

Graduate School Initial Outcomes

College of Engineering

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About the Data

The Graduate Outcomes Report provides insight into the initial career paths of graduate students after completing their programs at Notre Dame. Data is collected through an online survey administered by Institutional Research, Innovation, & Strategy (IRIS) before commencement each term in January, May, and August. Content of the Graduate Outcomes Report includes information on initial outcomes (employment, further education, etc.), employing organizations, and job titles. "Employed-academia" includes academic positions that are tenure-track, research, or teaching at higher education institutions. "Employment - industry/professional includes non-academic employment. "Other" outcomes include graduates engaging in volunteer work, freelance work, internships, contract work, etc.

The Meruelo Family Center for Career Development conducts follow-up research with recent graduates up to one year after graduation to obtain the most accurate information about graduates' post-graduation plans. This report includes data from the last 10 years (academic years 2021-22, 2020-21, 2019-20, 2018-19, 2017-18, 2016-17, 2015-16, 2014-15, 2013-14, and 2012-13). Unless otherwise noted, years are combined. In order to protect graduates' identities, data is omitted when the count is fewer than 5.

The data in this report includes the Graduate Outcomes for the College of Engineering.



Knowledge Rate

Over the last 10 years, the College of Engineering has had a knowledge rate of 96%. Data is collected through surveys, LinkedIn research, and internal communication with each program to obtain the most accurate information about post-graduation plans.



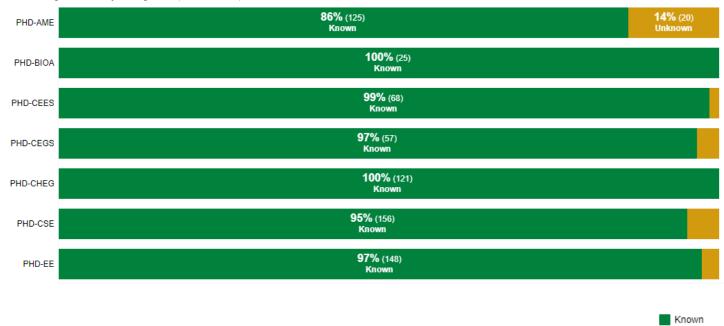
Knowledge Rate By Program

Below is the knowledge rate by program. Programs with fewer than 5 graduates have been excluded.





Knowledge Rate by Program (continued)

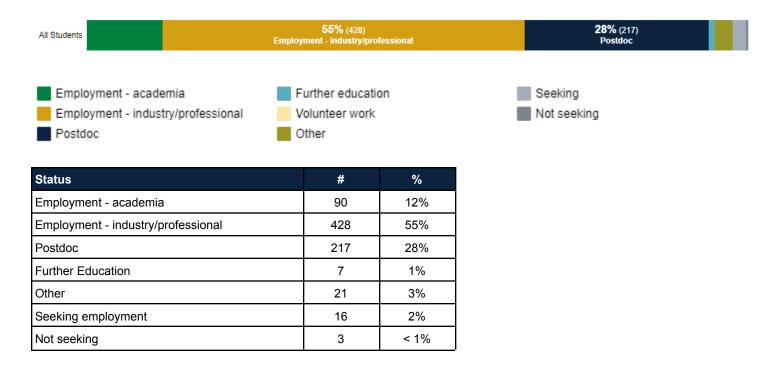


Unknown



Post-Graduation Status

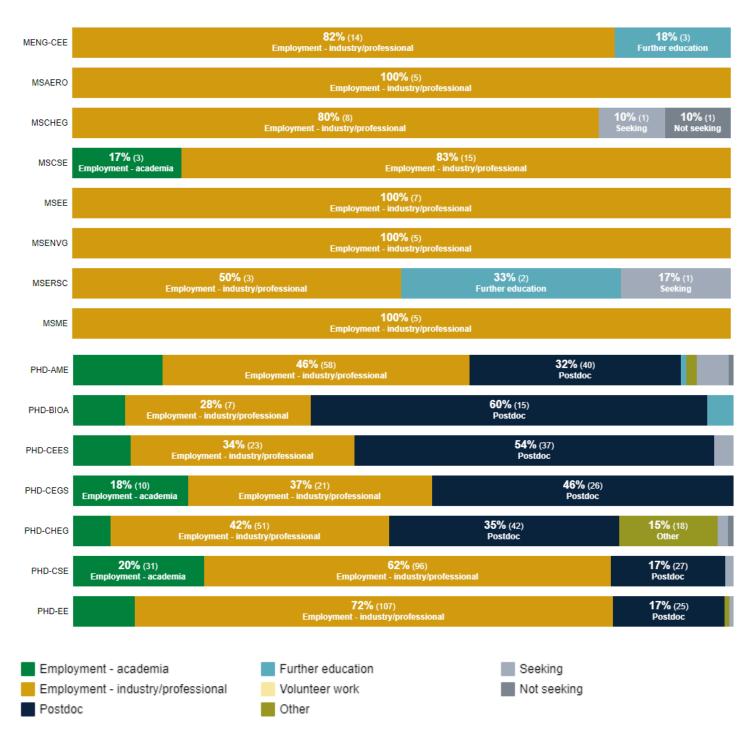
Below is the post-graduation status for the College of Engineering over the last 10 years. "Employed-academia" includes academic positions that are tenure-track, research, or teaching faculty at higher education institutions. "Employment - industry/professional" includes employment in industry, non-profits, startups, higher education administration, and other non-faculty employment. "Other" outcomes include graduates engaging in volunteer work, freelance work, internships, etc. Students with unknown status are excluded in the calculations below.





Post-Graduation Status By Program

Below is the post-graduation status by program. Programs with fewer than 5 graduates have been excluded. Students with unknown status are excluded in the calculations below.





Post-Graduation Status by Program (continued)

Program	Status	#	%
MENG-CEE	Further education	3	18%
MENG-CEE	Employment - industry/professional	14	82%
MSAERO	Employment - industry/professional	5	100%
MSCHEG	Not seeking	1	10%
MSCHEG	Seeking	1	10%
MSCHEG	Employment - industry/professional	8	80%
MSCSE	Employment - industry/professional	15	83%
MSCSE	Employment - academia	3	17%
MSEE	Employment - industry/professional	7	100%
MSENVG	Employment - industry/professional	5	100%
MSERSC	Seeking	1	17%
MSERSC	Further education	2	33%
MSERSC	Employment - industry/professional	3	50%
MSME	Employment - industry/professional	5	100%
PHD-AME	Not seeking	1	1%
PHD-AME	Seeking	6	5%
PHD-AME	Other	2	2%
PHD-AME	Further education	1	1%
PHD-AME	Postdoc	40	32%
PHD-AME	Employment - industry/professional	58	46%
PHD-AME	Employment - academia	17	14%
PHD-BIOA	Further education	1	4%
PHD-BIOA	Postdoc	15	60%
PHD-BIOA	Employment - industry/professional	7	28%
PHD-BIOA	Employment - academia	2	8%
PHD-CEES	Seeking	2	3%
PHD-CEES	Postdoc	37	54%
PHD-CEES	Employment - industry/professional	23	34%
PHD-CEES	Employment - academia	6	9%
PHD-CEGS	Postdoc	26	46%
PHD-CEGS	Employment - industry/professional	21	37%
PHD-CEGS	Employment - academia	10	18%
PHD-CHEG	Not seeking	1	1%
PHD-CHEG	Seeking	2	2%
PHD-CHEG	Other	18	15%



Program	Status	#	%
PHD-CHEG	Postdoc	42	35%
PHD-CHEG	Employment - industry/professional	51	42%
PHD-CHEG	Employment - academia	7	6%
PHD-CSE	Seeking	2	1%
PHD-CSE	Postdoc	27	17%
PHD-CSE	Employment - industry/professional	96	62%
PHD-CSE	Employment - academia	31	20%
PHD-EE	Seeking	1	1%
PHD-EE	Other	1	1%
PHD-EE	Postdoc	25	17%
PHD-EE	Employment - industry/professional	107	72%
PHD-EE	Employment - academia	14	9%

Organizations by Program

Below is a list of organizations that have hired graduates from the College of Engineering in the last 10 years. Only information for students who reported that they were employed are included. Programs with only 1 organization are excluded.

MENG-CEE

Black & Veatch Cordogan Clark

D&B Engineers & Architects

DLB

Donohue

Frost Engineering & Consulting

KPFF

Moffatt & Nichol

RGNext

SCS Engineers

Terracon

Thornton Tomasetti

WSP

MSAERO

Covur

Eli Lilly

FGC Plasma Solutions Inc.

Raytheon

US Air Force

MSCHEG

9b

Environmental Protection Agency

Henkel

Intel Corporation

Kennametal

Microsoft

University of Colorado Boulder

XALT Energy

MSCSE

Army Exponent

GitHub

Google

Grafana Labs

IBM

Intel

Labatt Food Service

Mikan

Pacific Northwest University of

Health Sciences Perficient, Inc. Snap Inc.

Spectrum

Spot Trading, LLC

United States Military Academy at

West Point

University of Notre Dame Whirlpool Corporation

MSEE

Amazon

Fermi National Accelerator

Laboratory

Georgia Institute of Technology

Northrop Grunman

Qualcomm Wolfspeed

MSENVG

AECOM

Commonwealth Engineers, Inc. Donohue and Associates

EmNet Stv

MSERSC

General Directorate of Mineral Research and Exploration | MTA

Pace Analytical

Washington State University

MSME

Applied Materials Duracell Inc. Honeywell

Schneider Electric

US Department of Defense

PHD-AME

ABB, Inc

Agility Robotics Ahmic Aerospace

Air Force Research Laboratory

Anthem Inc

Applied Research Lab at Penn

State

Auris Health, Inc. Autoliv ASP Inc. Avion Solutions, Inc. **BMO Harris Bank**

Boeing

Cairo University, Egypt

Callaway Golf

Chicago State University (Physics

and Engineering)

Chinese Academy of Science

Clemson University

Conversant

Cornerstone Research Group

Department of Energy Department of the Navy

EPS LLC

EXA corporation

Exa Corporation, Boston, MA

FICO

Food and Drug Administration

General Electric (GE)

Google Honeywell

Hunan University

Indian Institute of Engineering, Science, and Technology

Intel Corporation

Johns Hopkins Applied Physics

Laboratory Jus-Rite

Karma Automotive

Knolls Atomic Power Laboratory Lawrence Livermore National

Laboratory

Magna Seating MathWorks

Meta Platforms

Mezzo Technologies

MZA Associates Corporation

NASA Jet Propulsion Lab,

Pasadena

NASA Langley Research Center

Navatek, Ltd.

Navigant Consulting

Northrop Grumman

NVIDIA

Ohio Northern University

Oshkosh Corporation

Pratt & Whitney

RadiaSoft LLC

Raytheon

Rolls Royce

Sandia National Laboratory

Schrödinger

Steadman Philippon Research

Institute

University of Colorado Boulder

University of Dayton

University of Hartford

University of Notre Dame

University of Puerto Rico

WW Technology Group

Zimmer, Inc.

PHD-BIOA

Advanced Bionics, Los Angeles,

CA

Align Technology

General Electric (GE)

Johns Hopkins Applied Physics

Laboratory

Raytheon

University of Mount Union

Zimmer, Inc.

PHD-CEES

AIR Worldwide

Aqueous Solutions

Berkshire Hathaway Specialty

Insurance

Central New Mexico Community

College

CRCL Solutions

enFocus

FTS International, LLC

HNTB

Jacobs Engineering Detroit

Kiewit Corporation

LendUp

Loyola University Chicago

Magnusson Klemencic Associates

National Nuclear Security

Administration

Oak Ridge National Laboratory

PNNL

Risk Management Solutions

Savannah River National

Laboratory

Schaefer-Inc.

Thornton Tomasetti

United States Geological Survey

United Water Conservation District

University of Chile

University of Notre Dame

USA BlueBook

Virginia Tech

Wiss, Janney, Elstner Associates,

Inc.

PHD-CEGS

AECOM

AIR Worldwide

Aon

California State University,

Bakersfield

China University of Geosciences

Chinese Government Agency

Colorado Mesa University

Dudek

Geoengineers Inc., Seattle

Golder Associates

Grand Canyon University

Hinman Consulting Engineers

IFCE, China

INVATI

Johnson & Johnson

Los Alamos National Laboratory

Milliman FRM

RF Wastewater

State Department, Washington

D.C.

Universidad de Concepción

University of Bridgeport
University of Notre Dame

University of Puerto Rico US Army Corps of Engineers

Valparaiso University

PHD-CHEG

Amaforge

ANSYS, Inc.

ARPA-E

Auburn University

BASF

Bayer CropScience

Bloomberg L.P.

Brewer Science, Inc.

Bryan Research and Engineering

Caris Life Sciences

Ceres, Inc.

Chevron

Cummins Inc.

Defense Intelligence Agency

Deloitte

Eli Lilly

Epic

ExxonMobil

Frontage Laboratories, Inc.

GCP Applied Technologies

Google

Honeywell

Integer

Intel Corporation

Johnson Matthey

Johnson Matthey, Savannah GA

Just Biotherapeutics,

L3 Harris Technologies

Mallinckrodt Pharmaceuticals

McKinsey & Company

Miami University
Molecular Sciences Software

Institute

National Institute of Standards and

Technology

Navigant Consulting Nissan Technical Center

Owens-Illinois

Phillips 66

Rose-Hulman Institute of

Technology

NOTRE DAME | ENGINEERING

Seegene Inc SK Innovation Co

SUEZ - Water Technologies and

Solutions

Systems Planning and Analysis,

lnc.

University of Notre Dame University of Texas at Austin

University of Virginia

W. R. Grace

Walter Reed Army Institute of

Research

Xerox Corporation

PHD-CSE

AdRoll, Inc Affective

Allen Institute

Allen Institute for Cell Science

Amazon

Analysis Group

Apple

ArcSight, HP Enterprise Security

Atomic Object
Aunalytics
Blippar
Bloomberg
Bloomberg L.P.
Brandeis University

Brookhaven National Laboratory

C.R Laurence Co.

Cadence Design Systems
California State University, Long

Beach Capital One

Carnegie Mellon University

ChemImage Citadel LLC

Clemson University
Colorado State University

Concur

De La Salle University
Department of Defense
DePaul University

Eastern Michigan University

Enflux Exponent Facebook Fieldat LLC.

Ford Motor Co.
Fordham University

Free Lance

Google Google LLC

Greentec Development

Hanover College

IBM

IMC Financials Markets

Indiana University Intel Corporation John Deere

Kitware, Inc. Lehigh University

LinkedIn

ListingMirror.com

Lowe's Mayo Clinic McGill University Meta Platforms Microsoft

Microsoft Corporation Middlebury College

Milwaukee School of Engineering

MITRE

Mobile Ubiquitous Computing

Nielsen Noblis, Inc. Nokia

Norfolk Southern Corporation Pacific Northwest University of

Health Sciences Phaula (Start up)

Pinterest

Procter & Gamble

ProMazo
Qualcomm
Red Hat, Inc.
Riverside Research
Rose-Hulman Institute of

Technology SAP Labs

Seattle Pacific University

Snap Inc.

St. John's University

St. Jude Children's Research

Hospital

The Chinese University of Hong

Kong, ShenZhen

Toyota Info Technology Center

University of Louisville University of Notre Dame University of Pennsylvania

University of Wisconsin/Eau Claire

Verily Life Sciences Villanova University Visa Research Walmart Labs

Washington University School of

Medicine WeWork Yammer

Zhejiang University

Zoom video communication

PHD-EE

Amazon

Analog Devices

Apple

Applied Optoelectronics, Inc.

Baylor University

Beijing University of Posts and

Telecommunication
Bloomberg LP
Booz Allen Hamilton
Broadcom Corporation

Byton

Carrier Corporation ChemImage Corporation Cheshire Industries, Inc.

Conversant

Department of the Navy

eBay

Everspin Technologies

ExxonMobil Facebook

Ford Motor Company General Electric (GE)

Georgia Tech

Georgia Tech Research Institute

GLOBALFOUNDRIES

Google Guidehouse Halliburton

Idaho National Laboratory



InfoSciTex Corporation

Intel Corporation InventSense

Jackson State University

Kepler Computing
Keysight Technologies

L3 Harris

Life Technologies

Los Alamos National Laboratory

MathWorks Meta Platforms Micron Technology

Microsoft MixComm Inc Motorola Inc.

National Instruments
NexGen Power Systems
North Dakota State University

Northrop Grumman

Nuance communication

On Semiconductor

Oracle

Pacific Union College Paradromics. Inc.

Pazmany Peter Catholic University

Qualcomm Raytheon RetailMeNot

Rigetti Quantum Computing

Samsung SanDisk

Skyworks Solutions, Inc. Southern Indiana University

Synopsys Inc.
Texas Instruments

Thermo Fisher Scientific, Inc.

Torch Technologies Transphorm Inc.

TSMC

Uber Technology, Inc

Ultra Electronics - UnderSea

Sensor Systems, Inc.

United Technologies Research

Center

Univ Tecnologica Metropolitana University of Engineering and

Technology, Mardan
University of Notre Dame
University of Utah

University of Utah University of Virginia Whirlpool Corporation

Wolfspeed Xylem

Job Titles by Program

Below is a list of job titles of graduates from the College of Engineering in the last 10 years. Only information for students who reported that they were employed are included. Programs with only 1 job title are excluded.

MENG-CEE

Engineer

Project Engineer

Project Structural Engineering

Staff Engineer Staff Professional Structural Associate II Structural Engineer I Structural Technician

Water Resources Engineering

Intern

MSAERO

Aerospace Engineer
Co Founder and CEO
Director of Hypersonics
Mechanical Engineer
Senior Pricing and Reimbursement
Analyst

MSCHEG

Application Engineer
Battery Cell Research Engineer
Board and Engagement Program

Manager

Chemical Engineer
Data Scientist
Process Engineer
Quality Engineer

Software Engineer

MSCSE

Associate Data & Analytics

Consultant

Associate Technical Consultant

Data Scientist Instructor

Machine Learning Engineer Machine Learning Software

Engineer Officer

Research Assistant

Research Scientist

Senior Research Programmer Software (Wireless) Engineer IV

Software Developer Software Engineer

System Simulation Engineer

MSEE

Applied Scientist

Engineer II

Fab Process Engineer - Power

R&D

Graduate Research Assistant
Mixed Signal IC Design Engineer

Software Engineer

MSENVG

Engineer Intern 1
Junior Utility Engineer
Project Manager

Water/Wastewater Engineer

MSERSC

Fiscal Analyst

Geological Engineer

MSME

Active Duty Air Force Officer

E&PS Test Engineer Energy Engineer Mechanical Engineer Technical Engineer

PHD-AME

Aerodynamic Engineer Aerospace Engineer

Aerospace Engineer - Research

Scientist

Analytic Scientist II

Assistant Professor

Assistant Professor of Mechanical

Engineering

Assistant researcher

Assistant Teaching Professor

Associate professor

Associate Research Scientist

CAE Thermal Engineer

Computational Aeroacoustics

Validation Engineer

Customer Reliability Engineer

Data Scientist

Development Engineer

Engineer Faculty

Lead Thermal-Fluids Engineer

Lecturer

LTD Module Engineer Mechanical Engineer

Mechanical Engineer - Instruments Mechanical Engineering Manager

Member of Technical Staff

Mobile Manipulation Researcher One-man LLC working from D.C., funded by Los Alamos National

Laboratory

Online Course Developer

Optical Engineer

Optical Engineer III - Beam Control

Engineer

Opto-Mechanical Design Engineer

Opto-Mechanical Engineer

Physical Scientist
Product Engineer
Project Engineer
Propulsion Engineer
R&D Scientist II
Reliability Engineer

Research

Research Associate Research Engineer

Research Engineer - Combustion

Research Scientist

Robotics Application Engineer Scientific Software Developer

Scientist

Scientist/Engineer Senior Consultant Senior Engineer

Senior Hardware Engineer

Senior Scientist

Senior Software Engineer HPC/AI

Senior Structural Analysis

Engineer

Senior Turbomachinery Engineer Simulation and Analysis engineer

Software Engineer

Sr Quantitative Analyst and Data

Scientist

Sr. Engineer

Sr. Professional Staff 1, Missile

Performance Group System Design Engineer

Systems Engineer

Visiting Assistant Professor

Wind Tunnel Test Engineer

PHD-BIOA

Associate Consulting Engineer Asst. Profs., Mech. Engr Orthopedic Research and Development Executive

R&D III Additive Manufacturing

Engineer

Research Engineer

Scientist

Senior Professional Staff

Sr. Implant Design and Materials

Engineer

Systems Engineer

PHD-CEES

Assistant Hydrogeologist Assistant Professor

7.000010111111010000

Associate II

Bridge Engineer II

Civic Innovations Consultant

Co-founder

Data Scientist, Analyst

Engineer 2

Faculty Member

Federal Program Manager

Geochemist

Ground Motion Modeler

Hydrologist

Lab Program Manager NNSA Graduate Fellow Post doctoral researcher

Project Engineer

R&D Assistant Staff Member

Scientist

Scientist - Storm Surge Risk

Senior Engineer II Structural Engineer

Visiting Assistant Professor

PHD-CEGS

Adjunct Faculty
Adjunct Instructor

Assistant Researcher

Assistant Teaching Professor

Associate Director Associate professor

Co-founder Director of R&D

Engineer

Environmental Scientist Freelance science journalist

Instructor

Microprobe Lab Manager Professor (Associate)

Quantitative Development Analyst Research Assistant Professor

Research Civil Engineer Research scientist

Scientist

Structural Fire Engineer Teaching professor

Water Resource Engineer

PHD-CHEG

Advance Engineer
Advanced Researcher

Auvanceu Researchei

Analytics Specialist/Data Scientist

Assistant Professor

Associate

Associate Engineer

Burke, Hofman, Kolman Teaching

Scholars

Catalyst Development Scientist

Chemical Engineer

Commercial Engineering Lead

Computational Biologist

Consultant Data Scientist

Development Scientist/Engineer

Electrical Engineer

Engineering Graduate Trainee

Fellow

Financial Software Developer

Intelligence Officer
Lab Supervisor

LTD Lithography Module Engineer

Manager

Materials Scientist

Nanoparticle Staff Chemist

Process Engineer 3 Process Engineer III

Process Modeling Specialist

Project Manager

PTD Module and Integration

Device Yield Engineer

R&D engineer

R&D Engineer/Scientist II
R&D Engr/Scientist II

Reporting Engr Research Associate Research Engineer Research Scientist

Scientist III

Senior Consultant

Senior Engineer - Systems Performance Analysis Senior Research Associate

Software Developer Software Engineer Software Scientist Sr. R&D Chemist Staff Scientist

Td Module Integration & Yield Engineer at Intel Corporation

Tenure Track Assistant Professor

of Chemical and Paper

Engineering

Visiting Research Scholar

PHD-CSE

Applied Research Scientist and

Software Engineer Applied Scientist Assistant Professor

Assistant Professor of Computer

Science

Assistant Professor of Computer

Science

Assistant Teaching Professor

Associate Professor

Computer Systems Researcher

Computer Vision Scientist

Consultant

Data and Applied Scientist

Data Engineer

Data Science Engineer

Data Scientist

Deep Learning/Computer Vision

Scientist
Developer
ELP Engineer
Engineer
F&D

Financial Risk Analytics

Financial Software Developer

Graphics Researcher

Instructor

Intelligent Systems Engineer

Lead CS Engineer Lead Developer

Leading Software Developer

Lecturer

Machine Learning Engineer
Machine Learning Researcher

Manager ML engineer

PhD Data Scientist
Professional Lecturer
Project Manager

Research & Development

Engineer

Research Assistant Professor

Research Associate

Research Engineer Research Programmer Research Scientist

Research Scientist II

Researcher Scientist

Security Researcher Senior Computer Scientist

Senior Computer Scientist

Senior Engineer

Senior Machine Learning and

Relevance Engineer Senior Software Engineer Senior Solutions Architect Site Reliability Engineering -

Systems Engineer

Software Consultant and

Developer

Software Development Engineer

Software Engineer Software Engineering

Software Systems Power Engineer

Special Professional Faculty Sr. Data Science Analyst User Design Specialist

Video Algorithm and Computer

Vision Engineer

Visiting Research Associate

PHD-EE

Adjunct Lecturer/Researcher Advanced Vehicle Research

Engineer

Advisory Engineer Analog Engineer

Application Support Engineer Applied Research Scientist

Applied Researcher Assistant Professor

Assistant Professor of Computer

Science

Control Engineer

Controls Research Scientist

CT algorithm scientist

Data Scientist

Development Engineer

Device Characterization Engineer

Device Development Engineer

Electrical Engineer
Electronics Engineer
Emerging Memory Array
Characterization Engineer

Engineer

Engineer- Yield Enhancement

Engineering Scientist

Faculty

Financial Software Developer

Founder

HPC AI Software Solutions

Engineer

Imaging Engineer Lead Engineer 2

Lecturer

Member of Technical Staff

Member of Technical Staff (MTS) Member of the Technical Staff

Optics Engineer

Principal Electrical Engineer

Principal Engineer

Principle Process Integration

Engineer

Process Development Engineer

Process Engineer Process Engineering Process integration

Process Technology Development

Engineer

Product Development Engineer

Professor

R&D Engineer 2

R&D Software Engineer

Research Assistant Professor

Research Engineer Research Scientist

RF/Comms System Developer RF/Syst Integration Engineer Scientist, Decision Science Senior Algorithm Scientist

Senior Analyst Senior Consultant

Senior Corporate Application

Engineer

Senior Design/Architect Engineer

Senior Device Engineer

Senior device modeling engineer



Senior Electrical Engineer

Senior Engineer

Senior Engineer I

Senior Engineer TD Global

Engineering Support

Senior Engineering

Senior Failure Analysis

Senior Hardware Engineer

Senior Modem Systems Engineer

Senior Physicist

Senior Process Development

Engineer

Senior Research Engineer

Senior software engineer

Senior Software Engineer I

Senior Staff Engineer

Senior System Engineer

Senior Systems Engineer

Software Design Engineer

Software Developer

Software Engineer

Staff Engineer

Supervisory Control System

Engineer

System Senior Engineer

Systems Engineer

Technical Professional

Vice President of Technology

Wireless Standards Engineer



Glossary of Program Codes

The list below is alphabetized by program code.

Code	Program Name	Current Program	Notes
MENG	Master of Engineering	Yes	
MENG-CEE	Master of Engineering in Civil & Environmental Engineering	Yes	
MSAERO	Master of Science in Aerospace Engineering	Yes	
MSBIOE	Master of Science in Bioengineering	Yes	
MSCE	Master of Science in Civil Engineering	Yes	
MSCHEG	Master of Science in Chemical Engineering	Yes	
MSCSE	Master of Science in Computer Science & Engineering	Yes	
MSEE	Master of Science in Electrical Engineering	Yes	
MSENVG	Master of Science in Environmental Engineering	Yes	
MSERSC	Master of Science in Earth Sciences	Yes	
MSGEOS	Master of Science in Geological Sciences		replaced by MSERSC starting in Spring 2013
MSME	Master of Science in Mechanical Engineering	Yes	
PHD-AME	Ph.D in Aerospace Engineering	Yes	
PHD-AMSE	Ph.D. in Materials Science & Engineering	Yes	There is a "BSME" PhD for Chemical and Biomolecular Engineering in Material Sciences
PHD-BIOA	Ph.D. in Bioengineering	Yes	interdisciplinary program
PHD-BIOC	Ph.D. in Bioengineering	Yes	interdisciplinary program
PHD-BIOE	Ph.D. in Bioengineering	Yes	interdisciplinary program
PHD-CEES	Ph.D. in Civil & Environmental Engineering & Earth Sciences	Yes	
PHD-CEGS	Ph.D. in Civil Engineering & Geological		replaced by PHD-CEES as of Spring 2013
PHD-CHEG	Ph.D. in Chemical and Biomolecular Engineering	Yes	
PHD-CSE	Ph.D. in Computer Science & Engineering	Yes	
PHD-EE	Ph.D in Electrical Engineering	Yes	