School of EECS
State of Undergraduate and Graduate Programs
8th November 2022
Growing undergraduate and graduate programs!

Capstone projects.

Enrollment
GRADUATION: STATISTICS

Degrees Granted by Fiscal Year

- Ugrad-DA
- Ugrad-EE
- Ugrad-CptE
- Grad-EE/CptE
- Grad-CptS

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<tr>
<th>Year</th>
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<th>Ugrad-EE</th>
<th>Ugrad-CptE</th>
<th>Grad-EE/CptE</th>
<th>Grad-CptS</th>
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ACCREDITATION (ABET)

- All programs in EECS accredited by ABET, but by two different commissions:
  - Engineering Accreditation Commission (EAC): EE, CptE, SE
  - Computing Accreditation Commission (CAC): BA & BS CptS
- ABET generally grants six-year accreditation periods
- EECS’s most recent site visit occurred Sep./Oct. 2019
- ABET input led to:
  - Relatively minor curricular changes (math requirement for BA CptS; increased coverage of parallel/distributed computing, networking/communications, and secure computing)
  - Change in process used to randomly select students for assessment
- EECS received full accreditation till 2026
Capstone Project
- We have a high number of industry-sponsored projects currently

CS Capstone
- Fall 2021 cohort has 22 projects, out of which 19 are industry-sponsored.
- Companies sponsoring projects
  - Microsoft
  - Boeing
  - Pacific Northwest National Labs (PNNL)
  - Naval Sea Systems Command (NAVSEA)
  - Schweitzer Engineering Labs (SEL)
  - Latah Alliance on Mental Illness
  - Pullman Community Action Center
  - Disability Action Center – Northwest Chapter
  - SS Ventures
  - DigiClips
  - Millersville Games
  - SCALE Technologies
EE Capstone

- 9 projects, 6 sponsored by industry
- Philips Ultrasound; SwayM Tech; SEL; METER Group; and PNNL, Nectar Technologies
State has approved funding
New faculty lines (9 new faculty will be hired)
Curriculum development
1. Univ. of Illinois at Urbana-Champaign
2. Washington State University
3. Northeastern University
4. University of California - Riverside
5. University of California - San Diego
6. University of California - Irvine
7. Georgia Institute of Technology
8. Northwestern University
9. University of Utah
10. Duke University
11. University of Michigan
12. University of Central Florida
13. UCSB
14. University of California – Berkeley, University of Pittsburgh
16. NCSU
17. Penn State
18. TAMU
19. UCLA, University of Maryland, College Park, University of Notre Dame
Rising Stars in EECS by MIT, 2021 (Syrine Belakaria)
Heidelberg Laureate Forum, 2022 (Aryan Deshwal)
ACM SIGSOFT Distinguished Paper Award at ISSTA’22 (Haipeng Cai)
CASES 22 Best Paper Award (Harsh Sharma, Jana Doppa and Partha Pande)
Co-EIC of ACM Transactions on Intelligent Systems and Technology (ACM TIST) (Diane Cook)
IEEE DLP (Partha)
WSAS member (Mani)
Graduate student acquiring T/T position (Biresh Joardar)