# SEED

Student Early Employment & Development



## What is SEED?

The Student Early Employment and Development (SEED) is a sponsorship program that offers companies the opportunity to sponsor selected distinguished students with the intention of employing them upon their graduation. SEED is designed for students who are already enrolled in the CX and MX programs of KFUPM. Both programs offer specialized areas of study that are of interest to the sponsor's business activities. The CX and MX programs prepare outstanding students to become future assets for their sponsors when they join their workforce. SEED will create a win-win-win situation for students, sponsors, and KFUPM.

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In today's industry landscape, the need to early identify and recruit talent is more than ever. At KFUPM you will find the best Gen Z, entrepreneurial, and tech-savvy digital natives. Engage with them via our SEED program. "

### **KFUPM Sponsors Club:**

SEED sponsors will be granted a membership in the Sponsors Club to enjoy the following benefits:



Access to students' data to identify candidates for early employment.



Possibility of reduced overhead costs on funded research projects.



Participating companies to benefit from media coverage (news, social media etc.)



Propose final year Senior Design Project topics to sponsored students.



្នាន់ Increase in the sponsor's Local Content (LC)\* score.

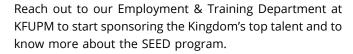


Access to campus for SEED sponsor's representative based on request.

Local Content is a national agenda for development by "Local Content & Government Procurement Authority (LCGPA)" that contributes to the national economy through the participation of all economic segments











KFUPM has introduced a set of new undergraduate concentrations (CX) that meet the IR4.0 requirements, job market trends in exciting disciplines, and align with the Kingdom's Vision 2030. Each CX module comprises 4 courses (12 credits) in a specialized topic. A student would apply for a CX program at the end of his Junior year (3th year) to pursue the course of graduation). KELIPM currently offers more than 25 CX

the program during his Senior year (last year of graduation). KFUPM currently offers more than 35 CX programs.

### ■ List of CX programs:

- 1. Artificial Intelligence and Machine Learning
- Bioelectronics and Sensors
- 3. Building and Construction Safety
- 4. Business Analytics
- 5. Climate Change Adaptation
- 6. Communication Systems
- 7. Computational Analytics
- 8. Computational Materials and Modeling
- 9. Computer Networks
- 10. Cybersecurity and Blockchain
- 11. Data Science and Analytics
- 12. Decision Analytics
- 13. Drone Design and Application
- 14. Electronic Defense Systems
- 15. Energy Efficiency
- 16. Enhanced Oil Recovery
- 17. Human Resources Management
- 18. Hydrogen Mobility
- 19. Intelligent Energy Systems Management

- 20. Internet of Things (IoT)
- 21. Islamic Finance
- 22. Laser & Microwave Sensing
- 23. Materials Engineering
- 24. Non-Metallic Materials
- 25. Nuclear Power Engineering
- 26. Polymer Science & Technology
- 27. Process Safety
- 28. Quantum Information & Computing
- 29. Refining and Petrochemicals
- 30. Renewable Energy and Energy Storage
- 31. Robotics and Autonomous Systems
- 32. Smart and Sustainable Buildings
- 33. Supply Chain Management
- 34. Thermal Systems
- 35. Traffic Engineering
- 36. Unconventional Hydrocarbon Resources
- 37. Waste Management

For more details, please visit: <a href="https://cx.kfupm.edu.sa/">https://cx.kfupm.edu.sa/</a>

Sponsorship tuition fees per student: 75,000 SAR









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KFUPM has introduced new Masters degree programs (MX) in exciting disciplines aligned with global trends, the job market, and the Kingdom's Vision 2030. More than 30 MX programs are currently offered with one or two years options through evening classes suitable for professionals of both genders.

### ■ List of MX programs:

- 1. Artificial Intelligence
- 2. Bioengineering
- 3. Business Administration (MBA)
- 4. Business Analytics
- 5. Computational Analytics
- 6. Computational Material and Modeling
- 7. Computer Networks
- 8. Cybersecurity
- 9. Data Science & Analytics
- 10. Facilities Management
- 11. Flow Assurance
- 12. High Performance and Cloud Computing
- 13. Human Resource Management
- 14. Industrial Catalysis
- 15. Intelligent Hydrocarbon Field
- 16. Intelligent Process Control
- 17. Intelligent Traffic Engineering

- 18. Internet of Things and Embedded Systems
- 19. Maintenance and Reliability
- 20. Material Science and Engineering
- 21. Petrochemical Engineering
- 22. Polymer Science and Engineering
- 23. Project Management
- 24. Quantitative Finance
- 25. Quantum Computing
- 26. Reservoir Characterization
- 27. Robotics and Autonomous Intelligent Systems
- 28. Smart and Sustainable Cities
- 29. Supply Chain Management
- 30. Sustainable and Renewable Energy
- 31. Unconventional Hydrocarbon Resources
- 32. Visual Computing
- 33. Water Treatment and Desalination
- 34. Wireless Communication Networks

For more details, please visit: <a href="https://mx.kfupm.edu.sa/">https://mx.kfupm.edu.sa/</a>

Sponsorship tuition fees per student: 150,000 SAR



