

## UUM Practicum Syllabus

### Bachelor's Degree of Business Mathematics (Honors)

Learning Outcomes	<ol style="list-style-type: none"><li>a. Able to identify and analyze problem and provide solution</li><li>b. Able to use the right mathematics techniques and methods for each problem solving strategy</li><li>c. Able to develop model and suggest planned solutions</li><li>d. Able to develop interpersonal and communication skills</li></ol>
Scope of Training	<ol style="list-style-type: none"><li><b>1. For Manufacturing Industry</b><ol style="list-style-type: none"><li>a. Among the aspects that can be exposed to students are:<ul style="list-style-type: none"><li>▪ Scheduling of manpower</li><li>▪ Scheduling of production</li><li>▪ Quality improvement and control</li><li>▪ Business development</li><li>▪ Modelling and system analysis</li><li>▪ Business development process</li><li>▪ Production analysis and problem solving</li><li>▪ Market research</li></ul></li><li>b. Among the activities that can be scheduled for students are:<ul style="list-style-type: none"><li>▪ Working in a team environment</li><li>▪ Group discussion</li><li>▪ Presentation</li><li>▪ Developing model by using planned problem solving method</li><li>▪ Communication skills</li></ul></li></ol></li><li><b>2. For Logistics and Supply Chain Industry</b><ol style="list-style-type: none"><li>a. Among the aspects that can be exposed to students are:<ul style="list-style-type: none"><li>▪ Scheduling of transportation</li><li>▪ Inventory planning</li><li>▪ Business management process</li><li>▪ Business development</li><li>▪ Production analysis and problem solving</li><li>▪ Market research</li><li>▪ Quality control</li><li>▪ Modelling and system analysis</li></ul></li></ol></li></ol>

	<p>b. Among the activities that can be scheduled for students are:</p> <ul style="list-style-type: none"> <li>▪ Working in a team environment</li> <li>▪ Group discussion</li> <li>▪ Presentation</li> <li>▪ Developing model by using planned problem solving method</li> <li>▪ Communication skills</li> </ul> <p><b>3. For Public Sector/Insurance/Financial Sector</b></p> <p>a. Among the aspects that can be exposed to students are:</p> <ul style="list-style-type: none"> <li>▪ Modelling and measuring</li> <li>▪ Data management</li> <li>▪ Market research</li> <li>▪ Human resource management</li> <li>▪ Business performance analysis</li> <li>▪ Project management</li> <li>▪ Customer satisfaction analysis</li> </ul> <p>b. Among the activities that can be scheduled for students are:</p> <ul style="list-style-type: none"> <li>▪ Working in a team environment</li> <li>▪ Group discussion</li> <li>▪ Presentation</li> <li>▪ Developing model by using planned problem solving method</li> <li>▪ Communication skills</li> </ul>
<p>Evaluation Components</p>	<p>a. <b>Organization Supervisor Confidential Report</b>     <b>40%</b></p> <p>b. UUM Supervisor Evaluation     <b>60%</b></p> <p>c. Final Practicum Report</p>