

(For all students in the Program)

Undergraduate Minor Program in Design

The Minor Program in Design is designed mainly for engineering students, but is also open to all students to apply. Any undergraduate students with an overall CGA of 2.5 or above may enroll in this Minor Program. Students must declare their intention to enroll in the Minor Program no earlier than the first regular term of their second year of study but no later than the last day of the add/drop period in the first regular term of their final year of study. Students who wish to withdraw from the Minor Program should apply before the last day of the add/drop period in the last regular term of their final year of study.

Minor Requirements

To graduate with a minor in Design, the students must have enrolled in the Minor Program and completed a minimum total of 18 credits and all of its requirements, as well as all the requirements of their major program of study.

For credit transfer, students can transfer a maximum total of 6 credits to the Minor Program.

Out of the total credits required by the minor program, at least 9 credits should be single-counted within the minor and are not used to fulfill any other requirements for graduation except the 120-credit degree requirement.

Students may use no more than 6 credits earned from courses offered in pure online delivery mode to satisfy the graduation requirements of a degree program. This 6-credit limit does not apply to credits obtained through the credit transfer procedures of the University.

Required Course(s)

			Credit(s) attained
IEDA	4320	Design Thinking	3
IEDA/MARK		Note: IEDA 4650 <u>OR</u> MARK 3220 <u>OR</u> MARK 3450	3-4
IEDA	4650	Engineering Psychology	3
MARK	3220	Marketing Research	4
MARK	3450	Analytical Techniques for Product Marketing	4

Elective(s)

			Minimum credit(s) required
IEDA/ENGG/ HART/SOSC		Design Foundation Electives (Courses from the specified elective list)	6
IEDA	2145	Design Studio	3
IEDA	2150	Product Design	3
ENGG	1200	Engineering Team Design Experience: Airship	3
HART	1001	Arts and Creativity	2
HART	1036	Introduction to Graphic Design	1
SOSC	2170	Environment, Sustainability and Business: A Design Approach	3

SENG		Design Focus Electives (Courses from the specified elective list. No more than one course within the same course groups of ELEC 3300 / IEDA 2100 / MECH 2907 and IEDA 4170 / MECH 3510 may be counted towards the elective requirement.)	6
	IEDA 2100	Computing in Industrial Applications	3
	IEDA 3130	Ergonomics and Safety Management	3
	IEDA 4170	Product Design and Lifecycle Management	3
	BIEN 3010	Biodesign: A Taste of Solving Real-Life Healthcare Problems	3
	COMP 4411	Computer Graphics	3
	COMP 4451	Game Programming	3
	COMP 4461	Human-Computer Interaction	3
	COMP 4521	Mobile Application Development	3
	ELEC 3300	Introduction to Embedded Systems	4
	ELEC 4170	Digital Media and Multimedia Applications	4
	MECH 2907	Mechatronic Design and Prototyping	3
	MECH 3510	CAD/CAM	3