



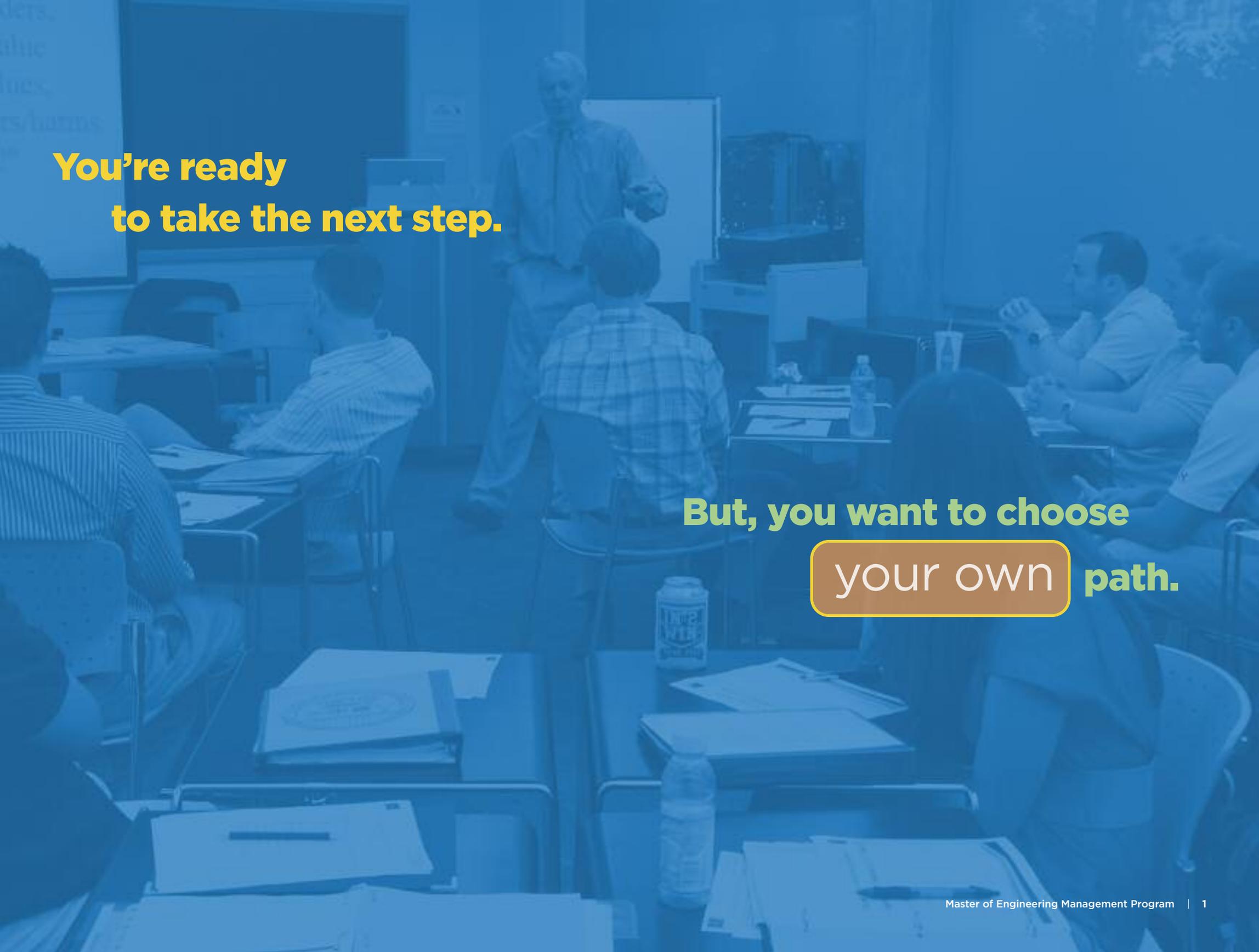
DUKE

MASTER OF ENGINEERING MANAGEMENT PROGRAM



LOW-RESIDENCY
DISTANCE OPTION
FOR WORKING PROFESSIONALS





**You're ready
to take the next step.**

**But, you want to choose
your own path.**

So, let's engineer an education

Through our distance option, you can earn Duke's Master of Engineering Management degree in two years while working full-time and

- Study the **core curriculum of marketing, finance, intellectual property and business law, and management** by viewing online recordings of our campus classes and interacting with fellow students, faculty, and staff through on-campus residencies, virtual meetings, conference calls, and social media.
- Focus on building **expertise in commercialization, financial engineering, or operations management**, with additional technical electives in innovation management, decision models, supply chain management, and product development.
- Attend three week-long residencies on Duke's North Carolina campus to **connect with fellow distance students, campus peers, program faculty, and the larger Duke network** while taking part in challenging leadership workshops emphasizing communication, creativity, and collaboration.
- Engage with a **supportive cohort of like-minded professionals** focused on enhancing their professional development while managing responsibilities at work and home.

..... just for you.



Whether you complete the campus or distance version of Duke's Master of Engineering Management Program, you **take the same classes and earn the same degree.**



The program was an incredibly enriching experience. The small cohort size allows you to interact on a personal level with individuals in many different career paths and fields. Despite being distributed in various locations, the cohort contributes to your learning and augments classroom instruction. Further, the course work was immediately applicable; often, I was able to apply lessons learned during a lecture to a situation at work the very next day. I would recommend this program to any self-starter looking to get ahead in their industry, gain a solid footing in business, and continue to learn technical skills.

Gus Boschert
Defense Contractor
Class of 2013

WHERE DO STUDENTS COME FROM?

IN THE UNITED STATES

ALABAMA
ARIZONA
CALIFORNIA
COLORADO
CONNECTICUT
FLORIDA
GEORGIA
ILLINOIS
KENTUCKY
LOUISIANA
MARYLAND
MASSACHUSETTS
MICHIGAN
MINNESOTA

NEVADA
NEW HAMPSHIRE
NEW JERSEY
NEW YORK
NORTH CAROLINA
OHIO
OKLAHOMA
PENNSYLVANIA
SOUTH CAROLINA
TEXAS
UTAH
VIRGINIA
WASHINGTON
WISCONSIN

ABROAD

TAIWAN
CHILE
GERMANY

PROGRAM REQUIREMENTS

To receive the Master of Engineering Management degree, distance students must complete:

- **Three Residencies**
Orientation
Mid-Program
Capstone
- **Four Core Management courses**
- **Two Focus Area Elective courses** in one area
Innovation and Commercialization
Financial Engineering
Operations and Supply Chain Management
- **Two Technical Elective courses**

Details follow on the next page.



Gus Boschert's cohort reconnects in Durham, the Bull City, for Residency 3.

Core courses are taught by faculty in Duke's business and law schools, while most electives are taught by professionals who understand industry and are eager to share their knowledge.

COURSES

SAMPLE CURRICULUM (OPERATIONS FOCUS SHOWN)

	Fall Year 1	Spring Year 1	Summer Year 1	Fall Year 2	Spring Year 2
Residencies	Orientation Residency at Duke (one week)		Mid-Program Residency at Duke (one week)		Capstone Residency at Duke (one week) Includes EGRMGMT 550/551
Core Management Courses	EGRMGMT 510 Marketing	EGRMGMT 520 IP Law		EGRMGMT 530 Finance	EGRMGMT 540 Management
Focus Area Electives	EGRMGMT 562 Operations Management				EGRMGMT 563 Supply Chain Management
Technical Electives		EGRMGMT 590 Innovation Management		EGRMGMT 560 Project Management	

If none of the focus areas are appropriate, a **customized program of 12 credits chosen from elective courses** may be designed with permission of the student's advisor.

Students may take courses in any order.

See scenarios that allow a student to take more than two years to complete the program at

<http://memp.pratt.duke.edu/distance/program-options>.

CORE MANAGEMENT COURSES

ALL REQUIRED

- EGRMGMT 510:** Marketing
- EGRMGMT 520:** Intellectual Property, Business Law, and Entrepreneurship
- EGRMGMT 530:** Finance in High-Tech Industries
- EGRMGMT 540:** Management in High-Tech Industries

TECHNICAL ELECTIVES

CHOOSE TWO COURSES

- EGRMGMT 560:** Project Management
- EGRMGMT 562:** Operations Management (cannot use as a technical elective if used as a track requirement)
- EGRMGMT 580:** Decision Models
- EGRMGMT 590.XX:** Innovation Management
- EGRMGMT 590.XX:** Managing Product Development

CAPSTONE COURSE

EGRMGMT 550/551 | 6 credits

EGRMGMT 550/551 takes place during the Capstone Residency.

FOCUS AREAS

CHOOSE TWO COURSES FROM ONE AREA

Operations and Supply Chain Management

- EGRMGMT 562:** Operations Management
- EGRMGMT 563:** Supply Chain Management

Financial Engineering

- EGRMGMT 532:** Advanced Finance for Technology-Based Companies
- EGRMGMT 590.XX:** Computational Finance
- EGRMGMT 590.XX:** Advanced Topics in Financial Engineering

Innovation and Commercialization

- EGRMGMT 574:** Commercializing Technology Innovations
- EGRMGMT 590.XX:** Designing Customer Experiences

RESIDENCY

Duke does distance differently. A cornerstone of our cohort-centric model is Residency, a week-long experience that allows you to build community with your fellow cohort members, residential students, and faculty. Being on campus enhances communication and builds connections that last even after a student leaves Duke University. Residencies also allow content delivery not suited to an online format; through our residency programs and workshops, students build career development skills to bring back to their current position.

All three residencies are required.



Tiffany Cremer participates in a team-building exercise during Residency 1.

ORIENTATION RESIDENCY: FOUNDATIONS

ONE WEEK IN AUGUST PRIOR TO THE START OF CLASSES IN FALL YEAR 1

This residency kicks off the d-MEMP program and gives you a solid base to be a successful distance student. Program introductions and updates are delivered, expectations are outlined, and students have the opportunity to experience the Duke community. Highlights include distance technology/tooling overviews, business simulation workshops, alumni engagement opportunities, and activities for the d-MEMP cohort to truly get to know one another.

MID-PROGRAM RESIDENCY: EXPLORATIONS

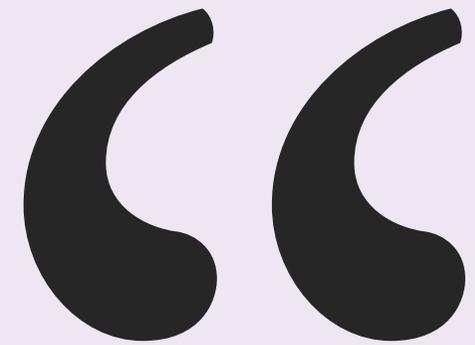
ONE WEEK IN JULY BETWEEN YEARS 1 AND 2

This residency allows students to reconnect with their cohort and other members of the Duke community. Students can reflect on the past year and explore ways to continue to grow both personally and professionally. Seminars, workshops, and a ropes course focusing on professional development, teamwork, and leadership help to supplement the remote classroom experience. Social activities further enhance relationship building within the cohort.

CAPSTONE RESIDENCY: REFLECTIONS

ONE WEEK PRIOR TO MAY GRADUATION IN SPRING YEAR 2

The final residency gives students the opportunity to look back at their experience and learn how their education, professional life, and personal life all come together. The culmination of the d-MEMP program, this residency includes a 7 Habits® workshop and provides students with a forum for class presentations and assessments, discussions, and time to give feedback on the program. Students participate in Duke's graduation ceremonies as a cohort for a final shared experience.



I could not have anticipated how much Duke's d-MEMP would shape my life. As a working professional, the courses were applicable to my daily career endeavors, and the relationship I formed with faculty definitely enhanced my experience. However, the most beneficial part of the d-MEMP experience was the relationship formed with members of my cohort. We related our personal and professional challenges between fields, building our combined knowledge base. Several years after graduation, we have kept in touch, and are continuing to leverage each other's skills, knowledge, and network. Even at a distance, you are part of the d-MEMP (and Duke) community!

Tiffany Cremer
Value Stream/Building
Production Manager
Raytheon
Class of 2011

COHORT PROFILE

d-MEMP cohorts are small, and students connect to each other and the university through our innovative model of online and campus learning. The information below is gathered from several cohorts to give prospective students an idea of a typical class.

Cohort Size 20 to 30

Women 26%

Age at Entry (middle 50%) 24 to 28

Work Experience (middle 50%) 2 to 5 years

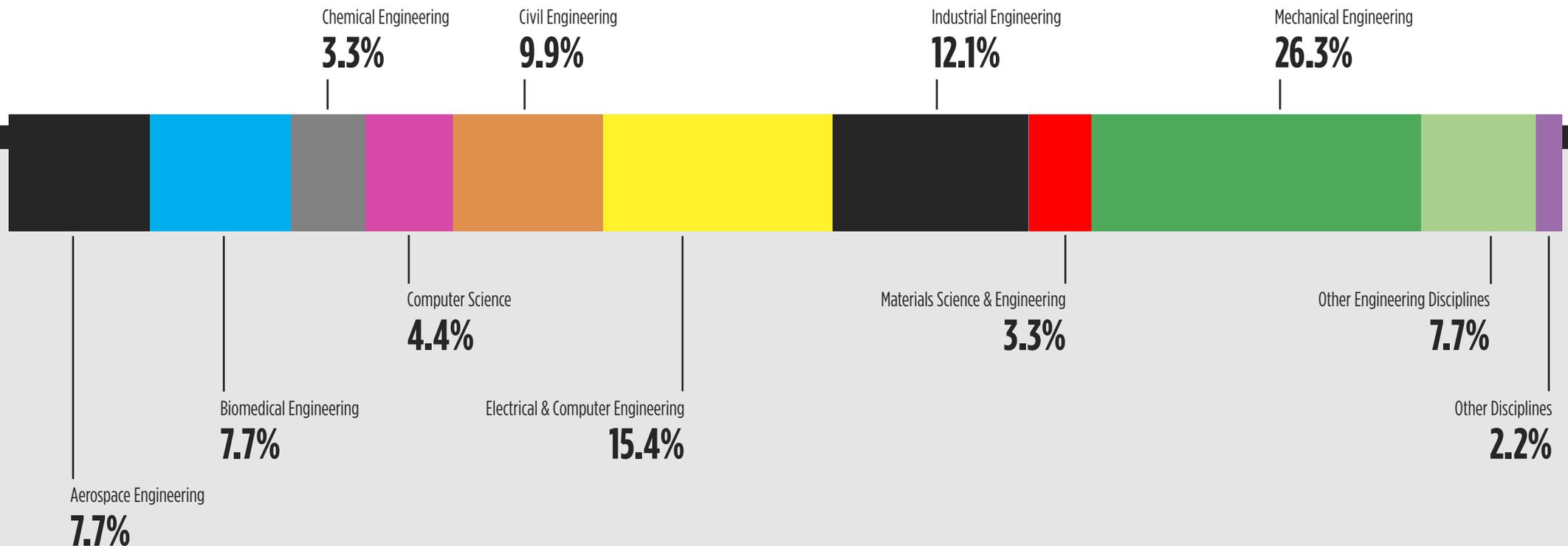
GRE Verbal (middle 50%) 153 – 160

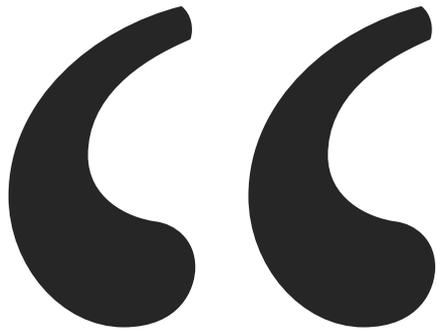
GRE Quantitative (middle 50%) 156 – 164

GRE Analytical Writing (middle 50%) 4.0 – 4.5

Grade Point Average (middle 50%) 3.1 – 3.6

Student Distribution by Undergraduate Major





Brandon Sights flies high on a ropes course during Residency 2.

My engineering management degree from Duke sets me apart from other engineers. I understand that the most important aspect of my job is making the customer's experience with our product the best it can be, not just checking boxes next to a list of tasks every week.

Brandon Sights
Systems Engineer
Trimble Navigation
Class of 2012

ORGANIZATIONS REPRESENTED BY D-MEMP STUDENTS AND ALUMNI

- AT&T • BAE Systems • Bayer Technology Services •
- Black & Veatch • Bosch • Carrier • Caterpillar Logistics •
- Chevron • Danfoss • Deere & Company • Eaton • ExxonMobil •
- Fluor Enterprises • General Electric • Gulfstream Aerospace •
- IBM • Ingersoll Rand • Lockheed Martin • Medtronic •
- Merck • Microsoft • Northrop Grumman • Raytheon •
- Southern Power • The Boeing Company •
- United Armed Forces • United Technologies



APPLY

Early-career engineering professionals are encouraged to explore Duke's Master of Engineering Management Program and d-MEMP, our low-residency distance option.

Application requirements include:

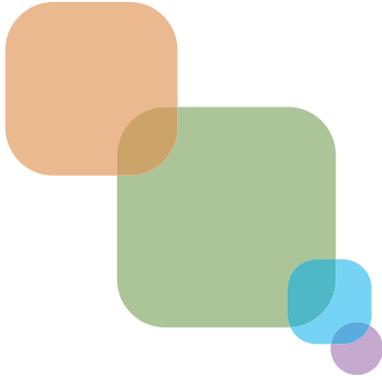
- Bachelor's degree in engineering or science
- Graduate Record Exam results
- Test of English as a Foreign Language results (*international applicants only*)
- Resume
- Statement of Purpose
- Three recommendations from professional or academic sources

APPLICATIONS ARE ACCEPTED FOR FALL ENTRANCE ONLY. For more information, including deadlines and a link to our online application, visit our applicant website at <http://memp.pratt.duke.edu/apply> or contact us.

PHONE: 919.660.5455

WEB: <http://memp.pratt.duke.edu/distance>

E-MAIL: memp@pratt.duke.edu



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ENGINEERING