



# Satuan Acara Pengajaran

BIO30330 - Biosistematika

Pengajar

*Dra. Wellyzar Sjamsuridzal M.Sc., Ph.D.*

## Minggu 1

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**Materi** Pengantar Biosistematika

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**Media**

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**Referensi**

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**Aktivitas**

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## Minggu 2

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**Materi** Sejarah Taksonomi

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**Media**

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**Referensi**

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**Aktivitas**

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## Minggu 3

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**Materi** Spesies dan Taksonomi

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**Media**

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**Referensi**

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**Aktivitas**

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## Minggu 4

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**Materi** Nomenklatur dan Klasifikasi

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**Media**

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**Referensi**

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**Aktivitas**

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## Minggu 5

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**Materi** Specimens, Collections, Curation

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**Media**

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**Referensi**

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**Aktivitas**

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## Minggu 6

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**Materi** Modern Taxonomy: DNA Barcoding, Phylogenomic, Metagenomic

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**Media**

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**Referensi**

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**Aktivitas**

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## Minggu 7

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**Materi** Ujian Tengah Semester (UTS)

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**Media**

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**Referensi**

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**Aktivitas**

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## Minggu 8

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**Materi** Phylogenetic Inference

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**Referensi**

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**Aktivitas**

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Minggu 9

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**Materi** Molecular Homology, alignment, BLAST, Clustal

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**Media**

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**Referensi**

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**Aktivitas**

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Minggu 10

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**Materi** Phylogenetic Trees: Clustering by NJ, MP and ML

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**Media**

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**Referensi**

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**Aktivitas**

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Minggu 11

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**Materi** Tree Plotting/Drawing

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**Media**

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**Referensi**

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**Aktivitas**

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Minggu 12

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**Materi** Assessment, tree confidence, consensus, bootstrap

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**Media**

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**Referensi**

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**Aktivitas**

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Minggu 13

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**Materi** Molecular Divergence Dating, Bioinformatics

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**Media**

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**Referensi**

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**Aktivitas**

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Minggu 14

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**Materi** Ujian Akhir Semester (UAS)

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**Media**

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**Referensi**

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**Aktivitas**

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