

# MASTER OF INDUSTRIAL DESIGN (MID)

Industrial design is the professional service of creating and developing concepts and specifications that optimize the function, value, and appearance of products and systems for the mutual benefit of both user and manufacturer. The industrial designer's work touches all of our lives in the form of home products and furnishings, communication devices, healthcare equipment, rehabilitation technologies, and a myriad of other consumer and industrial products and services. While giving form to the efforts of industry, the designer is at the same time a consumer advocate, providing the humanizing link between technology and people. As such, the industrial designer's central responsibilities include fitting the artifact, system, or service to the person through considering appropriate aesthetics and ergonomics, technical processes, requirements for manufacture, marketing opportunities, and economic constraints.

At the graduate-level, Georgia Tech's Master's of Industrial Design (MID) focuses on an inclusive design approach that is dedicated to the creation and development of products, systems, services and environments that are usable by all segments of the population. With the growing diversity of the population, inclusive design is becoming increasingly important to designers of tomorrow to ensure that design is responsive to the individual and collective needs of all people.

Capitalizing on Georgia Tech's rich traditions in technology and research, the MID program stresses a user-centered design process and evidence-based design practice that offers students unique opportunities to explore the design of new and existing technologies. Faculty members, who are practicing designers and experts in their fields, maintain active research programs in tangible products within communication technologies, enabling environments, supportive product systems, rehabilitation technologies, and healthcare systems technologies.

The Georgia Tech MID program offers a well-rounded course of study with early emphasis on exercising design principles and developing project-based design skills. Design projects stress realistic design situations, where students can have the opportunity to be involved in sponsored and/or funded projects. Within this model, the program encourages students to expand individual disciplinary talents and respond to changing opportunities in the field.

Students who have an undergraduate degree in industrial design from an undergraduate ID program similar to Georgia Tech's can complete a two-year program consisting of 48 graduate credits.

Students who do not have an undergraduate degree in industrial design will need to successfully complete an additional 28 undergraduate industrial design credits, which at a minimum includes one year of undergraduate industrial design studios, Advanced Sketching, History of Industrial Design, Industrial Design Computing I and II, and Professional ID Practices. These classes are the minimum requirements students with a previous degree other than industrial design need before proceeding into the graduate-level studios and coursework.

All graduate students will be reviewed each year for satisfactory progress. Credit toward the MID degree will be granted for courses in which a grade of C or higher is earned.

ID Graduate Studies Information

The minimum requirements for the two-year MID degree for a student with a previous degree in industrial design are as follows:

Code	Title	Credit Hours
<b>Required Courses</b>		
ID 6100	Introduction to Graduate Studies in Industrial Design	3
ID 6101	Human Centered Design	3
ID 6211	Graduate Studio One	4
ID 6216	Service Design, Brand and Value Creation	3
ID 6403	Intro to Thesis Studies	3
Select one:		4
ID 6212	Grad Studio Two: Health and Wellness	
ID 6213	Grad Studio Two: Interactive Products	
<b>Graduate Electives</b>		<b>16</b>
ID 6106	3D Design Methods	
ID 6109	Human Factors and Ergonomics	
ID 6401	Visualizing Interaction	
ID 6420	Advanced Sketching	
ID 6508	Shape Grammars	
ID 6506	Parametric Product Modeling	
ID 6509	Computation, Creativity and Design Cognition	
ID 6510	Design for Interaction: Working with New Technologies	
ID 6515	Interface Prototyping: Exploring Tools & Theories	
ID 6520	Crafting Design Methods	
ID 6620	Soft Goods Design	
ID 6763	Design of Interactive Environments	
ID 6800	Investigations of Universal Design in the Built Environment	
ID 6820	Web Design, Usability and Accessibility	
ID 6830	Wearable Tech for Health	
ID 7655	Designing For Curiosity	
ID 8803	Special Topics (Advance Immersive Experiences)	
ID 8803	Special Topics (Evidence Based Design)	
ID 8803	Special Topics (CoDe Craft Group)	
ID 8803	Special Topics (Culture of Objects)	
ID 8803	Special Topics (Game Play User Experience)	
ID 8803	Special Topics (Health Care Design of the Future)	
ID 8803	Special Topics (Professional Practices)	
ID 8803	Special Topics (HMI Lab UX Interior Project)	
ID 8803	Special Topics (Tech of Poetic Objects)	
<b>Thesis/Non-Thesis</b>		
Select one of the following:		12
ID 7000	Master's Thesis	
ID 6400	Master's Project (Non-Thesis)	
<b>Total Credit Hours</b>		<b>48</b>

All work executed in the College becomes the property of the College and will be retained or returned at the discretion of the faculty. The faculty also reserves the right to refuse credit for any project executed

outside the precincts of the College or otherwise executed without proper coordination with the instructor.