

1.	Name of Course/Module	Industrial Training
2.	Course Code	HIT3019
3.	Status of Subject	B. Sc Bioinformatics
4.	MQF Level/Stage	Bachelor Degree – MQF Level 6
5.	Version (state the date of the last Senate approval)	June 2012
6.	Requirement for Registration	Completion of 60 Credit Hours (Excluding Arts and Humanities)
7.	Name(s) of academic/teaching staff	Leila Hilout
8.	Semester and Year offered	Trimester 3 (Gamma level)
9.	Objective of the course/module in the programme :	
	<ol style="list-style-type: none"> 1. To expose students to the 'real' working environment and get acquainted with the organization structure, business operations and administrative functions. 2. To have hands-on experience in their related field so that they can relate and reinforce what has been taught at the university. 3. To foster cooperation and to develop synergetic collaboration between industry and the university in promoting a knowledgeable society. 	
10.	Learning Outcomes :	
	<p>At the completion of the subject, students should be able to:</p> <p>LO1: Gain exposure and understand the actual working environment in the industry and businesses operations (Psychomotor, Level 6)</p> <p>LO2: Develop awareness of the importance and the capability of adapting to the working environment and culture. (Affective, Level 3)</p> <p>LO3: Possess enhanced communication and team-working skills. (Affective, Level 5)</p> <p>LO4: Relate and apply the knowledge learned in the university to the industrial and business activities (Cognitive, Level 3)</p>	
11.	Synopsis:	
	Students will undergo a practical training lasting for a minimum of 12 weeks at an approved private organization or government or semi-government research center or hospital or agencies.	
	Pelajar akan menjalani latihan industri untuk jangka masa minimum selama 12 minggu di organisasi swasta, pusat penyelidikan atau hospital kerajaan atau semi kerajaan atau agensi yang disahkan	
12.	Mapping of Subject to Programme Outcomes :	
	Programme Outcomes	% of Contribution
	PO1: Apply soft skills in work and career related activities	25
	PO4: Recognise and pursue continued life-long learning throughout their career	6.25
	PO5: Blend innovative mind and entrepreneurial skills	18.75
	PO6: Relate moral and ethical values to the practice of a professional	25

	PO7: Demonstrate knowledge and understanding of essential facts, concepts, principles, and theories relating to bioinformatics	6.25
	PO8: Apply principles and knowledge of bioinformatics in relevant areas	12.50
	PO9: Demonstrate the ability in analysing, modelling, designing, developing and evaluating computing solutions	6.25
13.	Assessment Methods and Types :	
	Method and Type	Description/Details
	Final Report	40%
	Presentation	30%
	External Supervisor Assessment	30%
14.	Details of Subject	
	<p>Students will undergo a practical training lasting for a minimum of 12 weeks at an approved private, government or semi-government Medical/Clinical Diagnostic Laboratory or agencies. The faculty will release the list of participating organization. Placement at the respective agency will be initiated by applications by the students. Approval of the application is at the discretion of the faculty.</p> <p>During the training period, students will be expected to observe and perform routine tests as agreed by the host institution and the faculty.</p> <p>Students are to work in their respective assigned organization according to the working hours and rules and regulations of the organization. The duration of the attachment is between 14 to 16 weeks.</p>	
15.	Teaching and Learning Activities	
	Students will undergo a practical training lasting for a minimum of 44 12 weeks at an approved private, government or semi-government Medical/Clinical Diagnostic Laboratory or agencies.	
16.	Total Student Learning Time (SLT)	Face to Face (Hour)
	Lecture	-
	Tutorials	-
	Laboratory/Practical	-
	Presentation	1
	Report writing	3
	Mid Term Test	-
	Final Exam	-
	Quizzes	-
	Sub Total	4
	Total SLT	240/40 => 6
17.	Credit Value	6
18.	Reading Materials:	
	Not Applicable	
19.	Appendix (to be compiled when submitting the complete syllabus for the programme) :	
	<ol style="list-style-type: none"> 1. Mission and Vision of the University and Faculty 2. Mapping of Programme Objectives to Vision and Mission of Faculty and University 3. Mapping of Programme Outcome to Programme Objectives 4. Programme Objective and Outcomes (Measurement and Descriptions) 	