BRAINS
INSTITUTE PESHAWAR

MS
SOFTWARE ENGINEERING

2 YEARS

APPLY NOW

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MS DEGREE PROGRAMS IN SOFTWARE ENGINEERING

2 YEARS

PROJECT MANAGEMENT

CORE OBJECTIVE

The core objective of an MS program in in Software Engineering is to provide students with advanced knowledge and skills in various areas of computer science, including software development, algorithms, data structures, artificial intelligence, machine learning, and more. The program aims to equip students with both theoretical understanding and practical experience to excel in the rapidly evolving field of computer science.

COURSE CONTENTS

The specific course contents can vary based on the program and institution. However, typical courses in an MS in Software Engineering program might include:

- Software Requirements Engineering
- Software Design and Architecture
- Object-Oriented Analysis and Design
- Software Testing and Quality Assurance
- Software Project Management
- Agile and Scrum Methodologies
- Software Metrics and Measurement
- Software Security
- Software Maintenance and Evolution
- Advanced Programming Concepts
- Human-Computer Interaction
- Database Systems
- Software Development Tools and Practices

ADMISSION ELIGIBILITY

Admission eligibility criteria for an MS in Software Engineering program generally include a bachelor's degree in a related field, such as computer science, software engineering, or a closely related discipline. Letters of recommendation, a statement of purpose, and standardized test scores (e.g., GRE) might also be required.

SEMESTERS AND CREDIT HOURS

MS program spans two years, divided into multiple semesters. Each semester consists of a set of courses worth a certain number of credit hours. A typical program might have around 30 to 36 credit hours in total.

CAREER PATH

Graduates of an MS program in Software Engineering can pursue various career paths, such as:

- Software Engineer
- Software Developer
- Software Architect
- Quality Assurance Engineer
- DevOps Engineer
- Systems Analyst
- Technical Lead
- Project Manager
- Software Consultant

EXAMS AND CLASSES

Students in an MS program can expect to attend lectures, participate in hands-on coding projects, engage in group discussions, and complete assignments. Exams and assessments will be conducted to evaluate your understanding of computer science concepts and practical skills.

AWARD OF DEGREE PROCESS

To be awarded an MS degree in Software Engineering, students typically need to complete all required coursework, maintain a certain GPA, and possibly complete a thesis or research project. The exact requirements can vary depending on the program.

ADMISSION ELIGIBILITY

Candidates who have completed their intermediate education (12 years of schooling) or equivalent are eligible to apply for admission.

SCHOLARSHIP OFFERED BY

Worker welfare Board

KP Education foundation

BRAINS'S Merit and Need Based Scholarship

SCHOLARSHIPS

BRAINS provides a variety of scholarships based on merit and financial need for eligible students.

FEE & INVESTMENT

MS Program	Eligibility Criteria	Credit Hours	Admission fee	Tuition Fee/ Semester	Sub-Total 1st Semester	2nd Semester	3rd Semester	4th Semester	Total Investment
MSSE	16 years education in CS/IT with 2.5GPA OR 60%	30 to 36	10000	60000	70000	60000	66000	66000	270000

ABOUT

The **BRAINS** Institute's primary campus is strategically situated in the vibrant center of Peshawar,at Phase- III Chowk, Hayatabad. This location is at the crossroads of thrivingbusiness districts. The Institute is nestled among prominent commercial hubs and markets, and it's conveniently accessible via the popular Bus Rapid Transit (BRT) system. This prime location ensures that students from all parts of the city can easily reach the Institute