



CONSIDERING A CAREER IN SCIENCE, TECHNOLOGY,
ENGINEERING OR MATHEMATICS?

Study **STEM** in the US

Due to a skills shortage in the United States, graduates with STEM degrees are in high demand and often receive some of the highest salaries available.

A qualification from a US university can lead to a wide variety of STEM employment and extended training opportunities such as internships, co-ops and the Optional Practical Training (OPT) program.

What is the OPT program?

The US government's Optional Practical Training program offers international graduates with a degree in a STEM discipline (science, technology, engineering or math) the opportunity to stay and work in the US for up to three years. Participating in the OPT program gives graduates a significant advantage when looking for permanent employment in the US and abroad.

Which Navitas programs will help me prepare for a STEM degree and the OPT program?

Navitas offers an Undergraduate Pathway Program (UPP) and Pre-Master's Program (PMP) at five highly respected universities: Florida Atlantic University, UMass Boston, UMass Dartmouth, UMass Lowell and University of New Hampshire.

The UPP offered by Navitas is equivalent to the first year of a bachelor's degree. The UPP consists of for-credit courses and provides an academic and cultural bridge from your high school experience to studying for a university degree in STEM in the US. Upon successful completion of the UPP, you will move directly into the second year of your chosen degree.

The PMP prepares students for graduate degree courses and programs. The PMP is a one or two-semester program designed for students who have completed a bachelor's degree, but need additional academic and/or English support to gain entry to a master's program in STEM. No GMAT or GRE is needed to apply.

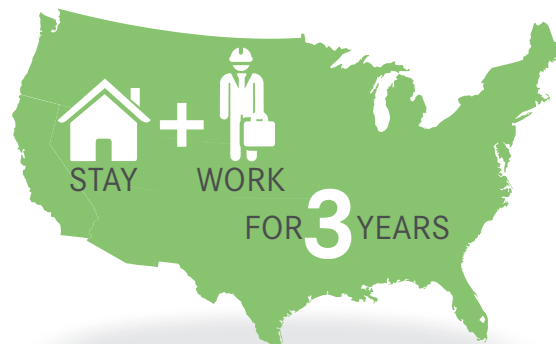
START DATES

SEMESTER 1: SEPTEMBER–DECEMBER

SEMESTER 2: JANUARY–MAY

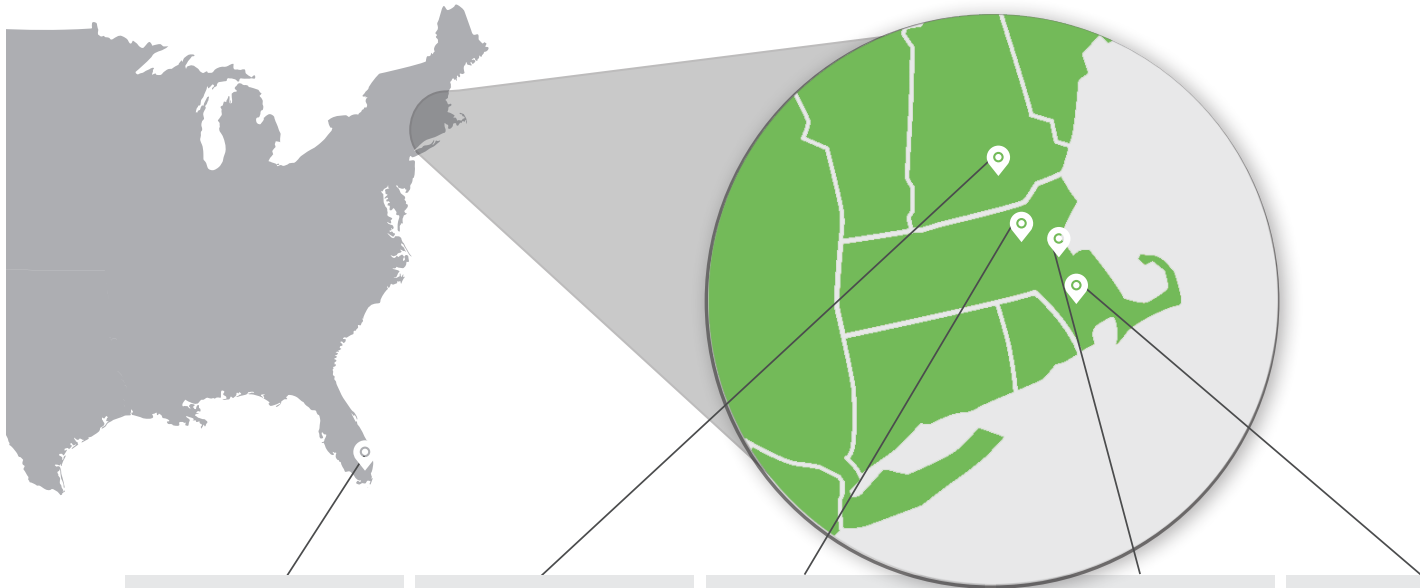
SEMESTER 3: MAY–AUGUST

Navitas students are able to apply for the OPT program after they successfully complete their STEM degree at their host institution.





PURSUE YOUR STEM DEGREE AT ONE OF 5 TOP-RANKED US UNIVERSITIES



**FLORIDA ATLANTIC
UNIVERSITY**

Top 200

**Undergraduate
Engineering
Program**

U.S. News & World Report, 2016



**University of
New Hampshire**

**UNIVERSITY OF
NEW HAMPSHIRE**

#47

Top Public Schools

U.S. News & World Report, 2016



UMASS LOWELL

#118

**Best Graduate
Engineering Program**

U.S. News & World Report, 2017



UMASS BOSTON

TOP 100

**Universities for Life
Sciences**

Times Higher Education, 2016



UMASS DARTMOUTH

#39

**Best Undergraduate
Engineering Program**

U.S. News & World Report, 2016



GRADUATES HIRED BY

APPLE

CISCO

DELL

FACEBOOK

GE

GOOGLE

IBM

MICROSOFT

NASA

ORACLE

PHILIPS

RAYTHEON

AVERAGE STARTING SALARIES*

BACHELOR'S DEGREE



Math and Sciences

\$55,087



Computer Science

\$61,321



Engineering

\$64,891

MASTER'S DEGREE



Math and Sciences

\$67,891



Computer Science

\$72,080



Engineering

\$73,871

* Salaries in USD, National Association of College and Employers, 2016

UNDERGRADUATE STEM DEGREE PROGRAMS	FAU	UMass Boston	UMass Dartmouth	UMass Lowell	UNH
Applied Computational Mathematics				★	
Astronomy					★
Atmospheric Science/Meteorology				★	
Biochemistry	★		★		
Bioengineering			★		★
Bioinformatics				★	★
Biology/Microbiology	★		★	★	
Biological Engineering				★	
Biological Sciences	★				
Biomedical Engineering				★	
Biotechnology				★	
Business Information Systems		★			★
Chemical Engineering				★	★
Chemistry	★		★	★	★
Cheminformatics				★	
Civil Engineering	★		★	★	★
Clinical Science				★	
Computer Engineering	★	★	★	★	★
Computer Science	★	★	★	★	★
Data Science			★		
Earth Sciences				★	★
Ecology	★			★	
Economics	★	★	★	★	★
Electrical Engineering	★	★	★	★	★
Engineering Physics		★			
Environmental Engineering					★
Environmental Science		★		★	
Exercise Science and Health Promotion	★				
Forensic Science				★	
Geography	★				★
Geology	★			★	★
Geomatic Engineering	★				
Information Technology		★			★
Management Information Systems	★	★	★	★	★
Manufacturing Technology				★	
Marine Biology	★	★	★		
Material Engineering				★	
Mathematics Education					★
Mathematics/Statistics/Actuarial Studies	★	★	★	★	★
Mechanical Engineering	★		★	★	★
Medical Laboratory Sciences				★	
Molecular Genetics and Biotechnology	★				
Nanotechnology Engineering				★	
Neuroscience and Behavior	★				★
Nuclear Engineering				★	
Nutrition/Food Sciences				★	
Ocean Engineering	★				★
Optics				★	
Physics	★	★	★	★	★
Plastics Engineering				★	
Pre-Medicine	★			★	
Psychology	★	★	★	★	★
Psychobiology	★				
Radiological Health Physics				★	
Social Psychology		★			
Systems Management		★			
Zoology	★				

GRADUATE STEM DEGREE PROGRAMS	FAU	UMass Boston	UMass Dartmouth	UMass Lowell	UNH
Applied Mathematics and Statistics	★				
Applied Physics		★			
Artificial Intelligence			▲		
Astrophysics			■		
Bioengineering	★				
Biological Sciences				▲	
Biology				▲	
Biomedical Engineering & Biotechnology				★	
Biosafety				▲	
Biotechnology				▲	
Business Analytics				★	
Chemical Engineering				▲	★
Chemistry				▲	
Civil Engineering	★		■	★	★
Civil Engineering with a Minor in Business	★				
Civil and Environmental Engineering				▲	
Clinical Laboratory and Nutritional Sciences				▲	
Community Social Psychology				▲	
Computer Engineering	★		■	■	
Computer Network and Security			▲		
Computer Science	★	★	■	▲	★
Database Systems and Data Mining			▲		
Economics (Financial)	★				
Electrical Engineering	★		■	▲	★
Energy Engineering				▲	
Engineering Management				▲	
Environmental Engineering			★	★	
Environmental Science				▲	
Environmental and Water Resources Engineering			■		
Geography	★				
Geology	★				
Health Informatics				▲	
Health Systems Management (MBA)			★		
Information Technology		★		★	
Information Technology and Management	★				
Management Information Systems (MBA)	★				
Mathematics	★			▲	
Mechanical Engineering	★		■	▲	★
Mechanical Engineering with a Minor in Business	★				
Ocean Engineering	★				
Oceanography			■		
Pharmaceutical Sciences				▲	
Physics	★		■	▲	
Plastics Engineering				★	
Project Management for Life Sciences				▲	
Robotics and Control Systems			■		
Software Engineering			▲		
Statistics	★				
Structural and Geotechnical Engineering			■		
Technology Management			★		
Transportation Engineering			■		

★ Available in all three intakes

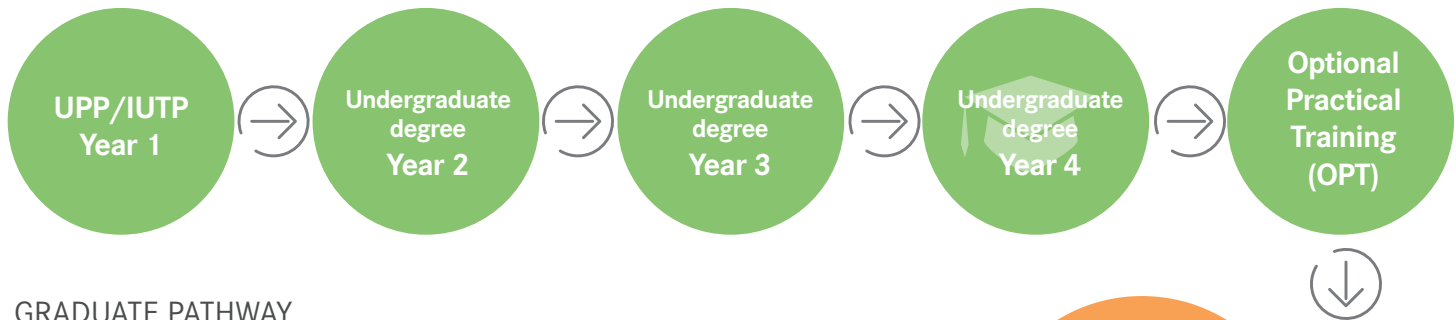
■ Fall intake only

▲ Spring or Fall intake only

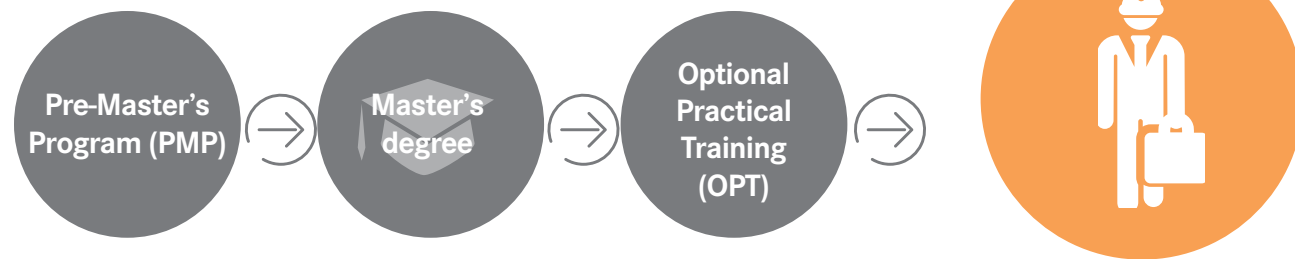


YOUR PATHWAY TO A STEM DEGREE AND OPT IN THE US

UNDERGRADUATE PATHWAY



GRADUATE PATHWAY



Academic entry requirements may vary. Please refer to individual college websites for specific requirements and points of entry. Fast-track options are not available at all colleges. To progress to a university degree program, students must achieve the necessary entry requirements.

“I chose to study in the US because of the great engineering programs, and the wonderful facilities and services provided on campus.

SUZAN LAKER, UGANDA
UPP: CHEMICAL ENGINEERING

If you're interested in studying in the US and earning a degree that will lead to a rewarding and high-paying job, enroll in a Navitas Pathway Program to start your career in STEM. After graduation, you will have the opportunity to:

- earn a high salary
- obtain a job in high-demand
- stay and work in the US for three years



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Launch your career
Apply today 
navitas.com

Navitas accelerates the internationalization of university campuses, providing greater opportunity and access to high-quality learning experiences and bringing global perspectives to the university community. Navitas' proven partnership model delivers expertise, capital and a track record in international education that gives universities the freedom to reinvest their time, money and personnel into capacity building and innovation. By expanding diversity and global connections across college campuses, Navitas fuels universities' efforts towards sustainable growth while delivering a superior student experience.

These schools are authorized under federal law to enroll non-immigrant alien students.

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