



**DEN@Viterbi**  
**COMPUTER SCIENCE ORIENTATION**  
Academic Info

*Flor Martínez*  
*Assistant Director, CSCI Student Affairs*

*Art Perez*  
*Assistant Director, CSCI Student Affairs*



# AGENDA

- Welcome to DEN@Viterbi & USC
- Important Dates & Deadlines
- Degree Requirements
- CS Dept. Policies, Procedures, Tips
- Advisement: DEN D-clearance
- DEN Contact Information



# Welcome to DEN@Viterbi and USC!

## Flor Martínez, M.S. Student Advisement (A – Ma)

Contact info:

Phone 213-740-3310

Email [fmmartin@usc.edu](mailto:fmmartin@usc.edu)



## Art Perez, M.S. Student Advisement (Mb – Z)

Contact info:

Phone 213-740-4779

Email [arturope@usc.edu](mailto:arturope@usc.edu)





# UNIVERSITY CALENDAR – Fall 2017

- Aug 18 Last day to register and pay without late fee
- Aug 21 Fall semester classes begin
- Aug 21–Sept 8 Late registration and change of program
- Sept 8 Last day to drop a class without a mark of "W," except for Monday-only classes, and receive a 100% refund
- Sept 8 Deadline for purchasing or showing proof of health insurance
- Sept 8 Last day to register and add classes
- Sept 8 Last day to change enrollment option to Pass/No Pass or Audit
- Sept 8 Last day to purchase or waive tuition refund insurance

# UNIVERSITY CALENDAR – Fall 2017cont.



Sept 12	Last day to drop a <u>Monday-only class</u> without a mark of “W” and receive a 100% refund or change to Pass/No Pass or Audit
Oct 6	Last day to drop without a “W” but no refund
Nov 10	Last day to drop a class with a mark of “W”
Dec 1	Fall semester classes end
Dec 2- 5	Study days
Dec 6-13	Final examinations
Dec 14-Jan 7	Winter recess



# PROGRAM REVIEW – CS DEN PROGRAMS

- Master of Science in Computer Science (General)
- Master of Science in Computer Science (Data Science)
- Master of Science in Computer Science (Software Engineering)
- Master of Science in Computer Science (Computer Security)
- Master of Science in Computer Science (Scientists and Engineers)
- Graduate Certificate in Software Architectures.

## CS ON-CAMPUS PROGRAMS

- Specializations in Game Development, High Performance Computing and Simulations, Intelligent Robotics, Computer Networks, Multimedia



# PROGRAM REVIEW – Informatics

- Master of Science in Cyber Security Engineering

## INF ON-CAMPUS PROGRAMS

- Data Informatics, Spatial Informatics, Communication Informatics



# Master of Science in Computer Science (General Program)

*Requirements for Graduation Without Thesis, 28 units total with 3.0 GPA overall:*

- CSCI 570 – Analysis of Algorithms (4 units) **encouraged to take 1<sup>st</sup> semester**
- Choose 2 of the following:
  - CSCI 561 – Foundations of Artificial Intelligence (4 units)
  - CSCI 571 – Web Technologies (4 units)
  - CSCI 585 – Database Systems (4 units)
- Choose an additional 12 units of CSCI courses (only one course may be 400 level)
- **Recommended Electives (4 units):**

Multiple combinations of options exist to complete the remaining units necessary to earn the degree.



# Master of Science in Computer Science (Data Science)



*Requirements for Graduation, 32 units total with 3.0 GPA overall:*

Data Science Core – 4 courses – 12 units

- CSCI 570 – Analysis of Algorithms (4 units)
- CSCI 585 – Database Systems (4 units)
- CSCI 561 – Foundations of Artificial Intelligence (4 units)

Group Electives - 3 courses – 11 units - minimum 1 course from each of the two groups (\* is planned DEN offering):

- Group 1 – CSCI **572 (4 units)**
- Group 2 – CSCI **567 (4 units)**, ISE **520 (3 units)**

Additional Electives – 9 units units- any 500 or 600 level course in CSCI (including additional group electives).



# Master of Science in Computer Science (Software Engineering)

*Requirements for Graduation*, 32 units total with 3.0 GPA overall:

- CSCI 570 – Analysis of Algorithms (4 units)
- Two courses from following: CSCI 561, 585, 571
- Take all 4 Courses: CSCI 510, CSCI 577A\*, CSCI 577B, CSCI 578
- Choose 1 courses from the following list of electives: CSCI 512, CSCI 568, CSCI 590 (max 2 units), CSCI 591 (max 2 units), CSCI 599



# Master of Science in Computer Science (Computer Security)

*Requirements for Graduation, 32 units total with 3.0 GPA overall:*

- CSCI 570 – Analysis of Algorithms (4 units)
- **CSCI 530 (encouraged to take 1<sup>st</sup> semester)**, CSCI 531, CSCI 551, CSCI 555
- Choose 2 courses from the following: CSCI 561, CSCI 571, CSCI 585
- Complete 4 units from one of more of the following: CSCI 556, CSCI 577a, CSCI 578, CSCI 599, CSCI 590 (max 2 units), CSCI 591 (max 2 units)



# Master of Science in Computer Science (Scientists and Engineers)

- 37 program units. 33 degree applicable units. 3.00 GPA required to graduate.
- Programming Requirement (4 units) – CSCI 455x (***must be taken in 1<sup>st</sup> semester and cannot be waived***)
- Foundational Requirements – CSCI 402 and [EE 457 OR EE 450]
- Breadth Requirements – CSCI 570, CSCI 561, CSCI 585, CSCI 571\*
- Electives – Select two courses from approved 500-level course work from Computer Science.
- 2-3 Elective units: can be completed with CSCI 590 and/or CSCI 591



# Master of Science in Cyber Security Engineering (28 units)

- Required Coursework (20 units): **INF 519 (encouraged to take 1<sup>st</sup> semester)**, CSCI 530, INF 523, INF 525, INF 529
- At least one of the following (3 or 4 units): INF 521, INF 526, INF 528
- Plus an additional 4-5 units from the list above or from the following: ENGR 596, INF 590, PTE 519, other courses may be approved in consultation with the department advisor



# CS Dept. Policies, Procedures, Tips

- Transfer Credit – possible to transfer in graduate units.
- Changing Specializations (scientists and engineers cannot change)
- You are able to petition to use a relevant course outside of the approved course list.
- If this is first semester, we strongly recommend only taking 1 class.
- Automatic pre-req waivers for 300-level and 400-level prerequisites if you want a 500-level CSCI class.
- Out of Sequence: If you receive a waiver to take an advanced course, you CANNOT go back to take the lower-level course. No credit will be awarded.
- Refer to the USC Schedule of Classes for planning purposes  
<http://classes.usc.edu/>
- Check your USC email regularly! Forward to Gmail account.
- Please always include your USC ID# when emailing us.



# Continuous Enrollment, Leaves of Absence, and Degree Time Limits

- USC requires graduate students to maintain continuous enrollment every Fall and Spring semester.
- Summer enrollment is optional.
- If you must miss a Fall or Spring semester, please contact us to request a Leave of Absence before Friday of Week 3 of the semester (the add/drop deadline for courses).
- International Students must request the Leave of Absence from GAPP and OIS
- Breaking continuous enrollment will result in re-application and re-admission to the program.
- You have 5 years to complete the degree program from the term of your first course.

# HOW TO REQUEST D-CLEARANCE FROM DEN

All DEN courses require D-clearance.



COURSE HOME | CONTENT | WIGGIO GROUPS | MY CLASS ▾ | SUPPORT | DEN@VITERBI TOOLS

Click Here



**DEN@Viterbi Tools**

**Enrollments**

- Request D-Clearance
- Check D-Clearance Status
- DEN Terms of Service

**Profile**

- Update Profile

30506D-EE450\_20152  
30422D-EE457Lx\_20152  
**30514D-EE477L\_20152**  
30442D-EE483\_20152(Close)  
30556D-EE532\_20152  
30471D-EE537\_20152  
Please Select a Course ▾

Pick your course

To begin D-Clearance, Please select a term to apply for D Clearance

Summer 2015 ▾ Select Term

Select the upcoming term

1. Login to DEN Desire2Learn: <http://courses.uscden.net>
2. Select DEN@Viterbi Tools
3. Select Request D-Clearance and submit required information based on course chosen
4. Approval process takes 1-3 business days. To check status of D-Clearance go to DEN@Viterbi Tools> Check D-Clearance Status
5. You can register once your request has been processed. D-clearances expire **7 days** from when it is issued so register as soon as you obtain it to secure a seat in a course.

For questions on D-Clearance status, contact [masters@gapp.usc.edu](mailto:masters@gapp.usc.edu)





# DEN@Viterbi Contacts

DEN@Viterbi Support	Contact Information	Staff
<u>Technical support,</u> <u>Desire2Learn training,</u> <u>Homework</u>	<a href="mailto:dentsc@usc.edu">dentsc@usc.edu</a> 213-740-9356	Rebecca Lee Bianca Richter
<u>Exams</u>	<a href="mailto:denexam@usc.edu">denexam@usc.edu</a> 213-740-9356	Shirley Schutt
GAPP Advisor for registration, d-clearance, policies and procedures	<a href="mailto:ptrinida@usc.edu">ptrinida@usc.edu</a> 213-740-0116	Patty Rinehart
Tuition Deferment or Vouchers	<a href="mailto:susannas@usc.edu">susannas@usc.edu</a> 213-740-8198	Susanna Sahakian



**THANK YOU!**

*HAVE A GREAT SEMESTER!  
FIGHT ON!*

*A recording of this online orientation and presentation will be available  
for viewing and download on the GAPP website.*