



# Welcome to Stevens Computer Science

Iraklis Tsekourakis  
Associate Chair for Graduate Studies in  
Computer Science  
August 20, 2019



# Associate Chair for MS in CS

- Iraklis Tsekourakis
- More info on MS in CS can be found also online at [itsekour.github.io](https://itsekour.github.io)



# CS Offers 4 Masters Degrees

<https://www.stevens.edu/schaefer-school-engineering-science/departments/computer-science/graduate-programs>

1. Computer Science
2. Cybersecurity
3. Machine Learning
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)
  - [Degree Requirements](#)
- 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

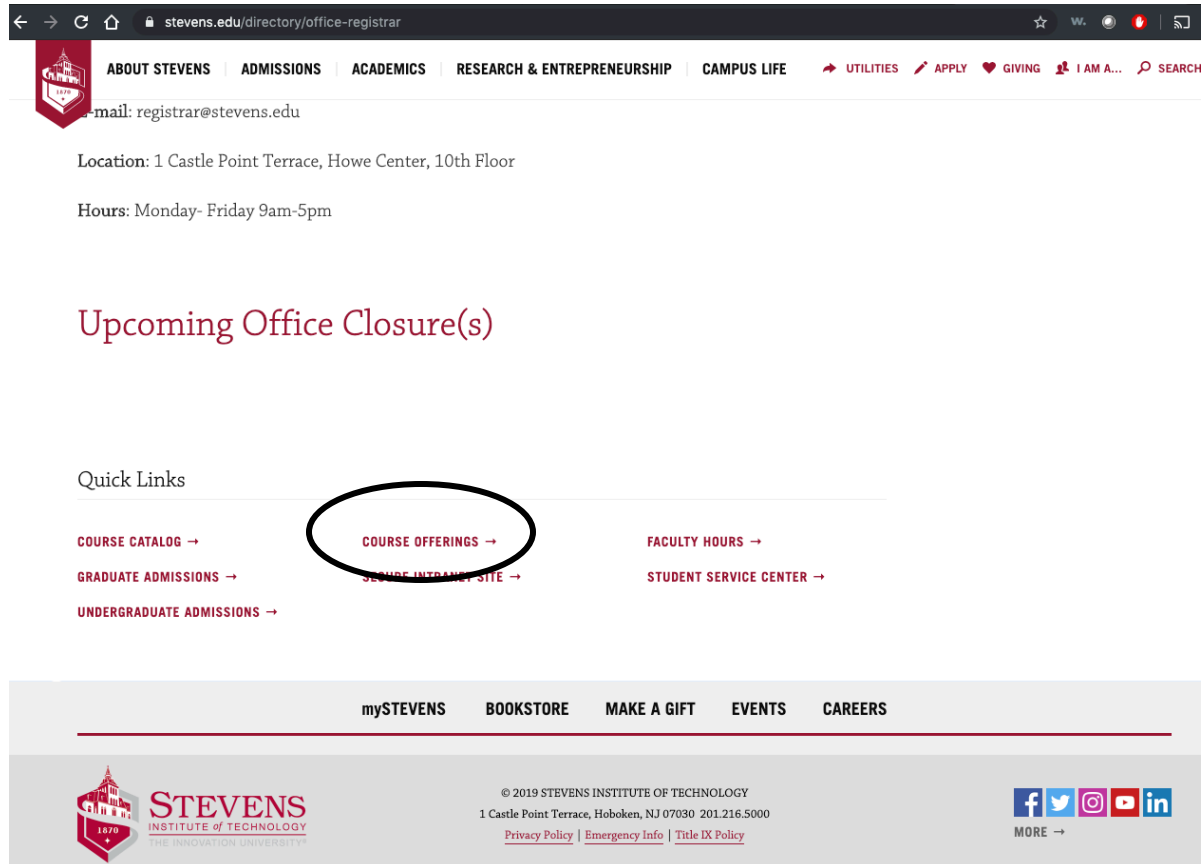


# Course Information - Important

- See [academic catalog](#)
  - Course descriptions, and prerequisites
- Go the [wiki page](#) for the graduate studies of the department:
  - Course syllabi and outcomes
  - FAQ
- These pages have ALL courses, regardless of whether they are offered in the current semester

# Course Information - Important

- See course offerings for the current semester at the [registrar's website](#)



The screenshot shows the Stevens Institute of Technology registrar's website. The browser address bar displays `stevens.edu/directory/office-registrar`. The navigation menu includes links for ABOUT STEVENS, ADMISSIONS, ACADEMICS, RESEARCH & ENTREPRENEURSHIP, CAMPUS LIFE, UTILITIES, APPLY, GIVING, I AM A..., and a SEARCH function. The contact information for the registrar is provided, including an email address and location. A section titled "Upcoming Office Closure(s)" is present. Below this, a "Quick Links" section features a grid of links, with "COURSE OFFERINGS" circled in black. The footer contains a secondary navigation bar with links for mySTEVENS, BOOKSTORE, MAKE A GIFT, EVENTS, and CAREERS. The bottom of the page includes the Stevens Institute of Technology logo, copyright information for 2019, contact details, and social media links.

stevens.edu/directory/office-registrar

ABOUT STEVENS | ADMISSIONS | ACADEMICS | RESEARCH & ENTREPRENEURSHIP | CAMPUS LIFE | UTILITIES | APPLY | GIVING | I AM A... | SEARCH

mail: registrar@stevens.edu

Location: 1 Castle Point Terrace, Howe Center, 10th Floor

Hours: Monday- Friday 9am-5pm

Upcoming Office Closure(s)

Quick Links

COURSE CATALOG →

GRADUATE ADMISSIONS →

UNDERGRADUATE ADMISSIONS →


**COURSE OFFERINGS →**

SECURE INTRANET SITE →


FACULTY HOURS →

STUDENT SERVICE CENTER →

mySTEVENS | BOOKSTORE | MAKE A GIFT | EVENTS | CAREERS

 **STEVENS**  
INSTITUTE of TECHNOLOGY  
THE INNOVATION UNIVERSITY™

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1 Castle Point Terrace, Hoboken, NJ 07030 201.216.5000  
[Privacy Policy](#) | [Emergency Info](#) | [Title IX Policy](#)

 MORE →



# 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 to enroll**
- **Start preparing the study plan form**
  - Submit to Ms. Jannine Cucchiara by the end of September
- 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>



**STEVENS**  
INSTITUTE of TECHNOLOGY  
THE INNOVATION UNIVERSITY

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

**Master's      Study Plan      Application for Candidacy**

*(Check one)*

Last Name: \_\_\_\_\_

Student Identification No.: \_\_\_\_\_

First Name: \_\_\_\_\_

Anticipated Graduation: 20 \_\_\_\_      Spring      Summer      Fall

Major: \_\_\_\_\_

International Students: Applying for O.P.T.?      Yes      No

Concentration: \_\_\_\_\_

Degree:      MA      ME      MS      MPh      MTM      MBA      EMBA

**Major (Please list in the order as they appear on your transcript)**

Year	Term	Institution (if not Stevens)	Course Number	Course Name	Grade (if Rec'd)	Credits

**Electives**

Year	Term	Institution	Course Number	Course Name	Grade (if Rec'd)	Credits

**No Credit**

Year	Term	Institution	Course Number	Course Name	Grade (if Rec'd)	Credits

STUDENT SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

ADVISOR SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

DEAN OF GRADUATE ACADEMICS \_\_\_\_\_ DATE \_\_\_\_\_

ADVISOR NAME (PRINT) \_\_\_\_\_

REGISTRAR \_\_\_\_\_ DATE \_\_\_\_\_

## GRADUATE ENROLLMENT FORM

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

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

☐ CHECK HERE IF YOUR ADDRESS HAS CHANGED

STUDENT IDENTIFICATION NUMBER

LAST NAME	FIRST	MIDDLE	DATE OF BIRTH (MM/DD/YYYY)	<input type="checkbox"/> MALE <input type="checkbox"/> FEMALE
HOME ADDRESS	STREET	APT.	EMAIL ADDRESS	
CITY	STATE	ZIP CODE	PHONE	<input type="checkbox"/> HOME <input type="checkbox"/> MOBILE

SEMESTER: ☐ FALL ☐ WINTER ☐ SPRING ☐ SUMMER I ☐ SUMMER II ☐ YEAR TERM 20

### SPECIAL NOTES ABOUT ENROLLMENT

- **It is the student's responsibility to drop/withdraw from an enrolled course. Non-attendance, for example, will not drop you from a course and you will still be financially responsible for the course.**
  - **If tuition is being paid by a third party (sponsor, employer, etc.), and they do not pay, responsibility to pay falls to the student.**
  - Enrollment into more than 12 credits requires the approval of the advisor and the Dean of Graduate Academics.
  - Initial Study Plans are due by the mid-point of the term. Failure to submit a Study Plan will result in not being allowed to enroll in subsequent terms.
  - The Application for Candidacy (A/C) is an absolute requirement for graduation.
- If you are completing in the fall, your A/C must be submitted by October 1 in the term you that are completing the degree.  
If you are completing in the spring, your A/C must be submitted by February 15 in the term you that are completing the degree.

COURSE NUMBER EX: MGT 609	SECTION EX: A	COURSE SECTION TITLE EX: Project Management Fundamentals	INSTRUCTOR SIGNATURE (IF NEEDED)	REASON FOR APPROVAL (E.G., WAIVE PREREQ AND/OR CAP) (INSTRUCTOR USE ONLY)	CREDITS EX: 3
TOTAL					0.0

**ONLY COMPLETE THIS SECTION IF YOU HAVE NOT PROVIDED THIS INFORMATION BEFORE.**

If you have not provided your Social Security Number to Stevens before, it is not required, but strongly recommended that you do so. Please enter it in the Student Identification Number box at the top of the form.

In conjunction with the Civil Rights Act of 1964 of the United States Department of Health, Education and Welfare, we are required to collect basic racial-ethnic information of the student body at Stevens. This information is needed for many state and federal reports and it is held as confidential material and will not be released without your consent. Only statistical data is released to government or any agencies. It is not mandatory for you to complete this section; however, we would appreciate your cooperation in assembling this necessary data. Some Government funding, which Stevens receives, is based upon this data.

**ETHNICITY:**

- ☐ HISPANIC OR LATINO  
☐ NOT HISPANIC OR LATINO

RACE (CHOOSE ONE OR MORE):

- ☐ AMERICAN INDIAN OR ALASKA NATIVE  
☐ ASIAN  
☐ BLACK OR AFRICAN-AMERICAN  
☐ HAWAIIAN OR OTHER PACIFIC ISLANDER  
☐ WHITE

STUDENT SIGNATURE (REQUIRED)	DATE
ADVISOR APPROVAL (IF REQUIRED)	DATE
OFFICE OF GRADUATE ACADEMICS APPROVAL (IF REQUIRED)	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		STUDENT IDENTIFICATION NUMBER	
FIRST NAME		MIDDLE NAME	
MAILING ADDRESS OR SIT BOX	STREET		<input type="checkbox"/> UNDERGRADUATE CLASS OF 20 ____ <input type="checkbox"/> GRADUATE
CITY	STATE	ZIP CODE	
STUDENT SIGNATURE			DATE

- The signature of the instructor and reason is required for prerequisite waivers, waiving cap, etc.
- The signature of the instructor is required for adds after the end of the drop/add period.
- Drops after the end of the drop/add period will be recorded as withdrawals (W) on the transcript.
- **For Graduate Withdrawals:** The signatures of the instructor, advisor and the Dean of Graduate Academics are required after the specified date in the academic calendar.
- **For Undergraduate Withdrawals:** The signatures of the instructor and approval of the Office of Undergraduate Academics are required after the specified date in the academic calendar.

TERM: ☐ FALL ☐ WINTER ☐ SPRING ☐ SUMMER I ☐ SUMMER II ☐ YEAR TERM YEAR: 20 \_\_\_\_

### ADD

SUBJECT (e.g. MA)	NUMBER (e.g., 123)	SEC. (e.g., A)	CRED.	INSTRUCTOR'S SIGNATURE	DATE	REASON FOR OVERRIDE (INSTRUCTOR USE ONLY)

### DROP/WITHDRAW \*\*

SUBJECT	NUMBER	SEC.	CRED.	INSTRUCTOR'S SIGNATURE	DATE	NOTES (INSTRUCTOR USE ONLY)

### 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 \_\_\_\_\_ DATE \_\_\_\_\_

ADVISOR/DEAN SPECIAL INSTRUCTIONS:

Last day to  
add/drop:  
Monday, Sep,  
9<sup>th</sup>.

Stevens Academic  
Calendar



# 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, Xu, Ning, Wang, and Tsekourakis
- Cybersecurity: Prof. Nicolosi
- Enterprise and Cloud Computing: Prof. Duggan
- Media and Broadcast Engineering: Prof. Tsekourakis
- Machine Learning: Prof. Tsekourakis

# Find your advisor

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

The screenshot displays the myStevens website. At the top, the 'myStevens' logo is on the left, and navigation links for 'Stevens.edu', 'People Finder', 'Search', and 'Campus Directory' are in the center. A search bar and the user name 'Iraklis Tsekourakis' are on the right. The main content area is divided into three sections: 'BOOKMARKS', 'UPCOMING EVENTS', and 'TWEETS'. In the 'BOOKMARKS' section, the 'Student/Faculty Web Self Services' link is circled in red. The 'UPCOMING EVENTS' section lists three events for August 22nd. The 'TWEETS' section shows a tweet from @StevensStudents and a retweet from @kurtiswatkins. A vertical 'Feedback' button is located on the far right edge.

**myStevens**

Stevens.edu People Finder Search Campus Directory

Iraklis Tsekourakis

### BOOKMARKS

- myMail
- Workday
- Canvas
- IT Service Desk
- Message Center
- Student/Faculty Web Self Services**
- eBilling
- Staying Safe Online
- Campus Card Office (DuckBills)
- Facilities Work Order
- Housing & Dining
- Report a Concern
- Alerts
- People Finder
- Google Calendar
- Google Drive
- Password Service
- Concur

### Have you heard...

Searching on myStevens just got easier!

Click here to read more about it

### UPCOMING EVENTS

- Aug 22** Graduate Students, December 2017 and May 2018 Graduates: Early Bird Orientation to On-Campus Recruiting and Handshake 10:30am
- Aug 22** Graduate Students, December 2017 and May 2018 Graduates: Early Bird Orientation to On-Campus Recruiting and Handshake 1:00pm
- Aug** Class of 2018 Undergraduate Early Bird Career Center Orientation

### TWEETS

- StevensStudents** @StevensStudents Not sure what to bring for your dorm? Check out our OLs' advice! [stevensorientation.com/2017/08/14/thi...](http://stevensorientation.com/2017/08/14/thi...) Aug 14, 2017
- StevensStudents Retweeted
- Kurtis Watkins** @kurtiswatkins Our first day to Excellence, Collaboration, Technology, & Student Centricity @FollowStevens @StevensStudents

Feedback



# Find your advisor II



Term	Personal Info	<u>Student Records</u>	Registration	Financial Aid	Courses
------	---------------	------------------------	--------------	---------------	---------

Grades  
Account Summary and Electronic Payment  
Holds  
Unofficial Transcript  
Institutional Coursework  
Transfer Credit  
IRS Form 1098-T Information  
**Advisor**  
Graduation Checkout  
Parking Permit Request  
Graduate Student Campus  
Domain Account Request  
Sece Status

[SITE MAP](#) [HELP](#) [HOME](#) [EXIT](#)

## Student Services

 Use the navigation bar on site

atures described on this page.

2017 Fall

### Personal Info

Addresses, Personal Phone Numbers, 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](mailto:ssc@stevens.edu)

RELEASE: 1.20

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# To Get Help

## ■ Academics:

- See FAQ on CS intranet first, or my personal page FAQ
  - <https://itsekour.github.io/faq.html>
  - <https://www.srcit.stevens.edu/wiki/index.php/Graduate>
- Ask Ms Jannine Cucchiara (NB 323)
- Ask your advisor

## ■ Paperwork: Advising Center

- North building, room 323
- Ms Jannine Cucchiara

## ■ Visa issues: ISSS

## ■ Financial Issues: Student Service Center



# Email

- You MUST maintain your “myStevens account” (i.e., [ID@stevens.edu](mailto:ID@stevens.edu))
  - Important email announcements sent there
  - You should set up email forwarding to elsewhere
  - “Maintain” means: either read email at [www.stevens.edu/mymail](http://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
  - 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 Prof. Tsekourakis 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. Tsekourakis  
[itsekour@stevens.edu](mailto:itsekour@stevens.edu)