



**BRAINS**  
INSTITUTE PESHAWAR

Approved By:

Higher Education Commission



# MS COMPUTER SCIENCE

**2 YEARS**

**APPLY NOW**

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## MS DEGREE PROGRAMS IN COMPUTER SCIENCE

2 YEARS

### PROJECT MANAGEMENT

## CORE OBJECTIVE

The core objective of an MS program in Computer Science 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, but typical courses in an MS in Project Management Science program might include:

- ▶ Advanced Algorithms
- ▶ Data Structures
- ▶ Software Engineering
- ▶ Database Management Systems
- ▶ Artificial Intelligence
- ▶ Machine Learning
- ▶ Computer Networks
- ▶ Operating Systems
- ▶ Web Development
- ▶ Cybersecurity
- ▶ Distributed Computing



Recognized by:

**Higher Education Commission of Pakistan**

The **BRAINS** Institute Peshawar as a degree awarding institute recognized by HEC .

Chartered by:

Govt: of Khyber Pakhtunkhwa

## ADMISSION ELIGIBILITY

- A bachelor's degree from recognized universities with a minimum of 16 years of education and a specified GPA or CGPA.
- Supplementary documents such as transcripts, letters of recommendation, and a statement of purpose are typically required.
- Some programs may also mandate achieving a qualifying score on a relevant standardized test like the GRE, and an interview might also be part of the process.

## 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 in Project Management Science program can pursue various career paths, such as:

- Software Developer
- Data Scientist
- Machine Learning Engineer
- Artificial Intelligence Specialist
- Systems Analyst
- Network Engineer
- Cybersecurity Analyst
- Database Administrator
- Research Scientist
- Academia and Teaching

## SCHOLARSHIPS

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

## 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 Computer Science , students need to complete all required coursework, maintain a certain GPA, and possibly complete a capstone project or thesis. 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

## DISCLAIMER

Course revisions may occur periodically as part of ongoing reviews to align them with topclass courses offered by foreign universities. During these reviews, the needs of the local industry and job market are also taken into account. Additionally, The BRAINS Institute reserves the right to modify the fee structure as needed

# 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
MSCS	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 thriving business 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

