

# TECHNOLOGY, MANAGEMENT AND DESIGN (MINOR)

## Program Description

As Design Thinking is ubiquitous throughout the technology landscape regardless of industry, company structure, location and size, the TMD minor's course offerings provide a contemporary, useful and applicable set of technology management tools and inculcates a design-thinking mindset. The TMD minor provides a multi-disciplinary complement, not only for STEM, but for many other disciplines taught at NYU.

TMD prepares students for the professional dual ladder model of "engineering and management" - ascending career positions through the dual rungs of technological prowess+skills, and managerial expertise. As such, TMD "graduates" will be prepared to climb the career ladders facing them and be poised for successes in diverse professional environments. With companies' increasing demand for creative, innovative and collaborative employees, students taking the TMD minor will have the opportunity to develop key skills for their future career: collaboration skills, project experience and a portfolio of innovative techniques. Career prospects range across industries such as technology, finance, healthcare, public service and others.

The TMD Minor is open to all NYU students including students in the Tandon SOE BTM<sup>1</sup> major.

1

BTM refers to the Tandon SOE TMI Department's BSc in Business and Technology Management (<https://bulletins.nyu.edu/undergraduate/engineering/programs/business-technology-management-bs/>) major.

## Admissions

New York University's Office of Undergraduate Admissions supports the application process for all undergraduate programs at NYU. For additional information about undergraduate admissions, including application requirements, see How to Apply (<https://www.nyu.edu/admissions/undergraduate-admissions/how-to-apply.html>).

## Program Requirements

Course	Title	Credits
<b>TMD Required Core Course</b>		
MG-UY 2704	DESIGN THINKING FOR CREATIVE PROBLEM SOLVING	4
<b>TMD Electives</b>		
Select three of the following: <sup>1</sup>		12
MG-UY 3714	DESIGN STRATEGIES	
MG-UY 3724	HUMAN-CENTERED PRODUCT DESIGN STUDIO	
MG-UY 3734	SERVICE DESIGN INNOVATION	
MG-UY 4404	ENTREPRENEURSHIP <sup>2</sup>	
MG-UY 4114	<sup>3</sup>	
<b>Total Credits</b>		<b>16</b>

1

More TMD related MG-UY courses are planned.

2

MG-UY 4404 ENTREPRENEURSHIP is a degree requirement for BTM (BTM refers to the Tandon SOE TMI Department's BSc in Business and Technology Management major.) students and therefore is an anti-requisite and cannot be applied towards the TMD Minor. MG-UY 4404 ENTREPRENEURSHIP is open to all declared TMD minor students.

3

With a topic specifically announced and designated under the TMD minor, with a pre-req of MG-UY 2704 DESIGN THINKING FOR CREATIVE PROBLEM SOLVING

BTM majors may only count TMD courses towards BTM Free Electives or in addition to BTM Degree requirements.

## TMD Restrictions

Students may not double count courses between the Tandon SOE Cross School Management Minor<sup>1</sup> and this Tandon SOE Minor in Technology, Management and Design and required courses in the Tandon SOE BTM<sup>2</sup> major.

1

BTM students are not eligible to participate in the Tandon SOE Management Minor.

2

BTM refers to the Tandon SOE TMI Department's BSc in Business and Technology Management major.

## Policies NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

## Tandon Policies

Additional academic policies can be found on the Tandon academic policy page (<https://bulletins.nyu.edu/undergraduate/engineering/academic-policies/>).