

Course Code	Course Title	Credit Hours	Prerequisites
<b>Category-1:</b> One 200-level algorithm and problem-solving course			
ITE 202	IT Systems	3	Any core IT course
<b>Category-2:</b> One 300-level Web development course			
ITS 340	Rapid Online Presence	3	ITS 301 or ITE 202
ITE 304	Fundamentals of Web Systems	3	ITE 202
<b>Category-3:</b> One 300-level networks course			
ITS 322	Introduction to Systems Administration	3	ITS 301 or ITE 202
ITE 301	Data Communications and Networks	3	ITE 202
<b>Category-4:</b> Two other (300 or 400-level) IT courses to complete a total of FIVE IT courses. Courses that are not listed above have to have the Department's approval prior to being taken and accepted towards fulfilling the requirements of the IT minor.			

**IT elective courses are any courses offered by the Department of IT/SE that are 300-level and above and are not listed as required courses for IT.**

## Bachelor of Science in Software Engineering

The Bachelor of Science in Software Engineering prepares a generation of students who can develop and solve industrial, governmental, educational, and organizational problems with contemporary programming and designing tools. The AUIS Software Engineering program focuses on engraving engineering principles onto prospective software engineers that can contribute to the public, local and regional sectors in the best possible engineering methods and practices. Not only students are expected to create an impact with the obtained knowledge in the program, but also they discover new findings in their technological, practical and professional endeavor.

Kurdistan Regional Government Ministry of Higher Education and Scientific Research requirements for admission into the Software Engineering program at AUIS are:

Branch	Required Score
High School- Scientific Branch	75%
Vocational High School- IT or Computer Repair Branch	83%
The "5 Years institutes" -Networking or Web Design or Programming Branch	88%
The "2 years institutes" - IT or Communications or Computer Branch	73%

SE major requirements are: 48 credits **SE major required courses**, and 12 credits **SE elective courses**. Students can take 15 credits as a minor, concentration, or general elective courses.