

THE HARVARD MS/MBA: ENGINEERING SCIENCES PROGRAM

LEADING TECHNOLOGY VENTURES

A JOINT DEGREE WITH HARVARD BUSINESS SCHOOL (HBS) AND THE HARVARD JOHN A. PAULSON SCHOOL OF ENGINEERING & APPLIED SCIENCES (SEAS)

“ WE ARE LOOKING FOR INDIVIDUALS WHO WANT TO BALANCE THEIR PASSION FOR ENGINEERING AND INNOVATION WITH A DEEP UNDERSTANDING OF MANAGEMENT AND LEADERSHIP. ”

- Chad Losee, Managing Director of MBA Admissions & Financial Aid

APPLICATION DEADLINES

ROUND 1

September 8, 2020

ROUND 2

January 5, 2021

TO ENROLL in the program, candidates must apply to and be accepted by HBS and by the Harvard Graduate School of Arts and Sciences (GSAS)/SEAS.

APPLICATION DETAILS

The program seeks a diverse group of outstanding students who:

- Aspire to lead technology ventures.
- Have undergraduate degrees in engineering, computer science, or a related technical field with a record of academic excellence.
- Have at least two years of full-time work experience, ideally designing and/or developing technology-intensive products.
- Meet the other criteria for admission to HBS's MBA Program.

THE PROGRAM



21

MONTHS



30

STUDENTS



2

DEGREES



1

SUMMER EXPERIENCE



5

DESIGN CYCLES
(FROM IDEA TO PROTOTYPE)



2

FACULTY CO-CHAIRS



5

COHORT CLASSES



1

CAPSTONE PROJECT

HOW IS THIS PROGRAM DISTINCTIVE?

The Harvard MS/MBA: Engineering Sciences program conveys concepts and builds skills across three domains: **engineering, design, and innovation management.**

To succeed, a technology venture must meet customers' needs, leverage technology for advantage, and have a viable business model. By extension, leaders of technology ventures must be trained as designers - of products, business models, and organizations.

Designed to train future leaders of technology ventures, the MS/MBA: Engineering Sciences program will:

- provide a strong foundation in general management
- build design skills
- extend students' understanding of engineering

PROGRAM DETAILS

Harvard Business School (HBS) and **the Harvard John A. Paulson School of Engineering and Applied Sciences (SEAS)** offer a joint degree program which confers a Masters in Business Administration (MBA) from HBS and a Master of Science (MS) in Engineering Sciences from SEAS. The program is completed in four semesters over two years, augmented by August and January term coursework amounting to three-quarters of a fifth semester.

Year 1 students:

- start the program as a cohort at SEAS in August, taking the **System Engineering Course**
- complete the **MBA Required Curriculum (RC)** at HBS
- meet periodically as a cohort at SEAS in the **Engineering, Design & Innovation Management Seminar**
- complete the **Technology Venture Immersion Course** together during the January term

Year 2 students:

- split their time between SEAS and HBS, enrolling in electives at each school in order to complete the **MS technical courses** and **MBA Elective Curriculum (EC)**
- take the **Integrated Design Course** as a cohort during the fall term
- complete the **Launch Lab/Capstone Course**, in which they work in small teams to build and launch a new product during the January and spring terms

During the summer between Year 1 and Year 2, most students either work on their own startup concept or as an intern in a technology venture; in either case they are matched with alumni mentors and may apply for a summer fellowship grant from the HBS Rock Center for Entrepreneurship.

CURRENT STUDENT PERSPECTIVES



Martina Pillay

Class of 2020

BS, Bioengineering
University of Illinois

“As an aspiring technology leader in healthcare, I'm extremely excited for this program to be an incubator for students to build skills around entrepreneurship and innovative management. I especially look forward to the hands-on opportunities we will have in developing our own projects, such as the capstone project in the second year. ”



Adar Arnon

Class of 2020

BS, Computer Science
Hebrew University of Jerusalem

“I am most excited about studying and working together with my MS/MBA cohort. We all share a passion for technology, but from diverse backgrounds and perspectives. I believe that the experience of studying together and learning from each other as a cohort will make all of us better leaders and entrepreneurs down the road. ”

For more information please visit harvardms.mba or email msmba@hbs.edu.