Welcome to Stevens Computer Science

Iraklis Tsekourakis
Associate Chair for Graduate Studies in
Computer Science
January 15, 2019

Associate Chair for MS in CS

- Iraklis Tsekourakis
- More info on MS in CS can be found also online at itsekour.github.io

CS Offers 4 Masters Degrees

https://www.stevens.edu/schaefer-schoolengineering-science/departments/computerscience/graduate-programs

- 1. Computer Science
- 2. Cybersecurity
- 3. Enterprise and Cloud Computing
- 4. Media and Broadcast Engineering

MS-CS Degree

- 30 credits, 3.0 GPA
- Courses must be numbered 500 or higher
- 7 courses must have CS number; up to 3 courses may be any grad course
- At least 3 courses must be in CS core set 510, 511, 513...694 (see online under "curriculum overview", 20 courses)
 - □ <u>Degree Requirements</u>
- Your admission letter may state conditions
 - Courses taken to fulfill conditions count toward degree

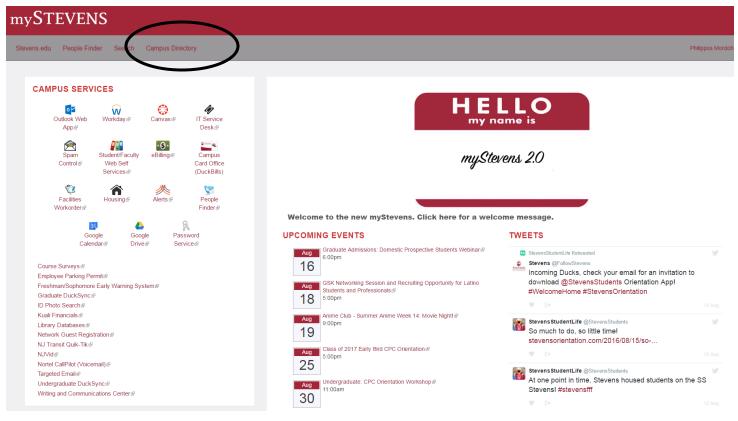
Core Courses

- CS 510 Principles of Programming Languages
- CS 511 Concurrent Programming
- CS 513 Data Mining and Knowledge Management
- CS 520 Introduction to Operating Systems
- CS 521 TCP/IP Networking
- CS 522 Mobile Systems and Applications
- CS 524 Introduction to Cloud Computing
- CS 526 Enterprise and Cloud Computing
- CS 537 Interactive Computer Graphics
- CS 541 Artificial Intelligence

- CS 545 Human Computer Interaction
- CS 546 Web Programming
- CS 548 Enterprise Software Architecture and Design
- CS 549 Distributed and Cloud Computing
- CS 561 Database Management Systems I
- CS 573 Fundamentals of Cybersecurity
- CS 578 Privacy in a Networked World
- CS 600 Advanced Algorithm Design and Implementation
- CS 677 Parallel Programming for Many-core Processors
- CS 694 Advanced Computational Modeling in Biology and Biomaterials

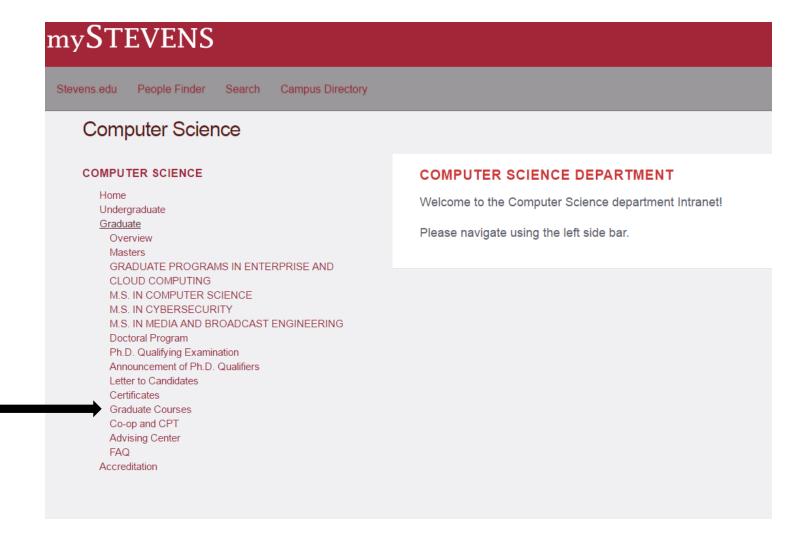
Course Information - Important

- See CS department intranet
- Go to my.stevens.edu and click on Campus Directory, navigate to Computer Science



Course Information - Important

See CS department intranet



Course Information - Important

- Intranet has course syllabi and outcomes
 - Outcomes are what students should be able to do at the completion of the course
- The department page has ALL courses, regardless of whether they are offered in the current semester
- Check course descriptions on the <u>academic catalog</u>
- See Registrar's page for courses offered this semester (<u>stevens.edu/registrar</u>)
 - □ Click "Course Offerings", "Home" and "Course Section Search" for advanced search options

Courses

- Courses offered in-class and via WebCampus
 - Equivalent
 - □ US government restricts international students to take at least 6 credits on campus per semester
- First digit indicates level: e.g., 600-level more advanced than 500-level
- Important exception: "special topics" courses always numbered CS 810
 - Consider taking these one-time courses

Grades

- Graduation requires minimum average of 3.0 on 4-point scale (i.e., B average)
- Cause for probation:
 - ☐ GPA falls below 3.0, or
 - □ Receive an F in any course
 - □ Fail to fulfill an admission requirement (e.g., take CS 570 and get a B+)

Registration procedure today

- Choose courses now
- Conditions in your admission letter?
- To waive pre-requisites: attend first class, get permission of instructor; submit "change of enrollment" (add/drop) form:

https://www.stevens.edu/directory/office-registrar/forms



Office of the Registrar Phone: 201.216.3756 Fax: 201.216.8030 registrar@stevens.edu www.stevens.edu/registrar

${\bf Master's} \qquad {\bf Study} \ {\bf Plan} \ \underset{\tiny (Check \ one)}{\bf Application \ for \ Candidacy}$

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GRADUATE ENROLLMENT FORM

If at all possible, please enroll on line. Instructions can be found at: http://www.stevens.edu/sit/registrar/policies-procedures/

OFFICE OF GRADUATE ACADEMICS APPROVAL (IF REQUIRED)

PLEASE PRINT	CLEAF	HAS CHANGED	STUDENT IDENTIFICATION NUMBER				
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ADVISOR APPROV	AL (IF REC	(UIRED)					DATE

DATE



Office of the Registrar

Stevens Institute of Technology Castle Point on Hudson Hoboken, NJ 07030-5991 FAX 201.216.8050 registrar@stevens.edu http://www.stevens.edu/registrar

Change of Enrollment

LAST NAME	LAST NAME STUDENT IDENTIFICATION NUMBER									
FIRST NAME	FIRST NAME MIDDLE NAME									
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STUDENT SIGN	STUDENT SIGNATURE DATE									
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SUBJECT (e.g. MA)	NUMBER (e.g., 123)	SEC. (e.g., A)	CRED.	INSTRUCTOR'S SIGNA	TURE		DATE	REASON FOR OVERRIDE (INSTRUCTOR USE ONLY)		
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APPROVAL	APPROVAL SIGNATURES									
Graduate students only) ADVISOR (Drops after the specified date) DATE										
OFFICE OF UNDERGRADUATE ACADEMICS/DEAN OF GRADUATE ACADEMICS (Drops after the specified date) DATE										
REGISTRAR										
ADVISOR/DE	ADVISOR/DEAN SPECIAL INSTRUCTIONS:									

January 5, 2015, Change_of_Enrollment.doc

Last day to add/drop: Friday, Feb 4th.

General Advice

If there are conditions on your admission, advisors will not waive them

- Pre-requisites may be waived by course instructors
 - ☐ The same pre-requisite (e.g. CS 590) may mean different things for different courses

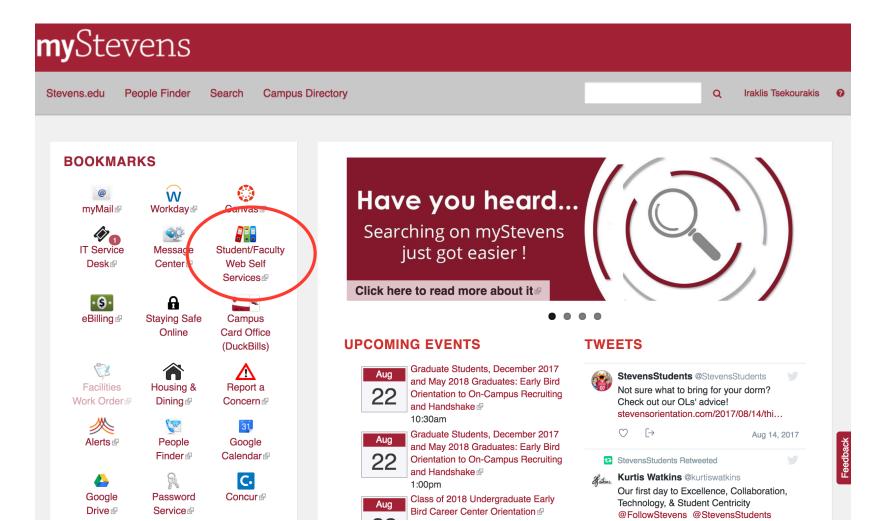
If you plan to take more than 3 technical courses, don't do it in the first semester

MS Advisors

- Computer Science: Professors Dunn, Klappholz, Kleinberg, Wang, and Tsekourakis
- Cybersecurity: Prof. Nicolosi
- Enterprise and Cloud Computing: Prof. Duggan
- Media and Broadcast Engineering: Prof. Tsekourakis

Find your advisor

Go to my.stevens.edu and click on Student/Faculty Web Self Services



Find your advisor II



Term Personal Info	Student Records Registra	tion Financial Aid	Courses	
	Grades			
	Account Summary and Electronic Payment			SITE MAP HELP HOME EXIT
	Holds			
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Student Services	Institutional Coursework			
	Transfer Credit			
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	Craduation Checkout			
2017 Fall	Parking Permit Request			
2017 Fall	Graduate Student Campus Domain Account Request			
Personal Info	Sece Status			
	s, E-mail Addresses Page, Change PIN	Marital Status.		

Student Records

Grades, Account Summary and Payment, Holds, Unofficial Transcript, 1098-T, Advisor, Graduation Checkout, Parking Request, Disk Storage, MAC Addresses and Undergraduate SECE Status.

Registration

Add and Drop Classes, Conditional Drop and Add, Change Class Options, Student Schedule, Detailed Schedule, and Registration Status.

Financial Aid

Financial Aid Summary, Award Information by Year, Award History, Student Requirements, Cost of Attendance, Academic Progress, and E-mail to Financial Aid Office.

Courses

Course Sections, Course Section Search.

Any problems or comments send an e-mail to ssc@stevens.edu

RELEASE: 1.20

SUNGARD' HIGHER EDUCATION

To Get Help

- Academics:
 - See FAQ on CS intranet first, or my personal page FAQ
 - https://itsekour.github.io/faq.html
 - https://my.stevens.edu/ses/cs/graduate/faq
 - □ Ask Ms Jannine Cucchiara (NB 323)
 - Ask your advisor
- Paperwork: North building, room 323
 - Ms Jannine Cucchiara
- Visa issues: ISSS
- Financial Issues: Student Service Center

Email

- You MUST maintain your "myStevens account" (i.e., <u>ID@stevens.edu</u>)
 - Important email announcements sent there
 - You should set up email forwarding to elsewhere
 - "Maintain" means: either read email at www.stevens.edu/mymail or forward email to your preferred address
 - Account is created automatically for you

Job Opportunities On Campus

- Within CS department:
 - □ Research assistant (RA) -- \$2400/mo stipend, plus tuition remission
 - □ Teaching assistant (TA) same
 - □ Graduate assistant (GA) tuition remission
 - □ Course Assistant (CA) \$15/hour
 - ☐ Grader \$10/hour
- We do not hire first-semester students
- CURRENTLY, NO POSITIONS AVAILABLE
- Openings in future semesters will be announced by email

Curricular Practical Training (CPT)

- CPT allows student to work off campus (for pay, experience, to make contacts) while maintaining full-time student status
- International student must have spent at least one academic year as full time student before CPT is permitted (a US government rule)
- CS department offers CPT credit:
 - 1. 1-credit CPT course, CS 703 (full or part time)

CS 703

- 1-2 credit course (3 credits max)
- You must find your own job (full or part time)
- Job must be technical & related to your education
- Job must be pre-approved by your Prof. Damopoulos before you can register
- At end of semester, must write a report of activities and give oral presentation on campus

CPT Coordinator

For further info: contact Prof. Damopoulos ddamop@stevens.edu