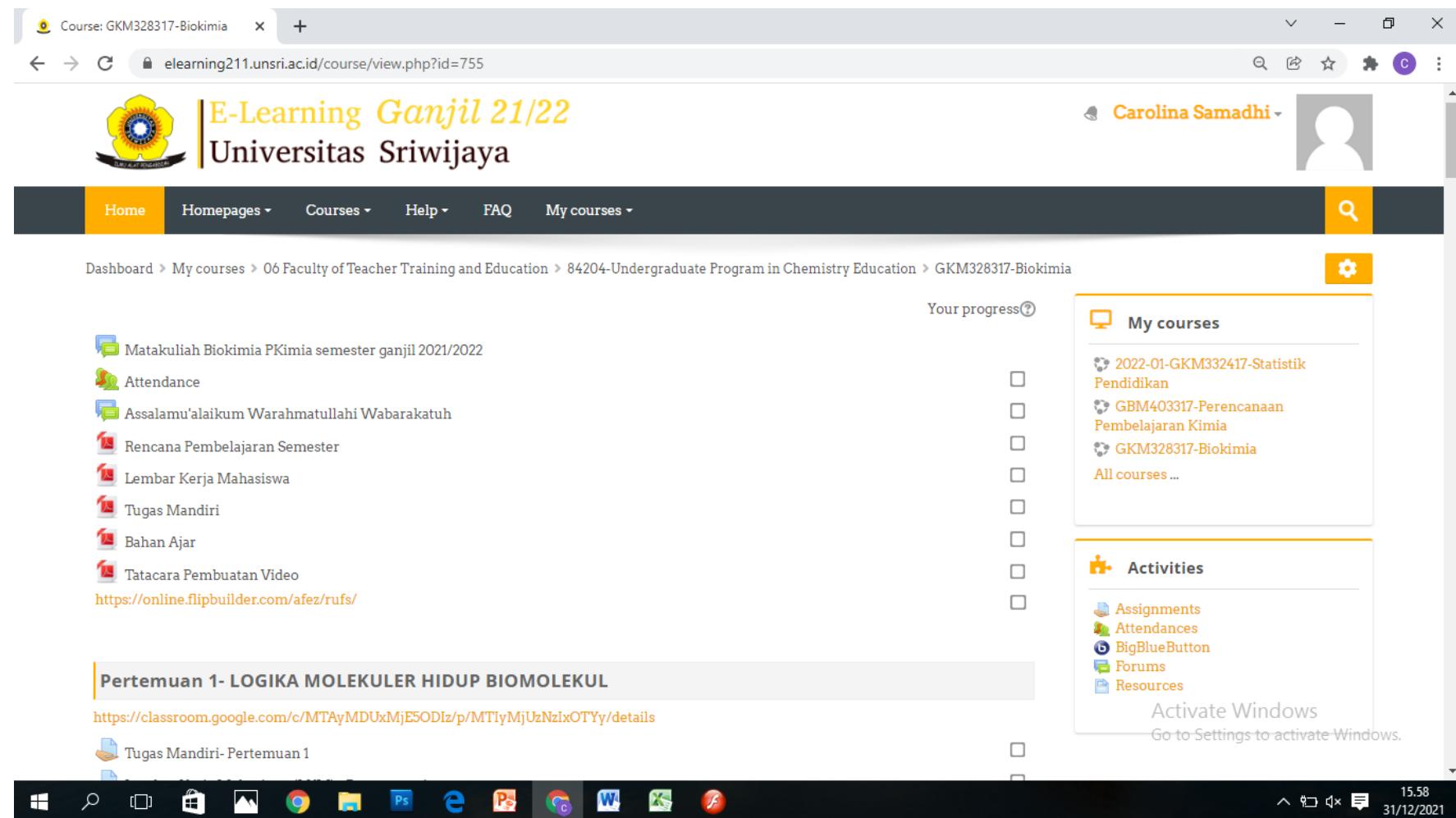


LEARNING DOCUMENTATION

BIOCHEMISTRY COURSE

A. E-Learning Platform of Unsri



The screenshot shows a web browser window for the eLearning platform of Universitas Sriwijaya (Unsri). The URL in the address bar is elearning211.unsri.ac.id/course/view.php?id=755. The page title is "Course: GKM328317-Biokimia". The header features the Unsri logo and the text "E-Learning Ganjil 21/22 Universitas Sriwijaya". The user is logged in as "Carolina Samadhi". The navigation bar includes links for Home, Homepages, Courses, Help, FAQ, and My courses. The main content area shows the course structure for "GKM328317-Biokimia" and a list of activities. A sidebar on the right lists "My courses" and "Activities". The taskbar at the bottom shows various application icons. The system tray in the bottom right corner displays the date and time as "31/12/2021 15.58".

E-Learning Ganjil 21/22
Universitas Sriwijaya

Carolina Samadhi

Home Homepages Courses Help FAQ My courses

Dashboard > My courses > 06 Faculty of Teacher Training and Education > 84204-Undergraduate Program in Chemistry Education > GKM328317-Biokimia

Your progress

- Matakuliah Biokimia PKimia semester ganjil 2021/2022
- Attendance
- Assalamu'alaikum Warahmatullahi Wabarakatuh
- Rencana Pembelajaran Semester
- Lembar Kerja Mahasiswa
- Tugas Mandiri
- Bahan Ajar
- Tatacara Pembuatan Video

<https://online.flipbuilder.com/afez/rufs/>

Pertemuan 1- LOGIKA MOLEKULER HIDUP BIOMOLEKUL

<https://classroom.google.com/c/MTAyMDUxMjE5ODIz/p/MTIyMjUzNzIxOTYy/details>

Tugas Mandiri- Pertemuan 1

My courses

- 2022-01-GKM332417-Statistik Pendidikan
- GBM403317-Perencanaan Pembelajaran Kimia
- GKM328317-Biokimia
- All courses ...

Activities

- Assignments
- Attendances
- BigBlueButton
- Forums
- Resources

Activate Windows
Go to Settings to activate Windows.

B. Video Assignment in Group

The screenshot shows a YouTube video player with the following details:

- Title:** FOTOSINTESIS - KELOMPOK 3 INDRALAYA
- Views:** 2 views
- Upload Date:** Nov 22, 2021
- Length:** 0:06 / 12:53
- Description:** Unlisted
- Engagement:** 1 like, 0 dislikes, 1 share, 1 save
- Annotations:** A chemical equation for photosynthesis is displayed: $6CO_2 + 6H_2O + \text{Energy (sunlight)} \rightarrow C_6H_{12}O_6 + 6O_2$
- Thumbnail:** The thumbnail shows a green plant and the word "FOTOSINTESIS".
- Background:** The video player has a dark theme with purple and blue decorative elements.

C. Worksheet Assignment in Group

The screenshot shows a Google Chrome window with the following tabs:

- SPADA Dikti
- Course: S1-TKK21112
- (1) WhatsApp
- LAPORAN LKM 4
- KELOMPOK 9_PERBAIKAN LKM 4_BIOKIMIA_KELAS INDRALAYA-1.pdf
- PROTEIN - YouTube

The main content is a Google Slides presentation with the following slides:

- Kelompok 9**
 - 1. Chyntia Meliana Siregar (06101281924016)
 - 2. Grace Artha Paulina Pakpahan (06101281924020)
 - 3. Indah Khovivah (06101281924065)
 - 4. Carolina Samadhi (06101082122003)
- PERTEMUAN 4**
PROTEIN
 - 1. ORIENTASI MASALAH**

Bacalah materi dan amatilah video pembelajaran pertemuan 4, yang telah disajikan, kemudian amatilah peristiwa atau kejadian sehari-hari disekeliling suadara yang berhubungan dengan protein.

Videokan sumber-sumber protein disekitar lingkungan saudara.

Jawab :

Link Video = <https://youtu.be/DPnAMSyvZU8>
 - 2. PENCETUSAN IDE**

Berdasarkan pengamatan saudara didiskusikan dengan kelompok saudara, hal- hal berikut ini. Setelah saudara cermati materi diatas, apa permasalahan yang penting perlu saudara bahas dalam kehidupan sehari-hari

On the right side of the slide, there is a comment from a user named Made Sukary...:

Made Sukary...
21.55 8 Sep
Selesaikan

1. Video sudah memenuhi standar
2. Konten video sudah lengkap
(Penjelasan reaksi protein sudah ada)
Audeo dan editing sudah baik
3. LKM sudah Lengkap
4. Pada orientasi masalah seharusnya anda menuliskan tentang protein
beserta karakteristiknya, struktur
kimianya dan reaksi yang terjadi.
Kemudian baru link videonya.
5. Pada LKM Belum ada Reaksi
Protein
6. Aplikasi sudah baik.
7. Penulisan Daftar Pustaka sudah
ada.

Activate Windows
Tampilkan sedikit
Go to Settings to activate Windows.

At the bottom of the screen, the taskbar shows various application icons, and the system tray indicates the date and time as 31/12/2021 and 16:46.

D. Worksheet Assignment in Group

TUGAS

Made Sukeryana
75/100

PERTEMUAN 15
FOTOSINTESIS

Nama : Moch. Rafiansyah Haidar
NIM : 06101082122004
Prodi : Pendidikan Kimia
Kelas : Indralaya

Definisi Fotosintesis

Fotosintesis merupakan proses yang dilakukan oleh organisme autotrof, dengan menggunakan energi dari cahaya matahari yang diserap oleh klorofil untuk membuat bahan makanan dari molekul sederhana menjadi molekul yang lebih kompleks. bahan yang digunakan untuk melakukan fotosintesis yaitu karbondioksida dan air yang kemudian diubah menjadi karbohidrat dan oksigen dengan bantuan foton yang diserap oleh klorofil. Proses fotosintesis sendiri terbagi menjadi dua, yaitu reaksi terang dan siklus kelvin.

Diagram of the Photosynthesis Process:

The diagram illustrates the photosynthesis process. Light energy from the sun strikes a plant. The energy is absorbed by chlorophyll in the leaves. The absorbed energy is used to split water molecules (H₂O) into oxygen (O₂) and hydrogen ions (H⁺). The oxygen is released as a byproduct. The hydrogen ions are used along with carbon dioxide (CO₂) to produce glucose (C₆H₁₂O₆). The glucose is used by the plant for energy and growth. The oxygen is released into the atmosphere.

E. Documentation after Learning Biochemistry

