

# Engineering Management Analytics (EMGA)

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## Graduate Certificate in Engineering Management Analytics

### Admissions requirements:

1. Meet all graduate school admission requirements.
2. Conferred bachelor of science degree in engineering from an engineering program accredited by the Engineering Accreditation Commission of ABET (or equivalent accreditation) or a STEM degree from a regionally accredited program..
3. Applicants with a 3.0/4.0 or better undergraduate GPA are not required to take the GRE.
4. There are no prerequisites for students with an undergraduate degree from an ABET-accredited engineering program.
5. For students with a degree other than an ABET-accredited engineering degree, prerequisite courses may be required.
6. Only students with an ABET- accredited engineering degree may apply the graduate certificate courses to the Master of Science in Engineering Management Degree.

### Required Courses:

#### Core Courses (9 hours)

EMGT 57003	Probability and Statistics for Engineering Management	3
EMGT 50503	Tradeoff Analytics for Engineering Management	3
EMGT 54403	Decision Models	3

#### Electives (select one) 3

OPAN 50003	Introduction to Operations Analytics	
OMGT 56503	Introduction to Data Analytics for Operations Managers	
INEG 54303	Cost Estimation Models	
EMGT 57703	Engineering Risk Analysis	

<b>Total Hours</b>		<b>12</b>
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