

RACHMANNISA AMALIA PUTRI

+62 857 7722 9111 | amaliaputri.nisa@gmail.com |
linkedin.com/in/rachmannisaamaliaputri | Jakarta Timur

PROFILE

Chemistry graduate (*Cum laude*) focusing in organic chemistry. Experienced in product development, data analysis, laboratorium work through internships at cosmetic company. Detail-oriented, fast learner, and eager to grow in various field in chemical roles. Cosmetic, Food, and Fragrance industry enthusiast.

EDUCATION

Gadjah Mada University **2021-2025**

S1-Chemistry (Focus: Organic Chemistry) GPA: 3.64/4.00

Relevant Courses: Kimia Kosmetik, Kimia Pangan, Kimia Minyak Atsiri, Kimia Organik Dasar, Sintesis Senyawa Organik.

WORK EXPERIENCE

Laboratorium Kimia Organik UGM **Feb 2025-April 2025**
Laboratory Assistant

- Managed more than 70 first-year undergraduate students majoring in Chemistry at organic chemistry laboratory.
- Managed the organic chemistry lab work focusing on "Isolation of Caffeine from Tea Leaves"
- Conducted and taught several laboratory skills, such as solid-liquid extraction, Buchner method of filtration, liquid-liquid extraction, operating rotary evaporator, and melting point determination

Laboratorium Kimia Dasar UGM **Aug 2024-Nov 2024**
Laboratory Assistant

- Managed more than 100 first-year undergraduate students majoring in Chemistry.
- Managed the basic chemistry lab work focus on the "Redox Reaction Kinetics of Potassium Permanganate with Sucrose"
- Conducted and taught several basic laboratory skills, such as weighing, measuring volume, processing data, and scientific report writing

Laboratorium Kimia Organik UGM **Aug 2024-Nov 2024**
Laboratory Assistant

- Managed more than 70 second-year undergraduate students majoring in Chemistry at organic chemistry laboratory
- Managed the organic chemistry lab work focus on the "Synthesis of Vanillin Alcohol"
- Conducted and taught several laboratory skills, for instance organic synthesis, purification of organic compound, operating rotary evaporator, thin layer chromatography, and melting point determination with melting point apparatus

PT Gondowangi Tradisional Kosmetika **Feb 2024-April 2024**
Intern of Business and Research Development

- Designed the skincare product idea such as target market, formulation, packaging, and price.

- Managed to formulate face serum product with anti-acne ingredients such as tea tree oil and malic acid (AHA)
- Assisted in toxicological information drafting of product raw material in accordance with BPOM format
- Assisted in product stability testing using Brookfield Viscometer and organoleptic test.

ORGANISATION EXPERIENCE

Keluarga Mahasiswa Kimia (KMK) UGM

Jan 2022-Dec 2023

*Staff of Research and Development
Department*

- Managed to become the treasurer of Research and Development Department
- Responsible for developing internal management of the organization by conducting the evaluations at mid-year and year-end
- Conducted the dialogue between chemistry lecturers and students to evaluate and express student's opinion.

Baracitaid

June 2021-June 2022

Staff of Creative Team

- Organized the internal and external documents focusing in theme design of whole events
- Planned and executed content strategy for Instagram, resulting in the creation of 120+ engaging posts
- Organized the members profile of Baracita internal team

PUBLIC SPEAKING EXPERIENCE

LABORATORIUM TOUR SADAMIKA 2022

August 13th, 2022

Master of Ceremony

- Facilitated structured event execution by following the rundowns and ensuring the smooth program flow.
- Acted as liaison between audience and the laboratorium staff to ensure coordination and proper delivery of laboratorium information.
- Engaged with participants to maintain the effective communication throughout the event

DIALOG CITA 2.0

February 6th, 2022

Speaker

- Managed to introduce the Chemistry major on Dialog Cita event
- Managed to share experiences about pathways to universities to more than 100 high-school students

SKILL AND LANGUAGE

- | | |
|-----------------------|-------------------------------|
| • English | • Microsoft Office |
| • Laboratory Skills | • Microsoft Outlook and Teams |
| • Product Development | • Document Management |
| • Data Analysis | |



UNIVERSITAS GADJAH MADA

Terakreditasi Unggul berdasarkan Keputusan BAN-PT No. 2006/SK/BAN-PT/Ak.Pp/PT/XII/2022

I J A Z A H

Menyatakan bahwa

Rachmannisa Amalia Putri

lahir di Wonogiri pada tanggal 28 September 2003 dengan Nomor Induk Kependudukan 31750368090300003,

diterima pada bulan Agustus tahun 2021 dengan Nomor Induk Mahasiswa 21/481013/PA/20925.

Yang bersangkutan telah menyelesaikan studi, memenuhi seluruh syarat pendidikan Sarjana pada

Program Studi Kimia

Fakultas Matematika dan Ilmu Pengetahuan Alam

dan dinyatakan lulus pada tanggal 31 Juli 2025 sehingga kepadanya diberikan gelar

Sarjana Sains (S.Si.)

beserta segala hak dan kewajiban yang melekat pada gelar tersebut.

Diterbitkan di Yogyakarta, tanggal 25 November 2025

Dekan

Prof. Dr.Eng. Kuwat Triyana, M.Si.



Rektor



Prof. dr. Ova Emilia, M.Med.Ed., Sp.OC(K), Ph.D.





UNIVERSITAS GADJAH MADA

TRANSKRIP NILAI ACADEMIC TRANSCRIPT

Nama : Rachmannisa Amalia Putri
Name

Nomor Induk Mahasiswa : 21/481013/PA/20925
Student Number

Jenjang : Sarjana
Degree : Bachelor

Fakultas : Matematika dan Ilmu Pengetahuan Alam
Faculty : Mathematics and Natural Sciences

Program Studi : Kimia
Study Program : Bachelor in Chemistry

Tempat Lahir : Wonogiri
Place of Birth

Tanggal Lahir : 28/09/2003
Date of Birth

Nomor Ijazah : 001001472012025100135
Graduation Certificate Number

Tanggal Diterima : 16/08/2021
First Enrollment

Tanggal Lulus : 31/07/2025
Passing Date

No	Kode Code	Mata Kuliah	Courses	SKS Credit	Nilai Grade
1	UNU242033	Literasi Kesehatan	Health Literacy	2	A
2	MFF1011	Fisika Dasar I	Fundamentals of Physics I	3	B+
3	MKK1113	Praktikum Kimia Dasar I	General Chemistry I Labwork	2	A
4	MKK1401	Kimia Organik Dasar I	Fundamentals of Organic Chemistry I	2	A-
5	MKK1711	Bahasa Inggris	English	1	A
6	MMM1101	Kalkulus I	Calculus I	3	B-
7	UNU1000	Agama Islam	Religion	2	A-
8	MKK1102	Kimia Dasar II	General Chemistry II	3	A/B
9	MKK1204	Struktur Senyawa Anorganik dan Teori Grup	Structure of Inorganic Compounds and Group Theory	2	B+
10	MKK1302	Termodinamika Kimia	Chemical Thermodynamics	2	A/B
11	MKK1506	Kimia Analitik-Dasar	Fundamentals of Analytical Chemistry	2	B
12	MKK1710	Matematika untuk Kimia	Mathematics for Chemistry	2	B+
13	MKK1712	Praktikum Kimia Organik dan Analitik I	Laboratory Work in Organic and Analytical Chemistry I	2	A-
14	MKK1720	Fisika Untuk Kimia	Physics for Chemistry	2	A/B
15	UNU1010	Pancasila	Pancasila	2	A
16	MII211201	Pemrograman	Programming	3	A-
17	MKK2201	Dasar Reaksi Anorganik	Fundamentals of Inorganic Reaction	2	A-
18	MKK2203	Kimia Koordinasi	Coordination Chemistry	2	A/B
19	MKK2305	Keseimbangan Kimia	Chemical Equilibrium	2	A-
20	MKK2307	Kimia Kuantum	Quantum Chemistry	2	B+
21	MKK2403	Stereokimia	Stereochemistry	1	B+
22	MKK2505	Metode Spektrometri	Spectrometric Methods	3	A/B
23	MKK2601	Biokimia I	Biochemistry I	2	A/B
24	MKK2711	Praktikum Kimia Organik dan Fisik	Laboratory Work in Organic and Physical Chemistry	2	A-
25	UNU3000	Kewarganegaraan	National Resilience	2	A
26	MKK1101	Kimia Dasar I	General Chemistry I	3	A-
27	MKK2206	Kimia Organologam dan Bioanorganik	Organometallic and Bioinorganic Chemistry	2	B
28	MKK2306	Kinetika Kimia	Chemical Kinetics	2	A
29	MKK2308	Ikatan Kimia dan Kimia Komputasi	Chemical Bonding and Computational Chemistry	2	A-
30	MKK2402	Elusidasi Struktur Senyawa Organik	Organic Structure Elucidation	2	B+





UNIVERSITAS GADJAH MADA

No	Kode Code	Mata Kuliah	Courses	SKS Credit	Nilai Grade
31	MKK2504	Metode Pemisahan	Separation Methods	2	B
32	MKK2602	Blokimia II	Biochemistry II	2	B
33	MKK2712	Praktikum Kimia Anorganik dan Fisik	Laboratory Work in Inorganic and Physical Chemistry	2	A
34	MKK3201	Mekanisme Reaksi Anorganik	Inorganic Reaction Mechanism	2	B+
35	MKK3203	Kimia Unsur	Chemistry of Elements	2	A/B
36	MKK3303	Spektroskopi dan Termodinamika Statistik	Spectroscopy and Statistical Thermodynamics	3	A/B
37	MKK3401	Kimia Organik Fisik	Physical Organic Chemistry	2	B+
38	MKK3403	Sintesis Senyawa Organik	Organic Synthesis	3	A-
39	MKK3507	Metode Elektrokimia dan Termal	Electrochemical and Thermal Methods	2	A/B
40	MKK3711	Praktikum Kimia Organik dan Analitik II	Laboratory Work in Organic and Analytical Chemistry II	2	A-
41	MKK3712	Praktikum Kimia Anorganik	Laboratory Work in Inorganic Chemistry	1	A
42	MKK3833	Jaminan Mutu Dalam Industri	Quality Assurance in Industry	2	A/B
43	MKK3700	Metodologi Penelitian	Research Methodology	2	A-
44	MKK1730	Biologi Dasar	Fundamentals of Biology	2	A/B
45	MKK1822	Kimia Minyak Atsiri	Essential Oil Chemistry	2	A/B
46	MKK2821	Kimia Medisinal	Medicinal Chemistry	2	A/B
47	MKK2823	Kimia Hasil Alam	Natural Products Chemistry	2	A/B
48	MKK2822	Kimia Pangan	Food Chemistry	2	A/B
49	MKK2836	Kimia Kosmetik	Cosmetic Chemistry	2	A
50	MKK3861	Simulasi Molekular	Molecular Simulation	2	A
51	MKK3863	Kemoinformatika	Chemoinformatics	2	A
52	MKK3822	Enzimologi	Enzymology	2	A/B
53	MKK3862	Komputasi Rancang Obat	Computational Drug Design	2	A
54	MKK1402	Kimia Organik Dasar II	Fundamentals of Organic Chemistry II	2	B/C
55	MKK3817	Pengantar Kewirausahaan	Introduction to Entrepreneurship	2	A-
56	MKK3910	Perancangan Praktik Kerja Lapangan	Designing Fieldwork Practices	2	A
57	MKK3915	Pengembangan Skill dalam Industri Kimia B	Skill Development in Chemical Industry B	2	A/B
58	MKK3916	Implementasi Praktik Kerja Lapangan B	Implementation of Fieldwork Practice B	8	A
59	MKK3917	Seminar Praktik Kerja Lapangan B	Fieldwork Practice Seminar B	2	A
60	MKK3918	Analisis Kimia Industri	Industrial Chemical Analysis	2	A-
61	MKK3919	Pengolahan Limbah Industri	Industrial Waste Treatment	2	A-
62	MKK3920	Seminar Akhir Praktik Kerja Lapangan B	Final Seminar on Fieldwork Practice B	2	A
63	UNU222001	KKN-PPM	Student Service Learning	4	A
64	UNU222002	Komunikasi Masyarakat	Community Communication	2	A
65	UNU222003	Penerapan Teknologi Tepat Guna	Functional Technology Application	2	A
66	MKK2204	Sintesis dan Elusidasi Struktur Senyawa Anorganik	Synthesis and Structure Elucidation of Inorganic Compounds	2	A/B





UNIVERSITAS GADJAH MADA

No	Kode Code	Mata Kullah	Courses	SKS Credit	Nilai Grade
67	MKK4701	Penelitian Skripsi	Final Project Research	3	A
68	MKK4703	Seminar Skripsi	Final Project Seminar	1	A
69	MKK4702	Skripsi	Final Project/Undergraduate Thesis	2	A

Jumlah SKS : 151

Number of Credits

Indeks Prestasi Kumulatif : 3.64

Cumulative Grade Point Average

Predikat : Pujian

Predicate : Cum Laude

Keterangan Nilai

Explanation of Grades

A : 4	C+ : 2.25
A- : 3.75	C : 2
A/B : 3.5	C- : 1.75
B+ : 3.25	C/D : 1.5
B : 3	D+ : 1.25
B- : 2.75	D : 1
B/C : 2.5	E : 0

Skripsi

Desain In Silico dan Uji Aktivitas Inhibitor Alfa-Amlase Berbasis Peptida dari Biji Quinoa (*Chenopodium quinoa* Willd.)

Undergraduate Thesis

In silico and Activity Assay of Alpha-Amylase Inhibitory Based on Peptides From Quinoa Seeds (*Chenopodium quinoa* Willd.)

Yogyakarta, 25/11/2025

Dekan,

Dean,



Prof. Dr.Eng. Kuwat Triyana, M.Si.

---- Akhir Transkrip (End of Transcript) ----

