



KFUPM Undergraduate Concentrations

Aligned with IR 4.0 and future job trends

Graduate with a bachelor degree in addition to a specialization

- | | |
|--|--|
| 01. Artificial Intelligence and Machine Learning | 20. Internet of Things (IoT) |
| 02. Bioelectronics and Sensors | 21. Islamic Finance |
| 03. Building and Construction Safety NEW | 22. Laser & Microwave Sensing |
| 04. Business Analytics | 23. Materials Engineering |
| 05. Climate Change Adaptation | 24. Non-Metallic Materials |
| 06. Communication Systems | 25. Nuclear Power Engineering NEW |
| 07. Computational Analytics | 26. Polymer Science & Technology |
| 08. Computational Materials and Modeling | 27. Process Safety |
| 09. Computer Networks | 28. Quantum Information & Computing |
| 10. Cybersecurity and Blockchain | 29. Refining and Petrochemicals |
| 11. Data Science and Analytics | 30. Renewable Energy and Energy Storage |
| 12. Decision Analytics | 31. Robotics and Autonomous Systems |
| 13. Drone Design and Application | 32. Smart and Sustainable Buildings NEW |
| 14. Electronic Defense Systems | 33. Supply Chain Management |
| 15. Energy Efficiency | 34. Thermal Systems |
| 16. Enhanced Oil Recovery | 35. Traffic Engineering |
| 17. Human Resources Management NEW | 36. Unconventional Hydrocarbon Resources |
| 18. Hydrogen Mobility | 37. Waste Management |
| 19. Intelligent Energy Systems Management | 38. Cloud Computing NEW |

For more information, visit: cx.kfupm.edu.sa