



ECE Graduate Studies – Fall 2020

Professor Sennur Ulukus/ Graduate Studies Office/ Electrical and Computer Engineering

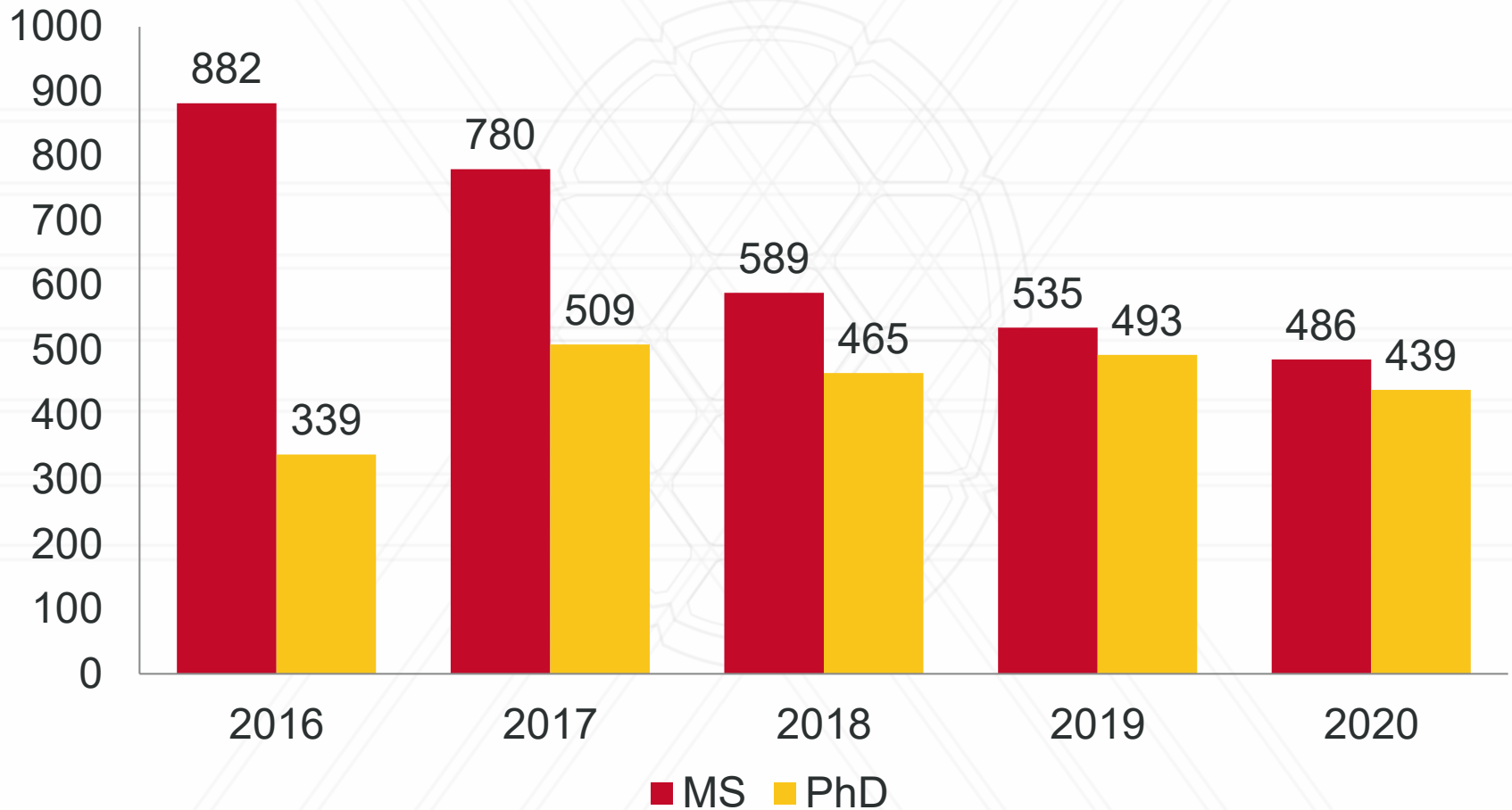


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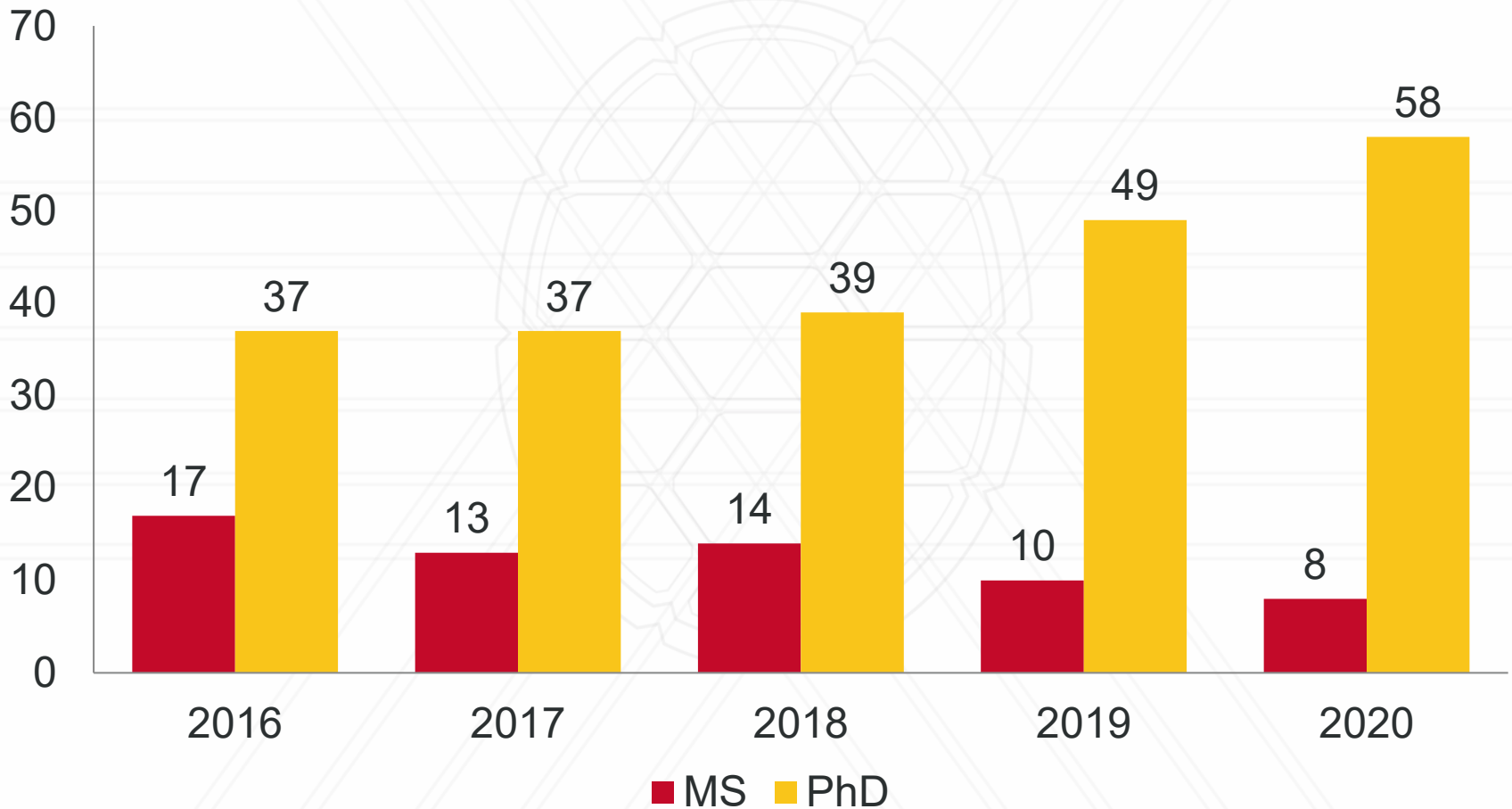
Four Items to Report Today

1. **ECE graduate program**
2. **ENTS program**
3. **MSML program**
4. **New items**

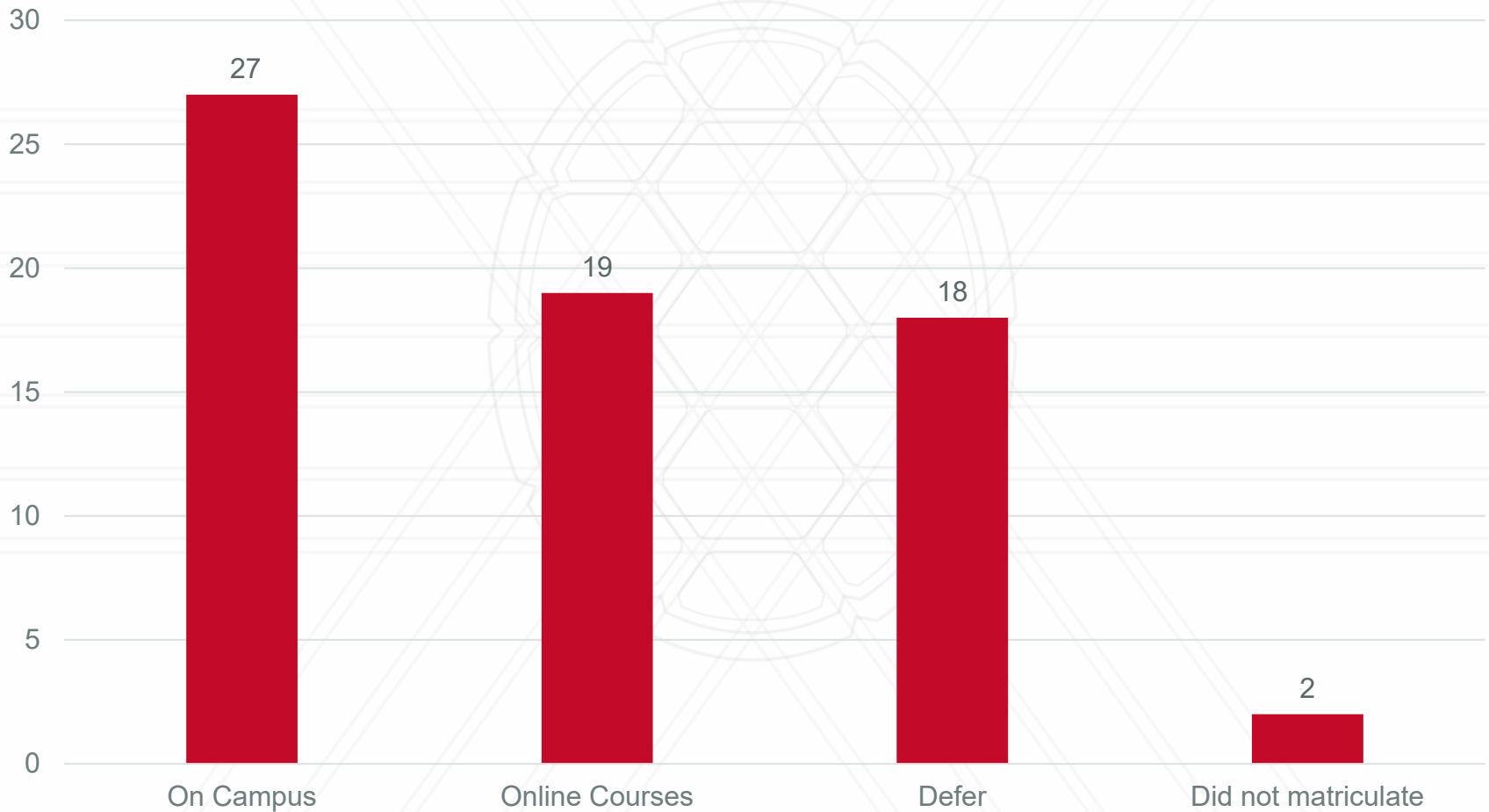
MS and PhD applications



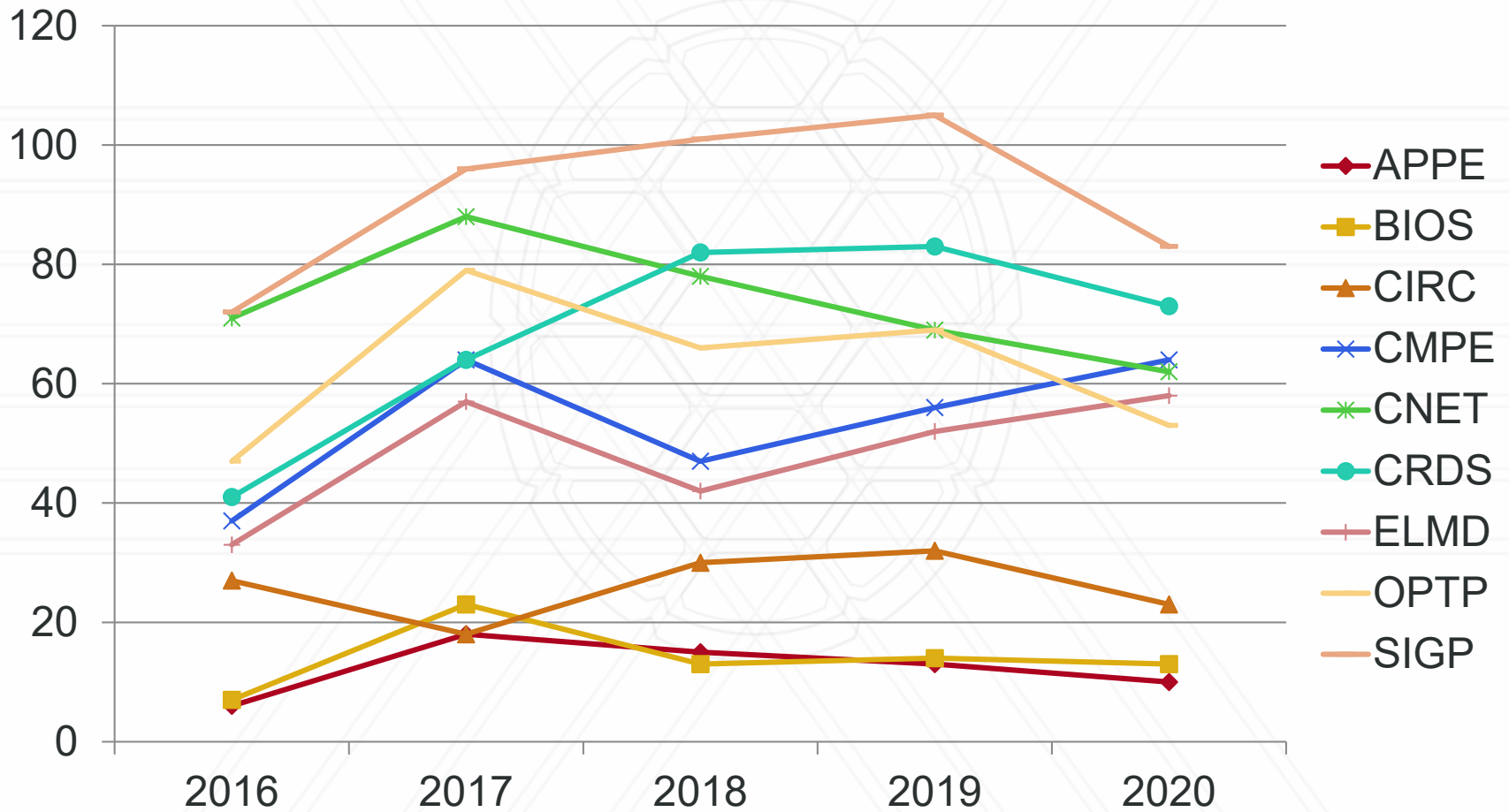
Incoming Graduate Students



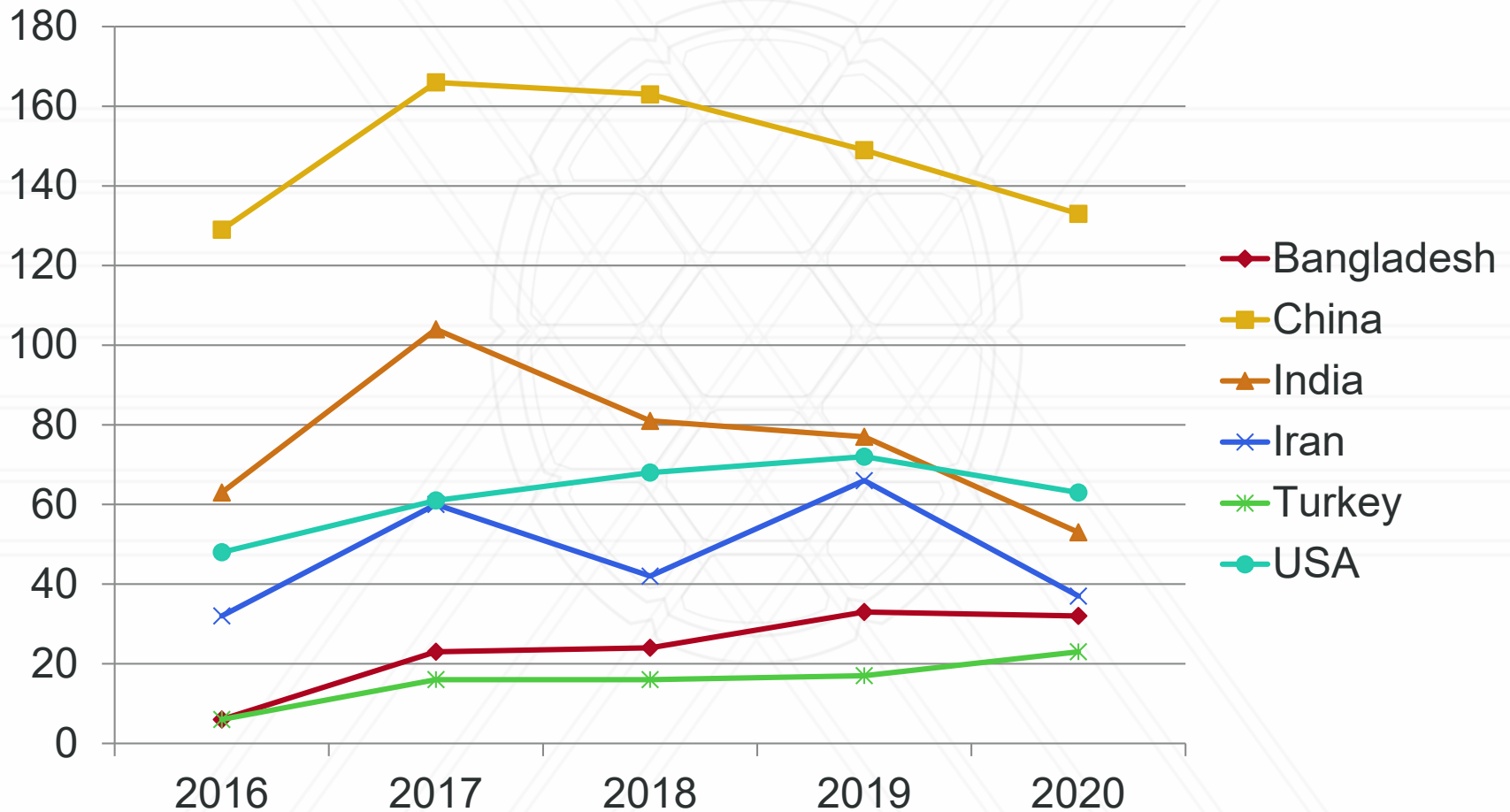
New Student Enrollment Method



PhD Applications by Area



PhD Applications by Country

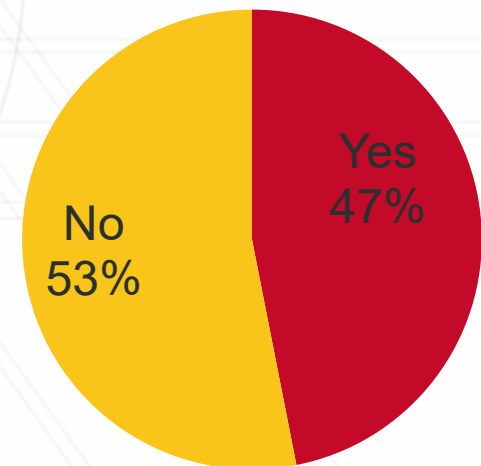


Fall 2020 Financial Offers

113 total PhD offers, 53 offers accepted

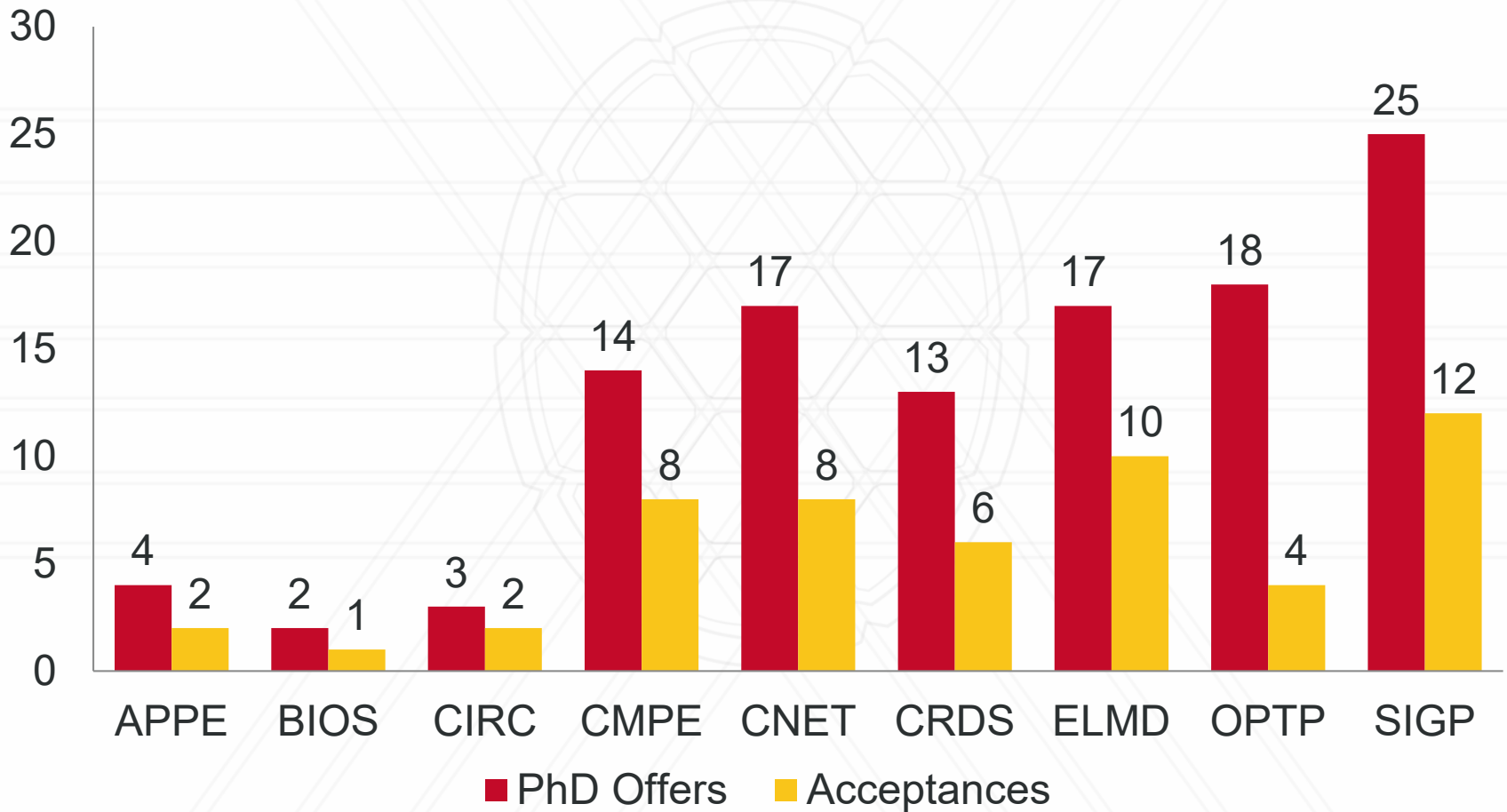
- Clark Doctoral Fellowship: 6/13 accepted (46%)
- GSR: 4/16 accepted (25%)
- GST: 37/77 accepted, (48%)
- GTA: 2/2 accepted, (100%)
- GRA: 4/5 accepted, (80%)

Fall 2020 Yield

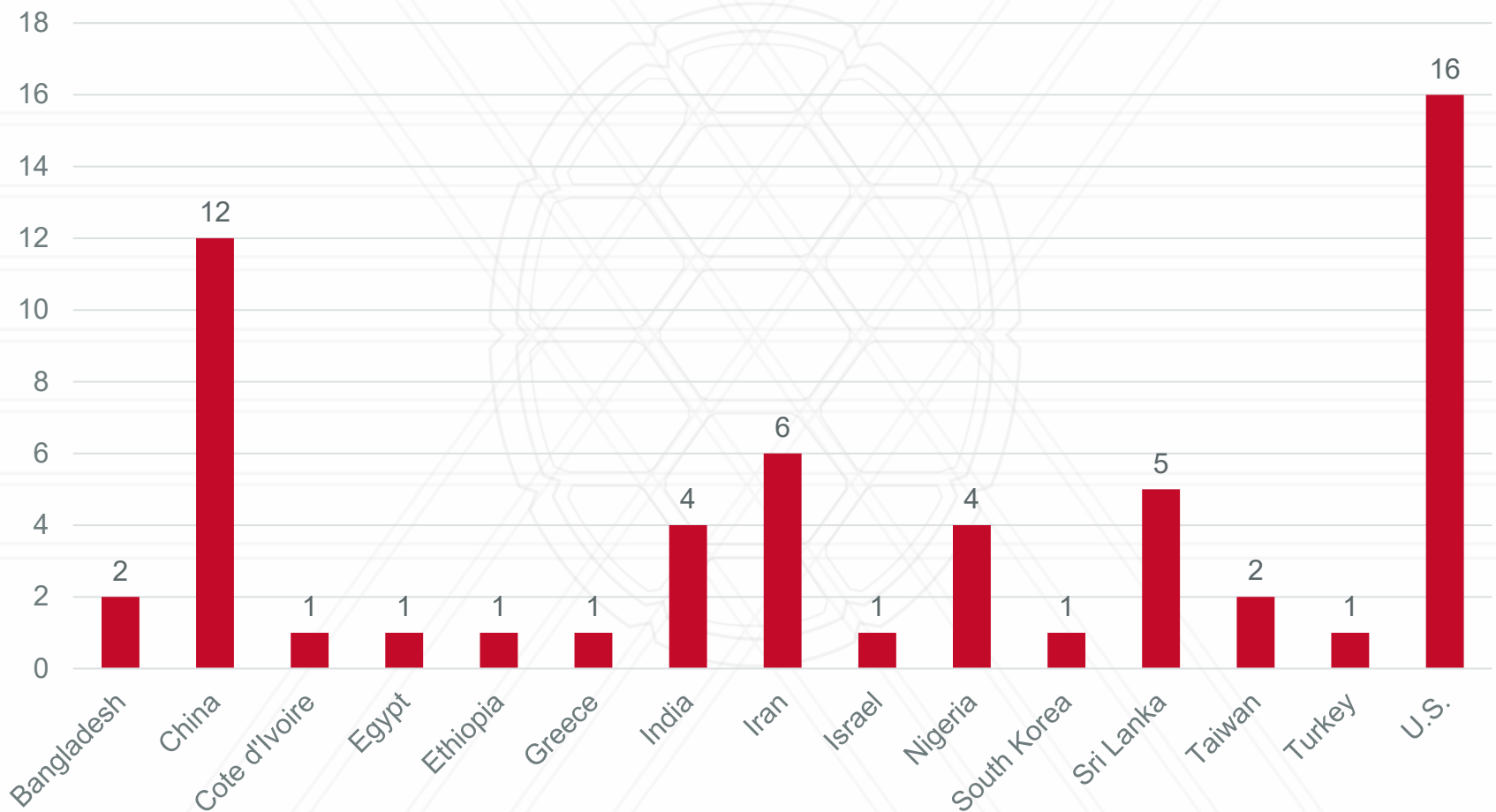


*Fall 2019 yield was 36%.

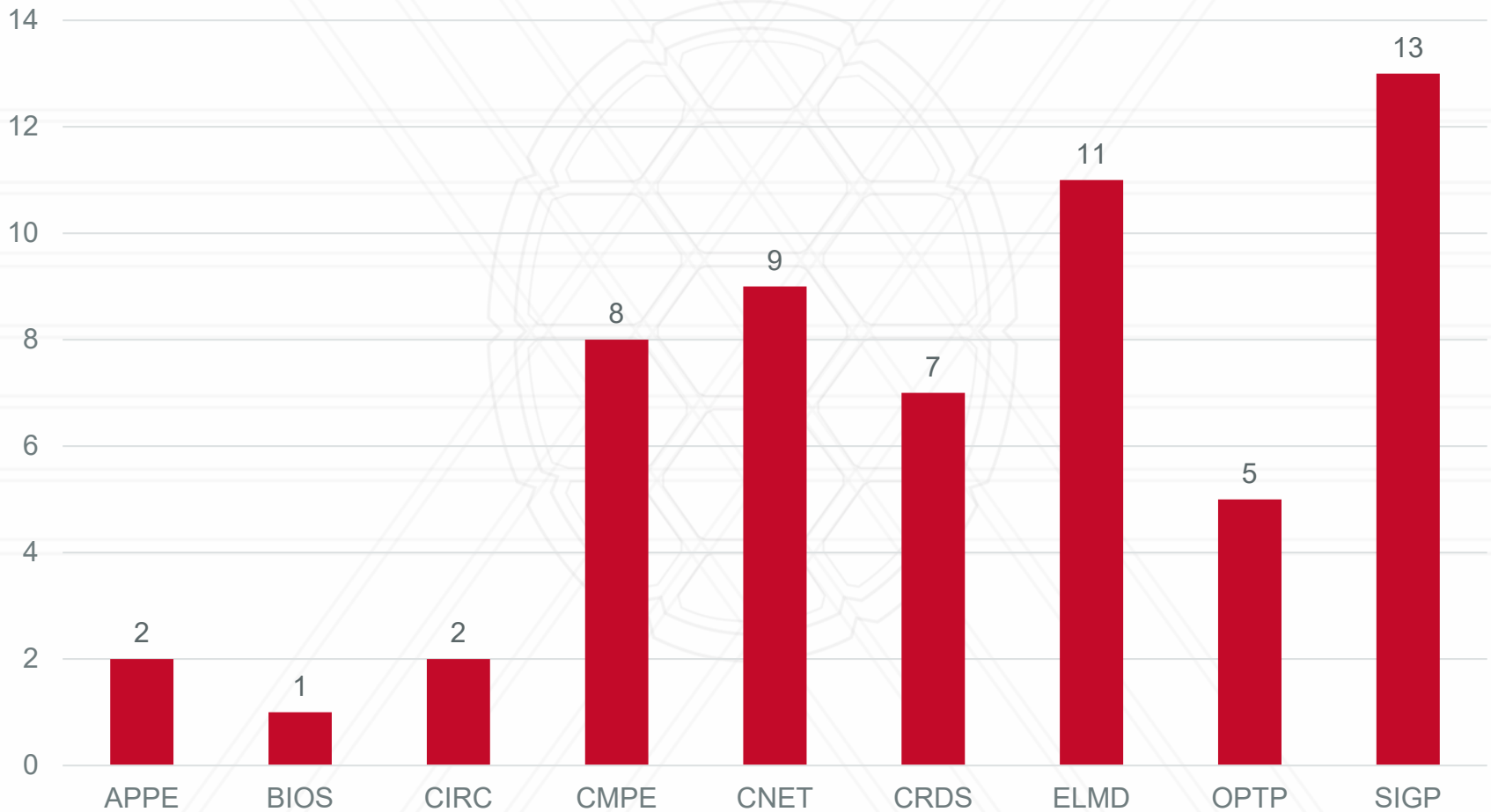
Fall 2020 PhD Offers by Area



Fall 2020 New PhD Students (by Country)



Fall 2020 New PhD Students (by Area)



Fall 2020 PhD Application Fee Waiver

ELECTRICAL & COMPUTER ENGINEERING

PhD Application Fee Waiver

UNIVERSITY OF MARYLAND

- ✓ Fall 2020 PhD application fee waived - submit by December 15
- ✓ ECE graduate programs are ranked #16 nationwide and among the top ten public universities, according to US News and World Report.




Visit ece.umd.edu to learn more and apply today!

APPLY NOW



A. JAMES CLARK
SCHOOL OF ENGINEERING

Fall 2021 PhD Application Fee Waiver



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Department of
Electrical & Computer Engineering

**Ph.D.
Application
Fee Waiver**

A. JAMES CLARK
SCHOOL OF ENGINEERING

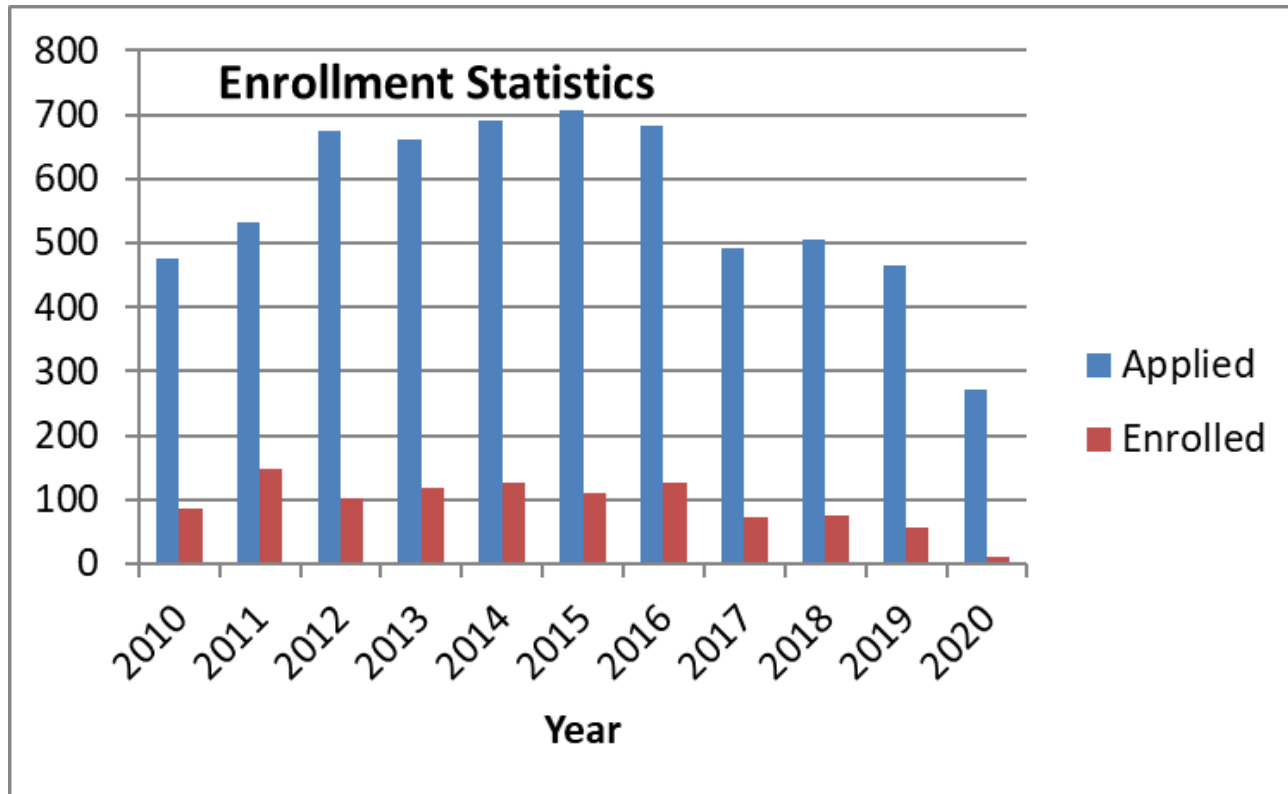
Fall 2021 Ph.D. application
fee is waved. Apply by
December 15!

GRE test scores optional
for fall 2021 admission.

Ranked #14
by US News and World
Report Best Engineering Grad
Schools.

[CLICK HERE TO APPLY NOW | ece.umd.edu](#)

ENTS Program Statistics: Enrollment



Applications for Fall 2020:

Direct applicants: **66**

ECE referrals: **96**

CS Referrals: **94**

Total: **256**

Enrollment in 2019-2020:

Fall 2019: **51**

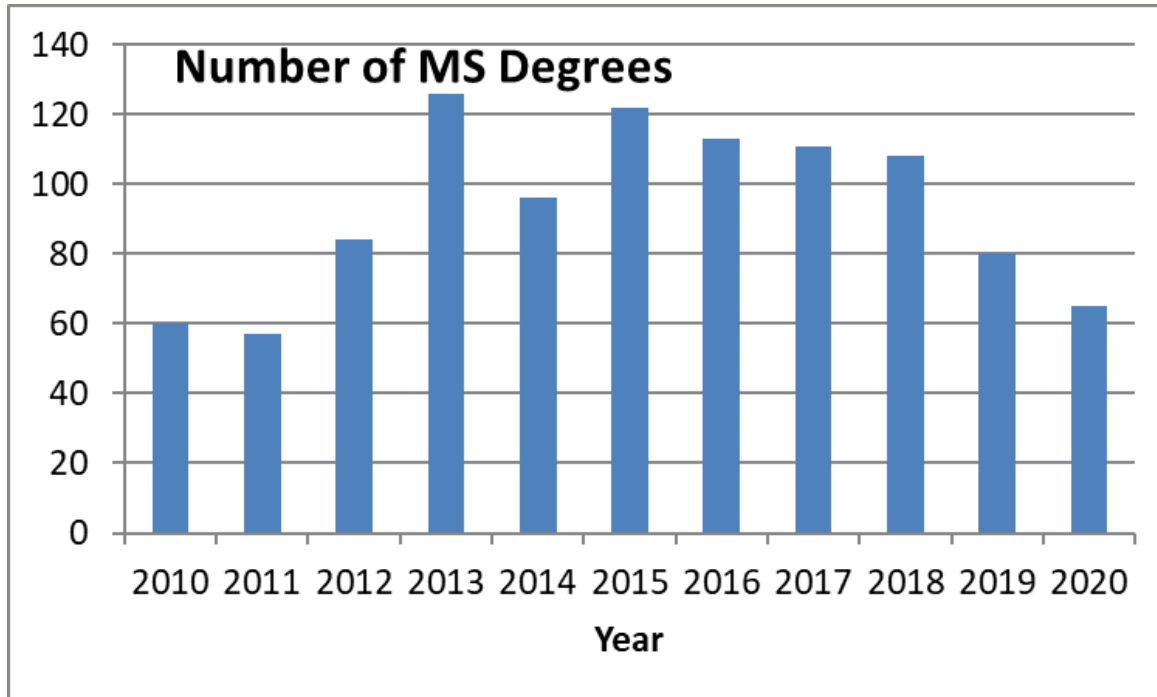
Spring 2020: **6**

Fall 2020: **6**

ENTS Program During Fall 2020

- **Deferral requests for 2021:**
 - Spring 2021: **17**
 - Fall 2021: **50**
 - Total: **67**
- **Current student population:**
 - Newly enrolled in Fall 2020: **6**
 - Matriculated before Fall 2020: **60**
 - Total registered for Fall 2020: **66**
- **All ENTS courses are taught online**
 - Using virtual/online labs for lab-based courses

ENTS Program Statistics: MS Degrees



Recent graduation stats:

Spring 2019:

- **69** MS degrees awarded

Fall 2019:

- **11** MS degrees awarded

Spring 2020:

- **65** MS degrees awarded

Note: Fall 2020 graduation data is not available yet.

MPS in Machine Learning Program

- New professional MS program developed by ECE and CS
- Core courses:
 - MSML 601: Probability and Statistics
 - MSML 602: Principles of Data Science
 - MSML 603: Principles of Machine Learning
 - MSML 604: Introduction to Optimization
 - MSML 605: Computing Systems for Machine Learning
 - MSML 606: Algorithms and Data Structures for Machine Learning
- Electives:
 - MSML 612: Deep Learning
 - MSML 621: Machine Learning for Wireless
 - MSML 640: Computer Vision
 - MSML 641: Natural Language Processing
 - MSML 650: Cloud Computing
- Enrollment in Fall 2020: **16 students**
(with 11 unregistered and 27 deferrals to Fall 2021)

New Items

- **MPS in Data Science**
 - New program similar to MPS in Machine Learning
 - Partnership with CS and Math
 - ECE role is about 10-20%
 - Enrollment for Fall 2020: **34 students**
- **MEng in Cloud Engineering**
 - In the discussion/development phase



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