

<b>Department:</b>	Faculty of Information Technology
<b>Course Name</b>	Analysis and Design of Algorithms
<b>Hours per week</b>	3
<b>Number of Credits</b>	3
<b>Course Description</b>	To design algorithms and give its complexity analysis is the core of computer science. The contents of this course mainly include: dynamic programming, greedy methods, divide and conquer, searching techniques, parallel algorithm, searching and sorting, and NP theory.