



NED University of Engineering & Technology, Karachi

Admission in Masters Degree Programmes

Academic Session 2011-12

ELIGIBILITY

1. The applicant must have passed Qualifying Examinations in the equivalent/ relevant Engineering Discipline from NED University or an equivalent recognised Institution with First Division or at least with CGPA 2.4/4.0.
2. All Professional Bachelors Degree must be accredited by respective Accreditation bodies e.g. Pakistan Engineering Council (PEC) and Pakistan Council of Architects & Town Planners (PCATP).
3. All other degrees must be recognised by Higher Education Commission (HEC).
4. Any equivalent / relevant Degree other than the required qualification mentioned below needs eligibility from concerned Department before submission of Admission Form.

MASTERS DEGREE PROGRAMMES	QUALIFICATION REQUIRED
a) MASTER OF ENGINEERING (M. ENGG)	
<i>Name of Departments and Areas of Specialisation are given below:</i>	
1. Civil Engineering a) Structural Engineering b) Geo-technical Engineering c) Transportation Engineering	<ul style="list-style-type: none"> ▪ Bachelor Degree in Civil Engineering ▪ Bachelor Degree in Urban Engineering from NED University is also eligible.
2. Mechanical Engineering a) Design b) Energy Systems	<ul style="list-style-type: none"> ▪ Bachelor Degree in Mechanical Engineering
3. Electrical Engineering Electrical Power Systems	<ul style="list-style-type: none"> ▪ Bachelor Degree in Electrical Engineering ▪ Bachelor Degree in Power Systems Engineering is also eligible.
4. Computer Systems Engineering a) Computer Architecture & Systems Design b) Computer Network & Performance Evaluation	<ul style="list-style-type: none"> ▪ Bachelor Degree in Computer Systems Engineering ▪ Bachelor Degree in Electrical/ Electronic/ Telecommunications Engineering from NED University is also eligible.
5. Electronic Engineering a) Micro System Design b) Industrial Electronics	<ul style="list-style-type: none"> ▪ Bachelor Degree in Electronic Engineering
6. Industrial & Manufacturing Engineering Manufacturing Engineering	<ul style="list-style-type: none"> ▪ Bachelor Degree in Industrial & Manufacturing Engineering
7. Textile Engineering Textile Engineering	<ul style="list-style-type: none"> ▪ Bachelor Degree in Textile Engineering
8. Materials Engineering Materials Engineering	<ul style="list-style-type: none"> ▪ Bachelor Degree in Materials Engineering ▪ Bachelor Degree in Metallurgical Engineering from NED University is also eligible.
9. Telecommunications Engineering Telecommunications Engineering	<ul style="list-style-type: none"> ▪ Bachelor Degree in Telecommunications Engineering
10. Environmental Engineering Environmental Engineering	<ul style="list-style-type: none"> ▪ Bachelor Degree in Civil Engineering ▪ Bachelor Degree in Urban/ Mechanical/ Chemical Engineering from NED University is also eligible.

MASTERS DEGREE PROGRAMMES	QUALIFICATION REQUIRED
11. Chemical Engineering Chemical Engineering	<ul style="list-style-type: none"> ▪ Bachelor Degree in Chemical Engineering ▪ Bachelor Degree in Mechanical/ Textile/ Industrial & Manufacturing Engineering from NED University is also eligible.
12. Automotive Engineering a) Automotive Design b) Automotive Manufacturing	<ul style="list-style-type: none"> ▪ Bachelor Degree in Automotive Engineering ▪ Bachelor Degree in Mechanical/ Industrial & Manufacturing Engineering from NED University is also eligible.
13. Bio-Medical Engineering Bio-Medical Engineering	16+1 years education leading to a degree in Bio-Medical Engineering ; (Those who have sixteen years education with Bachelor degree in Bio-Medical Engineering , would be offered admission subject to passing prerequisite courses before being admitted. These courses would be prescribed by the Admission Committee).
b) MASTER OF ENGINEERING MANAGEMENT (MEM)	
<i>Name of Departments and Areas of Specialisation are given below:</i>	
1. Civil Engineering a) Construction Management	<ul style="list-style-type: none"> ▪ Bachelor Degree in Civil Engineering ▪ Bachelor Degree in Urban Engineering from NED University is also eligible. ▪ Bachelor Degree in Architecture or an equivalent Degree with Intermediate (Pre-Engineering) is also eligible.
b) Water Resources Management	<ul style="list-style-type: none"> ▪ Bachelor Degree in Civil Engineering ▪ Bachelor Degree in Urban Engineering from NED University is also eligible.
2. Urban & Infrastructure Engineering Transportation Infrastructure Management	<ul style="list-style-type: none"> ▪ Bachelor Degree in Urban Engineering ▪ Bachelor Degree in Civil Engineering from NED University is also eligible.
3. Environmental Engineering Environmental Management	<ul style="list-style-type: none"> ▪ Bachelor Degree in Civil Engineering ▪ Bachelor Degree in Mechanical/Chemical/Urban Engineering from NED University is also eligible.
4. Industrial & Manufacturing Engineering a) Industrial Management b) Quality Management	<ul style="list-style-type: none"> ▪ Bachelor Degree in Industrial Manufacturing Engineering
5. Electrical Engineering Energy Management	<ul style="list-style-type: none"> ▪ Bachelor Degree in Electrical Engineering with preferably two years work experience in Power and Energy Sector
c) MASTER OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY (MCIT)	
<i>Name of Department and Area of Specialisation is given below:</i>	
Computer Science & Information Technology Computer Science & Information Technology	<ul style="list-style-type: none"> ▪ Bachelor Degree in Computer Science & Information Technology (BCIT) ▪ Bachelor Degree in Computer Systems/ Electronic/ Telecommunications/ Civil/ Urban/ Mechanical/ Electrical/ Textile/ Industrial Manufacturing/ Automotive Engineering or Architecture from NED University is also eligible. ▪ Master of Science in Applied Mathematics/ Applied Physics

MASTERS DEGREE PROGRAMMES	QUALIFICATION REQUIRED
d) MASTER OF URBAN & REGIONAL PLANNING (MURP)	
<i>Name of Department and Area of Specialisation is given below:</i>	
Architecture & Planning Urban & Regional Planning	<ul style="list-style-type: none"> ▪ Bachelor Degree in Architecture ▪ Bachelor Degree in Civil/ Urban Engineering from NED University is also eligible. ▪ Bachelor Degree in City & Regional Planning or Four Years Bachelor of Geography
e) MASTER OF ARCHITECTURE (M.ARCH)	
<i>Name of Department and Area of Specialisation is given below:</i>	
Architecture & Planning Architecture	<ul style="list-style-type: none"> ▪ Bachelor Degree in Architecture
f) MASTER OF APPLIED MATHEMATICS (MAM)	
<i>Name of Department and Area of Specialisation is given below:</i>	
Mathematics Applied Mathematics	<ul style="list-style-type: none"> ▪ 16 years education or equivalent in Mathematics or in any Engineering discipline.

Note: Admission Test of the all above Programmes will be held on 14th, 15th & 16th May, 2011

REGISTRAR

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