

Zarqa University

**Faculty of Information Technology
Data Science and Artificial Intelligence**



جامعة الزرقاء

**كلية تكنولوجيا المعلومات
قسم علم البيانات والذكاء الاصطناعي**

Course Description

Course no	Course name	Prerequisite
1505303	Fuzzy Logic	1501220

This introduces the basic concepts of fuzzy logic such as: structure of algebra of fuzzy sets, alpha cuts and decomposition principle, fuzzy quantities, fuzzy numbers and intervals, fuzzy relations, fuzzy matrices and operations with them, elements of fuzzy logic, t-norms and t-conforms, fuzzy negations, fuzzy implications.