



SUPERIOR  
UNIVERSITY

# MS Software Engineering

FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY



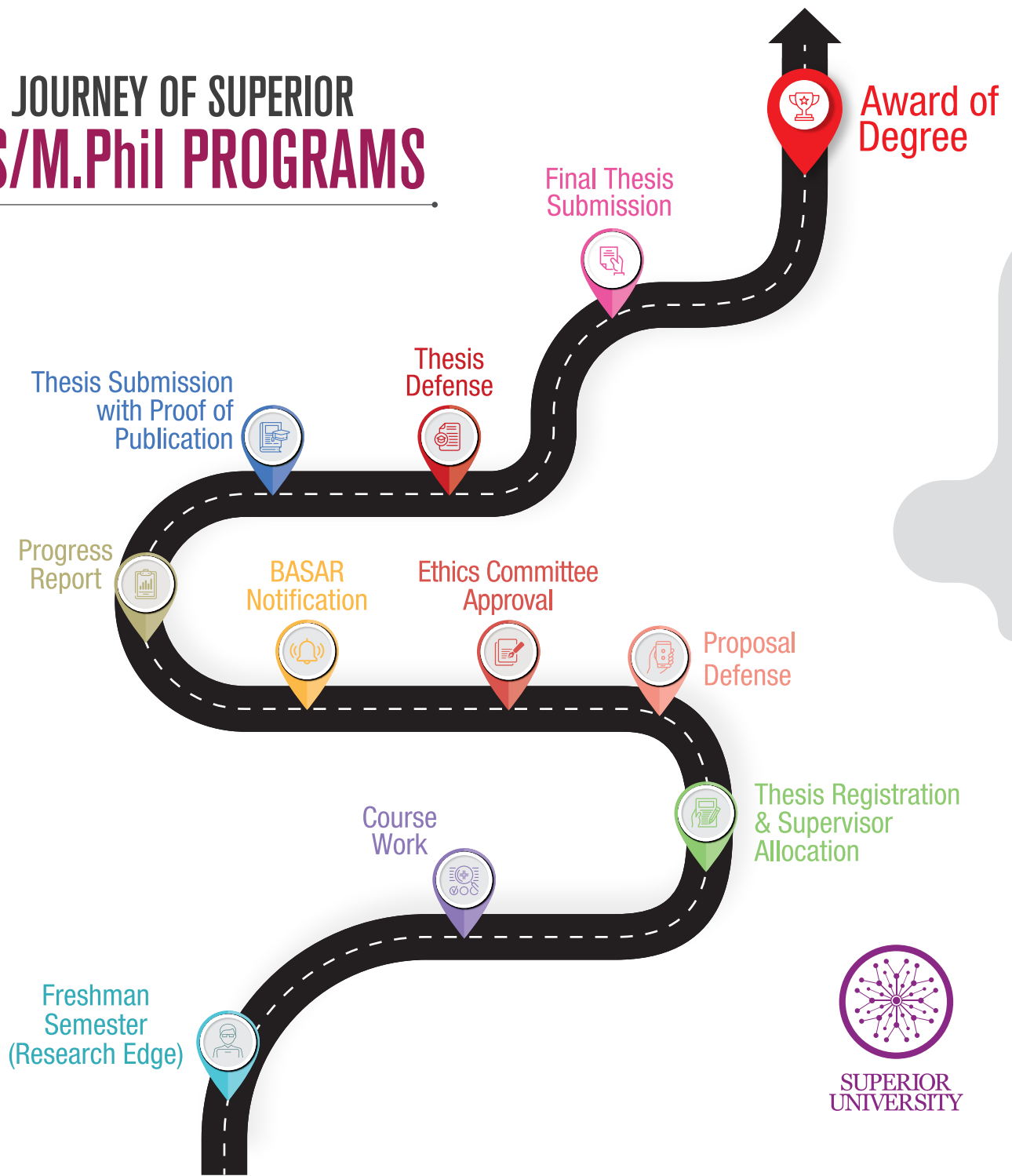
**RANKED NO. 1** IN  
QUALITY OF EDUCATION  
IN PAKISTAN

WORLD RANK IN  
QUALITY OF EDUCATION  
**101-200**

OVERALL RANK IN  
WORLD'S TOP  
**401-600**

AMONG THE  
**TOP 10**  
UNIVERSITIES OF  
PAKISTAN

# JOURNEY OF SUPERIOR MS/M.Phil PROGRAMS



# MS

## Software Engineering

Superior University's MS Software Engineering program focuses on a thorough understanding of the latest research into modern technologies, systems, and analytics. Designed to address the needs of experienced software engineering professionals who want to increase their potential and relevance in the marketplace, the curriculum enables the students to implement, manage, and conduct research into the development, maintenance, and evolution of software products.

Course Duration	2 Years
Semesters	4
Total Credit Hours	30

### Eligibility

Degree in relevant subject, earned from a recognized university after 16 years of education with at least 60% marks or CGPA of at least 2.0 (on a scale of 4.0). Qualify GAT Test General (NTS) with 50% or GAT Test (University) with 60%.

### Semester 1

Software Quality Assurance and Testing	3
Research Methods	3
Elective-I	3
Elective-II	3

### Semester 2

Advanced Software Architecture	3
Requirement Engineering	3
Elective-III	3
Elective-IV	3

### Semester 3 & 4

Thesis	6
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### List of Electives

Automated Software Engineering	3
Advanced Software Project Management	3
Advanced Human-Computer Interaction	3
Advanced Web Computing System and Application	3
Advanced Usability Engineering	3
Component-based Software Engineering	3
Software Re-Engineering	3
Advanced Software Engineering.	3



# 3U1M<sup>®</sup> WITH GLOBAL EXPERIENCE

## CAREER SCOPE

- Rewarding career opportunities in Pakistan and abroad.
- Huge career potential in a variety of sectors including IT Consulting, Software Development, Systems Engineering, Project Management.
- Teaching career opportunities in academia.
- Rising demand for software engineers in emerging areas like AI, Data Science, And Cybersecurity in Pakistan
- Global exposure for higher education, internship, job or immigration through 3U1M Stream 'Superior Go Global'

## DISTINCTIVE FEATURES

- State-of-the-art labs equipped with the latest software and hardware resources.
- Distinguished faculty with international experience.
- Industry collaborations for practical exposure and internships.
- Comprehensive research opportunities backed by a strong research culture.

To apply online, please visit  
[admissions.superior.edu.pk](https://admissions.superior.edu.pk)  
**042-111-00-00-78**



### University Campus, Lahore

17-KM, Main Raiwind Road, Lahore.  
Ph: 042-38103777

### Sargodha Campus

10-KM, Lahore Road, Sargodha.  
Ph: 048-211-00-00

### Faisalabad Campus

13-KM Satiana Road, Near Khanuana  
Bypass, Faisalabad. Ph: 041-8792007-8

### Rahim Yar Khan

East Bank Sadiq Canal Road, Darri Sanghi,  
Rahim Yar Khan. Ph: 068-5958009