## MATERI DAN KRITERIA

Materials and Criteria

## **TUGAS MANDIRI 1**

Assignment 1

## JURUSAN COMPUTER SCIENCE

Computer Science Department

BERLAKU MULAI SEMESTER GENAP 2022/2023

Valid from Even Semester Year 2022/2023

Revisi : 0
Revision



## **SCIE6062 - Computational Biology**

Kriteria		Nilai
Criteria		Score
Working With Biological GenBank Files		15
o Import File	08	
<ul> <li>Read Sequence In (fasta/gb) Format</li> </ul>	07	
Sequence Manipulation Using Python		15
Sequence Analysis		30
<ul> <li>Determine Melting Temperature</li> </ul>	07	
<ul> <li>Determine GC / AT Content</li> </ul>	08	
<ul> <li>Determine Molecular Weight</li> </ul>	07	
<ul> <li>Finding Nucleotides Base Frequency</li> </ul>	08	
DNA & mRNA Protein Synthesis		10
<ul> <li>Transcription</li> </ul>	05	
o Translation	05	
Find Sequence Alignment & Similarities		15
• Plotting		15

Disiapkan Oleh,	Diperiksa Oleh,
Prepared by,	Checked by,
AND S	Indrea
Agustian Rinaldy, S.Kom.	Indra Dwi Rianto, S.Kom., S.Si., M.T.I.
Subject Development Officer	Academic Development Section Head
Tanggal: May 29, 2023 Date	Tanggal: May 29, 2023 Date

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