

Name: Business Operation Research					
Module/course code: IAB69012	Student workload: 510 Minutes/Week	Credits (ECTS): 4.53 ECTS	Semester 2	Frequency Even Semester	Duration 1x / Semester
Types of courses: Tutorial/Lecture/ Response		Contact hours: 150 minutes/week	Independent study 360 minutes/week	Class size X students: 30 Students	
1	Prerequisites for participation -				
2	Learning outcomes 1. Able to explain the benefits, basic concepts, and techniques for making business decisions. 2. Able to understand all aspects of business operations research. 3. Able to understand factors, approaches, stages in forecasting, and apply them to tasks.				
3	Description: This course provides students with skills in various mathematical and statistical models that can be used to assist in making quantitative-based decisions. This course provides provisions for students to be able to make decisions in business organizations.				
4	Teaching methods: Lectures, Discussions, and Group Works				
5	Assessment methods: Task, Mid-Term Exam, Final-Term Exam, and Quiz				
6	Other information e.g. bibliographical references: Mandatory 1. Iswanto. 2007. Operations Research Jilid 1. Erlangga 2. Siswanto. 2007. Operations Research Jilid 2. Erlangga 3. Dimiyati, Tjutju Tarlih dan Ahmad Dimiyati. 2011. Operations Research. Sinar Baru Algensindo 4. Swastha, Basu. 1988. Metode Kuantitatif Untuk Manajemen. Liberty  Complementary 1. Siagian, P. 1987. Operational Research: Theory and Practice. University of Indonesia 2. Levin, Richard I., David S. Rubin, Joel P. Stinson and Everette S. Gardner Jr. 2000. Quantitative Decision Making. Raja Grafindo				