CornellEngineering

Systems Engineering

M.Eng. Distance Learning (DL) Requirements

Required Courses

The following courses are required for the M.Eng. DL degree in Systems Engineering.

SYSEN 5100	Model Based Systems Engineering	(Fall, 4 credits)
SYSEN 5200	Systems Analysis Behavior Optimization	(Spring, 3 credits)
SYSEN 5900	Systems Engineering Project	(Fall and Spring, 6 to 8 credits)
CEE 6910	Principles of Project Leadership	(Spring'Fall 4 credits)
SYSEN 5920	Sys Eng Management for Virtual Teams	(Fall, 1 credit)
SYSEN 5940	Creativity/Innov. In Sys. Eng.	(Spring, 1 credit)
	Total credits for required courses	**18 to 20**

Elective Courses

Since a minimum of **30** credits are required for the M.Eng. Degree, **10 to 12** credits of electives will be needed.

The electives are grouped into the following categories with the restrictions described:

Group	Restriction
Modeling and Analysis	At least one course must be taken from this group (3 to 4 credits)
Applications	At least one course must be taken from this group (3 to 4 credits)
Management	No more than one course may be taken from this group
Seminar	No more than one course each semester may be taken from this group, for a maximum of two courses in total

We will also allow up to 9 transfer credits to be used towards your degree if they have not been used for any other degree and upon program approval. Your advisor **must** approve the electives you select to ensure a well-rounded program of study. This is documented by submitted a proposal form to the Systems Engineering program office.

Sample Checklist

•	SYSEN 5100	4
•	SYSEN 5200	3
•	CEE 6910	4
•	MEng Project	6
•	Elective 1	3-4 (M&E)
•	Elective 2	3-4 (Applications)
•	On Campus Modules	2
•	Additional Elective Credits	4-6
	Total Credit Hours	**30**