

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

Applying for the Minor

Apply for a minor in Albert using the link in the My Academics section of the Student Center.

Students should apply for the minor before applying for graduation. After applying for the minor, the application is then forwarded to the Home School Advising Office, Host School Advising Office, Host School Department/Program, and the Academic Dean's office.

The departmental advisers governing the minor will have access to approve or disapprove the minor online using the Graduation Tracking Search page. If a student is registered for a course for the minor during their last semester, the adviser can still set the status to departmental approved pending current courses.

Program Requirements

Course	Title	Credits
TMD Required Core Course		
MG-UY 2704	Design Thinking for Creative Problem Solving	4
TMD Electives		
Select three of the following: ¹		12
MG-UY 3714	Design Strategies	
MG-UY 3724	Human-Centered Product Design Studio	
MG-UY 3734	Service Design Innovation	
MG-UY 4404	Entrepreneurship ²	
MG-UY 4114	SPECIAL TOPICS IN MANAGEMENT ³	
Total Credits		16

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 (<https://bulletins.nyu.edu/undergraduate/engineering/programs/business-technology-management-bs/>) major) students and therefore is an anti-requisite and cannot be applied towards the TMD Minor. MG-UY 4404 Entrepreneurship is open to all other 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 Minor¹ and this Tandon SOE Minor in Technology, Management and Design and required courses in the Tandon SOE BTM² 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 (<https://bulletins.nyu.edu/undergraduate/engineering/programs/business-technology-management-bs/>) 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/>).

¹ More TMD related MG-UY courses are planned.