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Bachelor of Science in Actuarial and Financial Mathematics

In response to the new job market demand of highly qualified graduates in the financial and actuarial field, and to keep up with the strategic directions of international universities in this field, the Department of Mathematics established a new multidisciplinary bachelor program in Actuarial and Financial Mathematics. This program was started for male and female students in 1435 H (2014 G).

Program Mission

Providing students with theoretical and practical knowledge and skills of actuarial and financial mathematics through a high-quality academic program that produces competitive graduates capable of critical thinking, analyzing risks and solving problems of the society.

Program Objectives

1. To provide a high-quality academic program that is capable to meet the developmental needs of the labor market and international professional agencies.
2. To strength scientific research in Actuarial and Financial Mathematics.
3. To strength partnerships and provide community services.
4. To develop an active administrative and organizational environment.
5. To provide an adequate infrastructure for learning and training.

Degree Requirement

Student must successfully complete a minimum of 144 credit hours. The expected duration of the program is 9 semesters.

Admission Requirements

Students are admitted to this Program based on the following:

- (a) A GPA score higher than 4.0
- (b) The grade B+ at least in MATH 101
- (c) Competition based on the following criteria:

$$2 \times \text{Score of the aptitude test required by KSU} + \\ \text{GPA} \times 4 + 2 \times (\text{score in Math 101})$$

Capacity of admission: Max 30 Male + 30 Female

Jobs Opportunities

- **SAMA (Saudi Arabian Monetary Authority):**
General Department of Insurance Control, Economic Research Department and Banking control Department.
- **Companies:**
Insurance companies, banks, ARAMCO, SABIC, international insurance companies for students professionally certified by international societies of actuarial.
- **Others:**
Ministry of Finance, Ministry of Economy and Planning, Ministry of Commerce and investment, Public Pension agency, General Organization for Social Insurance.