

Welcome to the CS Dept.

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- CS office: 235-236 SB



Computer Science Dept.

- Office: 235-236 SB (this building)
 - Dept. chair
 - Associate dept. chairs
 - Administrative assistants offices
 - Faculty mailboxes
 - Lab assistant mailboxes
 - Come here if help is needed



ORIENTATION 101

- Basic department information
- Degrees offered
- Registration process
- Course offerings/selection
- Academics
- Resources



TWO MASTER'S DEGREES

- MASTER OF COMPUTER SCIENCE (MCS)
 - Professional Master's degree
 - General IIT Prof. master's: MAS
- MASTER OF SCIENCE IN COMPUTER SCIENCE (MS)
 - Traditional master's degree



Dept. Web Page

- <http://www.iit.edu/csl/cs>
- *Most current information here!!*
- All degree information is here
- All course descriptions are listed here
- Announcements are listed here
- Table of course prereqs here



MASTER'S DEGREES

- | | |
|---|---|
| <ul style="list-style-type: none"> • 32 cr. hrs. • 4 core courses • No specializations • Can do thesis or research project • Can be course only • Can take CS course • Degree career goal: pursue a Ph.D. or to work in research | <ul style="list-style-type: none"> • 30 cr. hrs. • 3 core courses • General degree or Specializations • Can do research project • Can be course only • Can take CS + CSP courses • Degree career goal: to be working professionals |
|---|---|



MCS Specializations

- General (without specialization)
- Business
- Computational Intelligence
- Cyber-Physical Systems
- Computer Networking & Telecommunications
- Data Analytics
- Distributed and Cloud Computing
- Education
- Finance
- Information Security and Assurance
- Information Systems
- Software Engineering
- **CHECK DEPT. WEB PAGE FOR MORE INFORMATION!!**



Pre-registration process

- Prerequisite courses
 - *Degree prerequisites:* CS 201, CS 401, CS 402 required **for all degrees**
 - *Course prerequisites:* Most courses have prerequisite course requirements
- New students' transcripts are evaluated
 - Course prereqs taken as undergrad are entered into registration system



Ph.D. degree

- Direct Ph.D – no master's degree
- Ph.D. – have master's degree in CS or related discipline
- Written qualifying exams in 3 areas
- Oral qualifying exam
- Research-based degree



Registration

- Must have alternate pin (obtain from advisor)
- Course selection: must have required course prereqs to register for a course
- Full time: 3 courses = 9 cr. hrs.
- **Only 1 internet (IN) course per semester for F-1 students**



Pre-registration process

- Remove holds
 - International Center hold (F1 students)
 - Grad Admissions: requires final transcripts
 - Transcripts submitted to Grad admissions are NOT sent to the dept.



Registration

- Some courses are undergrad only
 - Level restriction error message
- Last day to add/drop/change with 100% refund: Sept. 2
- *Note: If you drop a course after Sept. 2 you will NOT be able to add a course*
 - F1 students will be **out of status**



Registration

- Full-time students
 - Register for 9 credit hours
 - Choose courses that you find interesting
 - Choose courses that are appropriately challenging
 - Go to the first meeting of the course
 - If you feel you do NOT have the prereq knowledge to take the course then DROP the course and register for another course



Choosing courses

- MS students can choose CS courses only
- MCS students can choose CS and CSP courses
- No ITM courses confer credit
- Can take courses in other depts.
 - Look at list of transfer courses: <http://www.iit.edu/csl/cs/programs/grad/transfer.shtml>
 - Can take either 1 or 2 courses in other depts.



Choosing courses

- Can take core courses over entire program
 - Decide which core courses (5xx) you would like to take
 - Look at the 4xx-level course prereqs for those core courses
 - Plan to take those course prereqs earlier in your program
- Decide which electives you are interested in taking



Choosing courses

- Most graduate courses delivered 3 ways:
 - Live
 - IIT/V
 - Internet
- A course will have a section for each mode of delivery
 - Some courses will have more than 1 live section
 - Different instructors
 - Undergrad and grad sections



Choosing courses

- Determine frequency desired courses are taught (each semester, once/year, once every few years)
 - List of course offerings on **dept. web page**
 - Frequency of course offerings is NOT guaranteed
- Plan to take courses when they are offered



Choosing courses

- 3 campuses
 - Main campus (MC)
 - Rice Campus (RI)
 - Downtown campus (DT)
- CS/CSP courses are taught at MC and Rice campuses
- MBA, MSF courses are taught at DT campus



TV courses

- IIT/V: closed-circuit TV televised live to various sites around Chicago area
 - Phones in TV classrooms allow TV students to communicate with live class
 - Exams couriered to specified TV site
 - Courses given on Main Campus (MC) will be televised to sites away from MC
 - Courses taught at Rice will be televised to MC and to sites away from Rice
 - Usually also offered as internet



MEETING TIMES

- M – Monday
- T – Tuesday
- W – Wednesday
- R – Thursday
- F – Friday
- S – Saturday
- No Sunday classes
- TR means classes meets on Tues & Thurs.*



IN courses

- IN: taped lectures are video streamed for internet, posted in Blackboard
 - Must specify a IN site
 - No time constraints
 - Exams couriered to specified site
 - Be sure final exam times don't conflict with one another
- Can visit live class during the semester; seating not guaranteed
- Only 1 IN course for F-1 students/semester



Filled courses

- Register only for courses that you are planning to take
- Waitlist
 - Add your name to the wait list for a course
 - You will receive an email when a seat becomes available
 - You must register for the course within specified time or your seat will be re-assigned



SECTION CODES

MC – Main campus
 RI – Rice
 TVR – televised from Rice
 TVM - televised from MC
 IN - Internet
 II – India Internet



Academics

- Must maintain 3.0/4.0 GPA
 - A = 4.0, B = 3.0, C = 2.0, E = 0
 - Earn all A's and B's
 - Need ≥ 3.0 GPA to graduate
 - < 3.0 results in Academic Probation
- Must maintain full time status if F-1
 - Cannot drop a course after drop deadline
 - Must be registered for 9 credit hours



Academics

- Academic probation
 - < 3.0 GPA
 - Registration hold, must sign contract for no C's, E's
 - 2 semesters to get out of probation
- Course repeat
 - Fill out course repeat form
 - Second grade calculated in GPA, 1st grade still appears on transcript



Academic dishonesty

- Do your own work
 - No plagiarism from internet, texts
 - No copying from other students, past or present
- First case of dishonesty
 - Student will get "C" or "E" for homework OR course
 - Course "E" = academic probation
 - Goes into student file
- Second case of dishonesty
 - Student dismissal



Co-op

- Co-op requires 2 full time semesters in good academic standing ($\geq 3.0/4.0$ GPA)
- 2nd degree CPT students must take 9 cr. hrs. of CS courses in good academic standing to be eligible for co-op



Program of Study Form

- Also called: 401 form or POS form
- Must be approved by advisor, department, and grad college before completion of 9 cr. hrs. of degree credits
- Registration hold during first semester until form is submitted to grad college
- Submit online before end of October
- Must meet all degree requirements



Academics

- Manage time
- Get help sooner rather than later
 - TA's, instructor
- Evaluate your abilities and course expectations: be realistic
- Address weaknesses: take courses



Resources

- Instructor, TA's
- Advisor
- Contact the dept. with any concerns
- Health services: medical
- Psychological: counseling services (homesickness, depression)
- Galvin Library



Resources

- International Center
 - Have programs to help students learn the American culture and the English language
 - Know immigration regulations
- Career Management Center
 - Register in database for jobs, on-campus & off-campus
 - Can help write resumes
 - Sponsor Career Fair twice/year



Finally

HAVE A GOOD SEMESTER!



Helpful Hints

- Include your Banner ID with all emails
- Be sure your full name is included in your email
- Indicate course # and sec.
- Do not be afraid to ASK questions



Questions

- Ask your advisor
- Ask Graduate Student Coordinator
- Ask in the CS dept.
- Ask instructor

