



Master of Science (Project-Based)

Information for Students

June 2025

The University has been working over the years to significantly enhance its academic offering, in a way that makes its academic programs more commensurate with the digital future and the demands of future job market. Part of this enhancement is offering new Master of Science (Project -Based) programs through which students can earn a Master of Science degree in a specific topic in one year, one year and a half, or two years. These graduate degrees include such exciting topics as artificial intelligence and machine learning; cybersecurity and blockchain; robotics and autonomous systems; and so on. A full catalogue is available.

The University encourages its graduating students to participate in this program immediately after their graduation, as it will give them a clear edge in the workplace, especially as these graduate degrees are generally aligned with the undergraduate concentrations (but the concentrations are not required for them). These Master of Science programs are also available to students who have worked in the industry and desire to specialize in any of the fields offered, and to students who obtained a Bachelor's degree from a university other than KFUPM.

It is expected that earning these degrees will not only prepare the students for the emerging requirements of the new job market and make them quite distinguishable but also, as a result, significantly enhance their employment prospects and competitiveness, though several other factors affect employability (for example, academic performance). KFUPM graduates, who are already sought after in the job market, will likely attain a substantially stronger degree of attractiveness. Others will also join to advance their careers through KFUPM's distinguished academic rigor.

This is a full-time program and condensed, which generally will run during the week with students in full attendance, but with evening classes. However, depending on the specific programs, some are offered over two years with a more relaxed schedule, and some in the HIVE environment, with split virtual and in-residence attendance. The program is designed for students who have completed their bachelor's degrees but have not yet transitioned into full employment, or for



those who have started their employment but desire to advance their career through further specialization in the offered fields. It is not considered a part-time program.

Each degree consists of 30 credit hours, including one project of six credit hours. It requires no thesis. Students enrolling in these programs are expected to join or re-join the job market after graduation, or to be currently employed. These programs are particularly **industry-focused**, also providing a pathway to an eventual Ph.D. degree.

Annual offerings of these programs will depend on demand. This is not going to be an issue for popular disciplines (for example, artificial intelligence, cybersecurity, and so on). However, less popular programs may not be offered in some years if there is little demand for them.

The process for enrolling in these programs is broadly as follows. Students register for their desired program and pay a small non-refundable processing fee (SR 115). Seats are limited and satisfying the minimum entry requirements does not guarantee acceptance. Admission is competitive, and only the top applicants will be admitted, based on a variety of factors, including GPA, English fluency, Bachelor's degree, quality of the application, work diversity, whether the student is sponsored by his or her company, and so on. Departments will assess demand for each program and can withhold those with very little demand. Students who selected those withdrawn programs can switch to another program on offer or cancel their registration and have their processing fee refunded.

- ✦ The minimum University requirements to apply to the program are as follows:
- ✦ A recognized Bachelor's degree
- ✦ GPA of 2.5+ out of 4.0 or equivalent
- ✦ IELTS score of 6+ or TOEFL of 70+. Waived for KFUPM graduates and Graduates from English Speaking Countries (USA, Canada, UK, Australia, New Zealand))
- ✦ Two recommendation letters
- ✦ Non-refundable processing fee of SAR 100 + VAT
- ✦ Statement-of-Purpose (a one-page essay focusing on career and research goals)



In addition, each specific program (discipline) has its admission requirements (listed in the program description). Some require a degree in specific disciplines. Satisfying all of these requirements only allows the student to apply. Actual admission is competitive, and only the top applicants will be admitted. Not all those who apply will be admitted.

Tuition fee structure for cohort of 2025 – 2026 (Students who will enroll in term 251)

Sponsorship	Total Tuition Fee
All programs (Except MSc in Nonprofit Management)	SAR 150,000 *inclusive of VAT
Self-Sponsor	Total Tuition Fee
MSc in Project Management, MSc in Supply Chain Management, MSc in Business Analytics, MSc in Human Resource Management, MSc in Sustainability and Environmental Management, MSc in Sustainable and Renewable Energy, MSc in Facilities Management, MSc in Artificial Intelligence, MSc in Cybersecurity, MSc in Engineering Management, MSc in Construction Engineering Management, MSc in Process Safety Engineering	SAR 70,000 *inclusive of VAT
MSc in Advanced Materials for Sustainable Concrete Structures, MSc in Bioengineering, MSc in Data Science & Analytics, MSc in Environmental Science and Engineering, MSc in Flow Assurance, MSc in High Performance and Cloud Computing, MSc in Industrial Catalysis, MSc in Intelligent Hydrocarbon Fields, MSc in Intelligent Process Control, MSc in Intelligent Transportation Engineering, MSc in Internet of Things and Embedded Systems, MSc in Maintenance and Reliability, MSc in Material Science and Engineering, MSc in Modeling and Simulation, MSc in Nuclear Engineering, MSc in Petrochemical Engineering, MSc in Polymer Science and Engineering, MSc in Quantitative Finance, MSc in Quantum Computing, MSc in Robotics and Autonomous Intelligent Systems, MSc in Smart and Sustainable Cities, MSc in Unmanned Aircraft Systems , MSc in Unconventional Hydrocarbon Resources, MSc in Visual Computing, MSc in Water Treatment & Desalination, MSc in Wireless Communication Network, Computer Networks, MSc in High-Performance Building Engineering, MSc in Intelligent Geosystems	SAR 50,000 *inclusive of VAT
Master of Business Administration (MBA)	SAR 80,000 *inclusive of VAT
Master in Nonprofit Management	SAR 250,000 *This fee does not include VAT
Master of Engineering in Sustainable and Renewable Energy	SAR 90,000 *This fee does not include VAT



Master of Science (Project-Based) Tuition Discounts

At KFUPM, we believe in supporting your educational journey. Our Master of Science Programs come with a range of discounts designed to make quality education more accessible to our students, our alumns, to Saudi and International students looking to excel in their careers.

KFUPM Continuing Excellence Discount:

We offer a tuition discount of 60% to students who have recently graduated from a KFUPM Bachelor program and wish to continue at KFUPM to pursue a Graduate degree. For the upcoming admission cycle, students who graduate in terms 241, 242, and 243 are eligible. This is our way of supporting our students to gain a competitive edge and graduate in specialized fields relevant to job market needs.

KFUPM Lifelong Learner Discount:

A 30% tuition discount is available for KFUPM alumni pursuing a graduate degree at KFUPM, reinforcing our commitment to continuous learning. The initiative supports alumni in their ongoing educational pursuits, facilitating a return to KFUPM for advanced academic achievement in alignment with professional goals and job market demands.

Vision 2030 Citizen Discount:

A 25% tuition discount is provided for Saudi citizens enrolled in a graduate degree program at KFUPM. This discount aims to empower Saudi citizens with the essential skills and knowledge for emerging sectors, equipping them to be at the forefront of change and contribute significantly to the Saudi Vision 2030.

Vision 2030 Destination for Learning Discount:

A 20% tuition discount is offered to international students applying from outside of Saudi Arabia to a KFUPM graduate degree program. This initiative supports Saudi Vision 2030 to make Saudi Arabia an international destination for tourism and academic excellence. At KFUPM we foster a dynamic academic environment enriched by cultural diversity and unrestricted learning opportunities.

Early Bird Discount:

A 20% tuition discount is granted to proactive students registering in the early registration cycle (From January 6 to February 11, 2025) for a graduate degree program. This discount rewards the initiative and foresight of students committed to advancing their education and securing a competitive advantage for their future endeavors.

Note: More than one discount can be applied per the applicant's eligibility to each category.



Frequently Asked Questions

1. Why is the University offering these Master of Science degrees?

This is to help the Kingdom achieve its objective of transforming its economy and becoming not only a participant, but a competitor in the new global digital economy. Graduating a cadre of specialists who have the required knowledge and training is a pillar of this transformation. Of course, this will also help the graduates in the job market; see the next question.

2. Will it help students?

Yes. It is expected that earning these Master's degrees will not only prepare students for the emerging requirements of the new job market and make them quite distinguishable, but also, as a result, significantly enhance their employment prospects and competitiveness. Note, however, several other factors affect employability (for example, academic performance). KFUPM graduates, who are already sought after, will likely attain a substantially stronger degree of attractiveness in the job market, and others will also advance their careers through KFUPM's distinguished academic rigor.

3. For whom is this program designed?

In general, there will be two categories of students: 1) KFUPM graduates who have just graduated with a Bachelor's degree (some of whom may not yet have gained employment) and who graduated in earlier years (employed or self-employed) 2) graduates of other universities. As far as employment is concerned, although classes will be offered during the evening to accommodate all interested students, we encourage participants in the program to dedicate sufficient time to the program, since it is condensed (one year or two years). For one-year programs, it is best for those employed to take a one-year break from work and focus on the program. Again, the one-year programs are quite condensed and require fulltime dedication, especially that KFUPM is a tough school; you have been warned! Many employers send their students for graduate degrees abroad, and would in the same vein welcome sending them to KFUPM full-time.



4. Why should I consider taking this Master's program?

you will have a better chance of employment and 2) your job placement will most likely be at a higher pay grade. In other words, thinking about it mathematically, this one-year or two-year delay in your employment will result in a higher monthly salary than you would otherwise get with a lower entry position and a one-year or two-year pay raise. For those who have joined an employer, some employers will sponsor them for this full-time, one-year, or two-year program, or allow them to take one year off the job to complete this program, simply because the program addresses new areas of demand that the industry and the Kingdom's economy needs, and it is a win-win for both employer and employee, or you can take it whilst on the job if you can handle the load. For everyone, the program is a boon to their career.

5. What are the topics?

These degrees include exciting topics such as artificial intelligence and machine learning; cybersecurity and blockchain; robotics and autonomous systems; big data science; modeling and simulation; and so on. A full catalogue is available.

6. What type of degree is this?

This is a Master of Science (Project-Based) degree. Unlike traditional research-heavy Master's programs, this curriculum is specifically designed to meet the needs of industry professionals, equipping graduates with advanced skills and knowledge directly applicable to industry challenges and roles. These programs are particularly **industry-focused**, also providing a pathway to an eventual Ph.D. degree.

7. Will it be open to those working in the industry?

Yes; please see the previous question. Note, however, that the one-year programs are fulltime, not part-time, so those working in the industry must keep this in mind and avail themselves accordingly.



8. Will it be open to graduates from other universities?

Yes, those who obtained a good GPA from renowned universities and with high English fluency have a good opportunity to be accepted. Please note, however, that weight is given to students continuing with it after completing their Bachelor's degree at KFUPM and returning KFUPM graduates.

9. Is the program open to expat students?

Yes, the program is open to both Saudi and expat students.

10. Is the program open to female students?

Yes, the program is open to both male and female students.

11. Are these degrees recognized by the Ministry of Education?

These degrees are recognized by the Ministry of Education and are classified as Level-7 Master's degrees in the Saudi Arabian Qualification Framework. Moreover, all programs offered by the KFUPM Business School have been accredited by the AACSB.

12. I work in a company. Why should I apply as sponsored instead of as non-sponsored?

Some weight in the admission score is given to sponsored students since sponsorship indicates commitment from the company for this enrollment and integration of this program in the holistic development plan of its employee (which, in turn, is expected to increase the return on this education).



13. Are the classes going to be online?

For certain programs, HIVE (Hybrid Immersive Virtual Education) classes are available. For all other programs, the classes are in person. However, during the coronavirus situation, the classes will follow the University's mode of teaching, so they will be online if the University decides to hold normal classes online until the pandemic abates.

14. What is the HIVE option?

The Hybrid Immersive Visual Education (HIVE) is a modern teaching format available for some of the Master of Science programs. Students registered in these programs have the option to attend weekday classes either online or in person. In order to ensure an interactive education experience, all enrolled students are required to attend in-person classes on campus in Dhahran on the following weekends: 4th, 8th, 12th and 16th weeks of the semester. Important points to note include the following. All exams will be conducted in person during the aforementioned weekends in Dhahran, in addition to other classes conducted in those weekends; no online exams will take place. In addition, students who elect to attend online must have their web camera switched on at all times during the class.

15. For the HIVE programs, when do I select whether to attend in person or online? Can I change later?

You have to declare the attendance mode at the beginning of the program and adhere to it. In general, switching the mode of attendance is not allowed except perhaps in exceptional personal circumstances, and not for individual classes. In other words, you cannot say "I am sick today and will not be coming to class but will take the class from home", if you have elected to take the program online. In these cases, normal University rules on attendance apply.



16. Why should I take the in-person attendance option if online attendance is allowed?

Despite our best efforts, we believe that in-person education is still superior to virtual classes. The online option is suitable for those who live far from the University to the extent that in person attendance is infeasible. If you live close to the University, even in places such as Jubail, we strongly encourage you to select the in-person attendance option.

17. Will the HIVE programs have two different certificates, for in-person and online attendance?

These programs will have one unified certificate.

18. How are the genders going to be accommodated in the classrooms?

Depending on the class size, some sections will be one gender only and some male and female with a barrier in the middle. Both genders share the same building. The University cannot guarantee that any section will be female-only; it depends on enrollment.

19. What is the duration of the program? How many credit hours? Courses?

The duration of the program is one year, one and a half year, or two years, with 9 courses in total; one of them is a project (no thesis) of 6 credit hours, and the rest are 3-credit courses. Students are expected to take:

4 normal courses in the first semester, 3 normal courses and the first part of the project in the second semester, and 1 normal course and the second part of the project in the summer semester. Students are not allowed to deviate from this plan. The one-and-a-half-year program, students will take 3 normal courses in the first semester, 3 normal courses and the first part of the project in the second semester, and 2 normal courses and the second part of the project in the first semester of the second year. Two-year programs are similar, but the semester load is split over two years and is therefore half the normal load.



20. Can I drop courses, or take them later?

No, the program is run in a cohort system. Students are not allowed to drop courses or reschedule their timing. Courses are offered in specific semesters according to the plan, and all those enrolled in the program must take them in that time and order. No light load is allowed. This is a full-time program.

21. Can I enroll in this program on a part-time basis?

The one-year programs are full-time programs intended to be completed in one year and will run with students in full attendance, but with evening classes. The two-year (including the HIVE) programs will accommodate part-time students to a greater extent since the load is lighter. However, both types of programs are cohort programs and do not allow rescheduling of courses (see above question). Those in the industry wishing to take it must keep this in mind. The total duration of the one-year programs is short (one year), so someone working in the industry is encouraged to obtain sponsorship from his or her employers or take one year off. It may be difficult to have a full-time job and enroll in a fulltime condensed program at the same time.

22. Will the classes be in the evening so I can still work normally at my job?

Yes, the classes will be scheduled in the evening, after working hours. However, the one-year programs are condensed (four courses per semester), so those on the job must keep this in mind. As mentioned, it may be difficult to have a full-time job and enroll in a full-time condensed program at the same time.

23. How much will it cost?

The University does not see this as a money-making exercise, but as a helping-students, helping-country exercise. This is taken into account for the tuition fee of this program. The tuition fee of the program is described above or you can use the tuition fee calculator found under the desired program on the MS website. <https://ms.kfupm.edu.sa/>



24. What are the payment options available for the program?

A deposit of SAR 3,000 must be paid within 2 weeks from receiving the approval letter to secure your place (the non-refundable deposit is a part of the total tuition fee), and the remaining amount will be divided based on the program duration:

1-year program: 50% to be paid at the beginning of the first semester and 50% at the beginning of the 2nd semester.

2-year program: 25% to be paid at the beginning of the first semester. 25% of to be paid before the beginning of second, third, and fourth semester.

25. What is the procedure if I earn a sponsorship from KFUPM leading industrial partners?

Student is required to complete all the courses, including the project, with a minimum C grade or above at the first attempt and maintaining a CGPA of 2.75 or above throughout the program. Failure to meet the above requirements or withdraw from the program, the students will be responsible to pay the tuition fee. Student will receive a refund of the paid amount after completing the program requirements successfully within the same cohort.

26. Will I be paid a stipend?

No.

27. Will I be given University housing?

Limited University housing will be offered on a per-availability basis but using according to normal market pricing. Students are encouraged to secure their own housing.

28. Can I progress to a Ph.D. after earning the Master of Science (Project-Based) degree?

These programs are particularly **industry-focused**, also providing a pathway to an eventual Ph.D. degree.



29. What is the process of enrollment?

The process for enrolling in these programs is outlined in the main text above.

30. How do I pay the processing fee?

After selecting your program and completing the application form, you'll proceed to pay the **SAR 115 application fee** using a credit or Mada card. Once payment is successful and the application is complete, you can submit it.

31. Is the application processing fee refundable?

No, it is not refundable, even if you are not accepted. It is refunded only if the program is cancelled by the University due to low demand or other reasons.

32. If I do not pay the deposit amount of the tuition fee within the deadline, can I pay it later?

No. In this case, your admission is permanently cancelled and your slot is given to another student on the waiting list. In this case, there is no way to secure a seat in the program this year.

33. Why should I pay the deposit amount of the fee so early?

This is a very expensive program for the University. It involves a lot of courses and faculty, and the resources required from the University to run it are considerable. The University wants to ensure that those enrolling in the program will actually attend it, and that the resources dedicated to it do not go to waste. The University also wants to offer the degrees that are in demand, again to conserve resources (imagine running a suite of 10 courses with very few students). The payment is intended to dissuade those not serious about enrollment.

34. Is the deposit amount of the fee refundable? Is it waivable?

No. It is neither refundable nor waivable. Those withdrawing from the program at any phase, either before or after the commencement of classes, will not receive that amount back.



35. Will all those who apply be accepted?

No, the enrollment process will be competitive, and priority will be given according to certain criteria that take into account, among other things, prior academic performance and industry diversity.

36. If I withdraw from the program, will I be refunded the application processing fee or tuition fee?

No.

37. What is the procedure to withdraw from the program?

As mentioned earlier, dropping a course or courses is not allowed. Due to serious personal circumstances, if you are not able to continue the MSc program, you will have to withdraw completely from the program. It is the student's responsibility to start the withdrawal process. Thus, student is required to submit the clearance, which can be accessed through the student portal under student services. If you request to withdraw after the last day for withdrawal, a grade of 'DN' will be assigned in all registered courses. (Check the university Academic calendar).

38. Can I change my major after submitting the application or after approval of the application or after starting the studies?

No. You need to plan carefully and choose the degree discipline in which you are absolutely interested.

39. I have already studied some of the courses previously and would like to transfer their credit to my current MSc program. What is the procedure?

Even if you have studied similar courses, you are supposed to take them at KFUPM, as this is a cohort program. Credit transfer is not possible.



40. Will the student repeat the similar courses during the undergraduate level at KFUPM that are similar to graduate level?

If you have taken any course during your undergraduate studies that is equivalent to any MSc course in your degree plan, the department will replace it with a substitute course as per the mutual exclusion between the courses.

41. What are the graduation requirements for MSc programs?

Students are supposed to complete all the courses, including the project, with a minimum C grade or above by maintaining a CGPA of 2.75 or above throughout the program and at the first attempt. There is no policy for allowing you to repeat any single course at any circumstances.