Computer Science and Engineering

Prof. Figueira

Prof. Musurlian

Christine Chye - Peer Advisor

Niyibitanga Inosa - Peer Advisor, Orientation Leader, NSBE

Stephanie Lu - ACM-W, Engineering Tour Guide

Leila Scola - SWE

Majors

Computer Science and Engineering
- COEN, ELEN, Math/CS, Phys

Web Design and Engineering
- COEN, COMM, ARTS, SOCI, Math

Programming Sequence

COEN 10, 11, 12 → All in C

- 10 – intro to programming
- 11 – advanced programming
- 12 – data structures

Use terminal and the command-line interface

Programming Sequence

If you are starting in 11

- Learn to use the terminal, command-line interface

If you are starting in 12

- Learn C and to use the terminal, command-line interface

Resources

- [Video on using terminal](#)
- Workshop on intro to C, provided by ACMW

Opportunities

Research
- Typically in the junior year

Robotics Systems Lab

Humanitarian Computing
- Available if you know Web/Mobile development

ACM - Association for Computing Machinery

Main society for computing professionals

- Two chapters that work together: ACM and ACMW
  - Workshops, speakers, events
- You should join and be active
  - They will be looking for a first year rep

Hack for Humanity

Hackathon in February/March

- Learn Web/Mobile development and join us!
- Organized by ACM/ACMW
- Applications for social impact
- Great way to meet CSE/WDE students

Other chapters

IEEE – Institute of Electrical and Electronics Engineers

SWE – Society of Women Engineers

SHPE – Society of Hispanic Professional Engineers

NSBE – National Society of Black Engineers

EWB – Engineers without Borders

Welcome to SCU

http://www.cse.scu.edu/~sfigueira/