 15th**

- Phase II Registration- Summer



Important Registration Dates

- **August 7th**

- Receive Phase II Time Ticket for Fall

- **August 8th – August 21st**

- Phase II Registration for Fall

- No advising appointments, extended walk-in hours

Waitlist Tips

- You can only join the wait list for one section of the same course.
- If you are waitlisted for a course that is a co-req, you will not be able to join the course that is its corequisite until you are off the wait list. For example, you can not take ISYE 4803 (Business Analytics) until you are registered for ISYE 4031 (Regression).
- **Do not drop** a course before you know that you are able to register for an alternate course:
 - Courses may appear to have a spot upon quick first glance. You must look to see if anyone is on the wait list.

Capacity	Actual	Remaining
49	48	1
10	0	10

- First come first served basis
 - Check your email VERY often if you are on the wait list
 - You will have a 12 hour window of time to register for the course, miss this and you have to rejoin the waitlist.**

Check For Holds

- **Be sure to do this BEFORE registration**
- Campus departments can place a hold on your account that will prevent adding and dropping courses
- The hold can **ONLY** be removed by the department that administered the hold.
- The most common holds include those through:
 - your major school
 - housing
 - bursar
 - student health services

Check Your Registration Status:


Displayed below are various items which may affect your registration. You are permitted to select.

[Click this Calendar link for important registration dates, including assignments.](#)

You may register during the following times

From	Begin Time To	End Time
Aug 26, 2014	08:00 am	Oct 26, 2014 04:00 pm

- ✓ You have no Holds which prevent registration.
 - ✓ Your Academic Standing is Good Standing which permits registration.
 - ✓ Your Student Status permits registration.
- Your Class for registration purposes is Junior.



Should look like this



Registration Errors

Common Errors:

- Major Restriction**- We can not lift restrictions of other departments courses
- Duplicate Course Error**- If you want to take two courses of the same name/number, let us know BEFORE registration (ex: ISYE 4803) We will give you the permit to do so.
- Class Restriction
- Closed Section
- Closed- Waitlist Full
- Time Conflict

<http://www.registrar.gatech.edu/registration/error.php>

Withdrawing from a Course:

- “W” appears on your transcript
 - How will this look?

- During registration, you can drop a course without a W

QUESTIONS?