

ENGINEERING DESIGN, CERTIFICATE

Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

Program Requirements

To earn an undergraduate certificate in Engineering Design, a minimum of 13 credits is required.

Code	Title	Credits
Prescribed Courses		
EDSGN 100	Cornerstone Engineering Design	3
EDSGN 367	Design Thinking and Making	3
EDSGN 485	Engineering Design Portfolio	1

Supporting Courses

In addition to the required courses, students must taken a minimum of 6 credits of supporting courses, such as EDSGN 4XX or other 400-level courses with approval from the Certificate Director. ¹	6
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¹ With approval from the Certificate Director, any course of 3 credits or more at the 400-level or above that can be shown to have a majority of content devoted to engineering design projects, and that has been completed with a semester grade of at least C, can be counted towards the certificate's 6 credits of supporting courses.

Non-Course Requirements

No fewer than 6 credits of supporting courses must be completed at the 400-level or above. Up to 3 of these credits may be obtained through pre-approved co-op (400-level) experiences that are primarily design work. Other examples of courses that would satisfy the certificate (in addition to the prescribed courses include any of the EDSGN 400 level courses offered by the School of Engineering Design and Innovation. In addition, the Director of the Certificate will maintain a list of courses that have been approved previously for the certificate.