UNIVERSITI MALAYA	**PRO FORMA KURSUS** ***COURSE PRO FORMA***

PENTING / *IMPORTANT*:

Kandungan Pro Forma ini tidak boleh diubah tanpa kelulusan Senat bagi perkara-perkara yang telah ditandakan*. Pindaan kepada perkara lain boleh diluluskan di peringkat Akademi/Fakulti/Institut/Pusat.

*Contents of this Pro Forma shall not be changed without the Senate's approval for items indicated with *. Changes to the other items can be approved at the Academy/Faculty/Institution/Centre level.*

	Versi Bahasa Malaysia ***Malay Version***	**Versi Bahasa Inggeris** ***English Version***
Akademi/Fakulti/Institut/Pusat *Academy/Faculty/Institute/Centre*	-	-
Jabatan *Department*	Pusat Latihan *Intern* dan Pengayaan Akademik(CITrA)	*Centre for Internship Training and Academic enrichment (CITrA)*
Nama Program Akademik Name of Academic *Programme*	Pemerkasaan Holistik Pelajar (SHE)	*Students Holistic Empowerment (SHE)*
Kod Kursus* *Course Code**	GFS0013	GFS0013
Tajuk Kursus* *Course Title**	Pengenalan kepada Biokomputeran	*Introduction to Biocomputing*
Kredit* *Credit**	2	*2*
Masa Pembelajaran Pelajar (SLT) *Student Learning Time (SLT)*	80 jam	*80 hours*
Prasyarat/Keperluan Minimum Kursus *Course Pre-requisite(s)/Minimum Requirement(s)*	N/A	*N/A*
Hasil Pembelajaran Kursus* *Course Learning Outcomes**	Di akhir kursus ini, pelajar dapat: 1. Menghuraikan dogma pusat dan analisis jujukan nukleotida. 2. Membezakan jenis-jenis pangkalan data bioinformatik dan menghuraikan struktur protein. 3. Menganalisa jujukan acid amino dan perwakilan	*At the end of the course, students are able to:* *1) Describe the central dogma and analysis of nucleotide sequence.* *2) Differentiate types of bioinformatics databases and describe protein structures.* *3) Analyse amino acid sequence and different*

	molekul yang berlainan dalam pemodelan struktur protein.	*modelling representation of proteins.*
Sinopsis Kandungan Kursus *Synopsis of Course Contents*	Kursus ini merangkumi dogma pusat biologi, analisa nucleotida, melombong pangakalan data, perwakilan molekul dan pemodelan protein.	This course includes the central dogma of biology, analysis of nucleotides, database mining, molecular viewer and protein structure modelling.
Pemberatan Penilaian* *Assessment Weightage**	Penilaian Berterusan: 100% Peperiksaan akhir: -	*Continuous Assessment: 100%* *Final Exam: -*
Kaedah Maklum Balas Tentang Prestasi *Methodologies for Feedback on Performance*	Paparan gred and slip keputusan peperiksaan di portal maya.um.edu.my dan Spectrum.	Grades and examination slip displayed at maya.um.edu.my and Spectrum.
Kriteria Dalam Penilaian Sumatif *Criteria in Summative Assessment*	Sila rujuk Kaedah-kaedah Universiti Malaya (Ijazah Sarjana Muda) 2019 dan Peraturan-peraturan Universiti Malaya (Ijazah Sarjana Muda) 2019	*Refer to the University of Malaya (Bachelor's Degree) Regulations 2019 and University of Malaya (Bachelor's Degree) Rules 2019*