Student Handbook of

Chemistry Education

Faculty Of Teacher Training and Education

'Kembangkan Asa, Ciptakan Karya'

VISION OF LAMPUNG UNIVERSITY

*Lampung University aims to be a **Center of Excellence** at the national and international levels as a strong institution **(BE STRONG)** based on the noble values of national culture and Pancasila.*

MISSION OF LAMPUNG UNIVERSITY

To implement high-quality Tridharma of Higher Education to produce human resources who are adaptive and flexible in the face of changes and innovations, thereby contributing to the enhancement of national competitiveness.

GOALS OF LAMPUNG UNIVERSITY

1. a. *To produce high-quality graduates with strong competitiveness who are quickly absorbed into the job market and capable of creating job opportunities for themselves and others;*

   b. *To produce outstanding/new scientific and technological innovations that are published in accredited journals both domestically and internationally, and to secure intellectual property rights (IPR) for these innovations;*

   c. *To enhance the competitiveness and welfare of the community by conducting high-quality and innovative community service based on outstanding/new scientific and technological advancements;*

2. *To improve organizational management in academics, finance, and human resources toward achieving good governance;*
3. *To enhance accessibility for all segments of society to obtain higher education services at Lampung University;*
4. *To enhance collaboration with the central government, provincial and regional administrations, the business world, non-governmental organizations (NGOs), and other stakeholders, both domestically and internationally.*

FOREWORD

We express our gratitude to Almighty God for His blessings and grace, which have enabled us to complete this student handbook for the Chemistry Education Program, Department of Mathematics and Natural Sciences (PMIPA), Faculty of Teacher Training and Education (KIP) at Lampung University (UNILA). Unlike previous versions, this handbook has been updated to align with the Curriculum Document implemented in the Chemistry Education Undergraduate Program since the first semester of the 2020/2021 academic year

As its name suggests, this handbook is designed to guide students through their studies in the Chemistry Education Undergraduate Program. It also aims to introduce students to various organizations, activities, and facilities available at Lampung University. In doing so, students can maximize their personal development while pursuing their degree at Lampung University. We welcome any feedback, suggestions, and proposals from all parties to improve this handbook in the future.

Bandar Lampung, August 2024

Editorial Team

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EMBLEM OF LAMPUNG UNIVERSITY

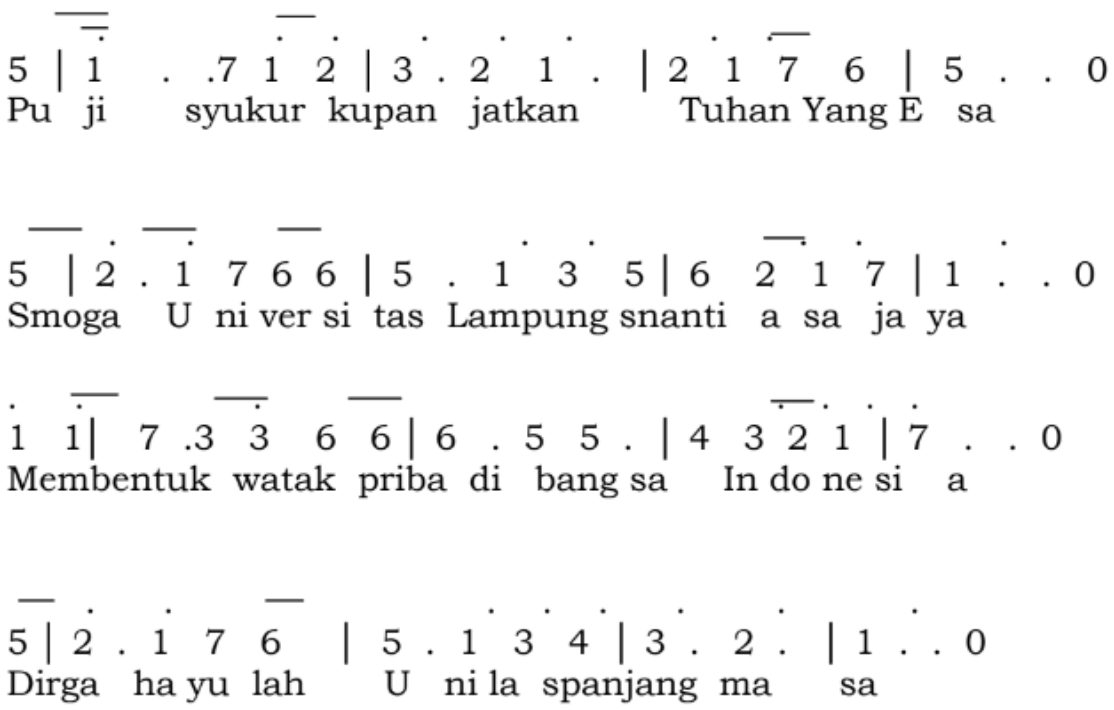
Description:

The emblem features a pentagonal shield in light blue, symbolizing the natural environment of higher education. The red flame represents enlightenment in darkness, while the gray supporting vessel signifies stability. The black-handled torch symbolizes illumination. The golden-yellow siger crown signifies self-esteem, and the golden-yellow gateway represents the place where educated individuals are born and develop. The open yellow book symbolizes a source of knowledge, technology, and art beneficial to human life. The golden-yellow pepadun table represents a place for deliberation, and the five green pepper leaves symbolize prosperity.

HYMN OF LAMPUNG UNIVERSITY

4/4
Maestoso

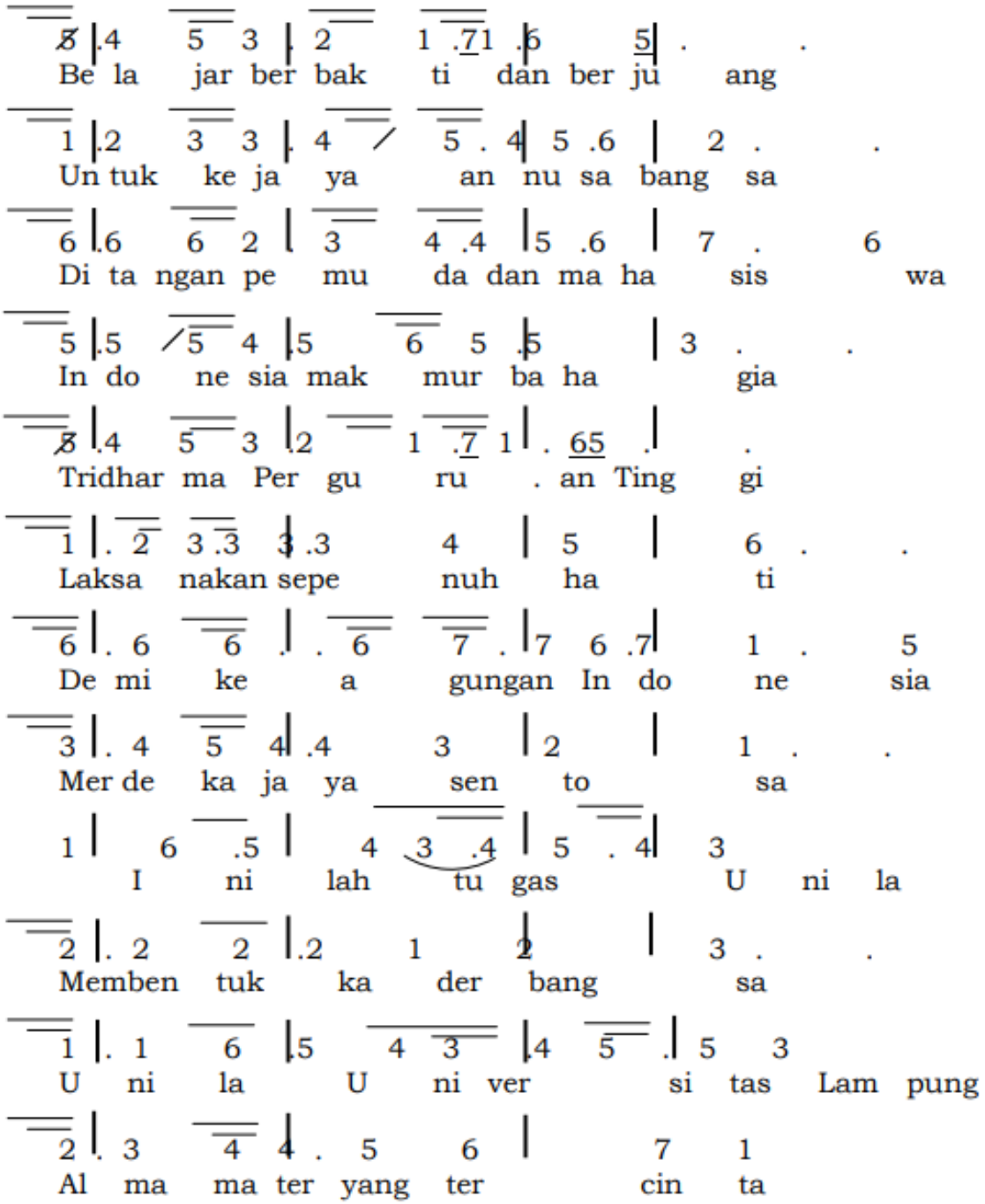
Song : Suparjo
Syair : Hilam Hadikusuma, S.H. and Sarijo



MARS OF LAMPUNG UNIVERSITY

2/4
Bes : do

Song & Syair : Drs. Husin Sayuti
Aransemen : Suparjo



CAMPUS MAP OF LAMPUNG UNIVERSITY

Description:

1. Rectorate
2. Faculty of Economics and Business
3. Faculty of Law
4. Faculty of Social and Political Sciences
5. Faculty of Teacher Training and Education
6. Faculty of Mathematics and Natural Sciences
7. Faculty of Agriculture
8. Faculty of Engineering
9. Faculty of Medicine
10. Library
11. Information and Communication Technology Building
12. Auditorium
13. Sports Facilities

1 PROFILE OF CHEMISTRY EDUCATION

A. Brief History

Life in the 21st century demands fundamental changes in higher education. These changes manifest as: (i) transition from local to global perspectives, (ii) transition from social cohesion to democratic participation, especially in education and citizenship practices, and (iii) change from economic growth to human development. UNESCO (1998) explains that to achieve these four changes in higher education, four pillars of education are used: (i) *learning to know*, (ii) *learning to do;* (iii) *learning to be*, dan (iv), *learning to live together* (*with others*).

With the above considerations, the Chemistry Education Program Curriculum for 2012 was developed, referencing a competency-based curriculum model. The curriculum workshop began at the university level, focusing on general or national and university-specific courses. This was followed by discussions at the faculty and department levels, and finally at the program level. The curriculum was collaboratively developed by the Chemistry Education program faculty, high school chemistry teachers, and other stakeholders, guided by the Chair of the Chemistry Education Program, PMIPA FKIP Unila.

In accordance with the ideology of the State and the culture of the Indonesian Nation, the implementation of education in the Chemistry Education program includes processes that foster the development of the following affections: (1) Being Devout to the One and Only God: (2) Possessing Good Morals, Ethics, and Personality in Completing Tasks (3) Acting as a Proud and Patriotic Citizen and Supporting World Peace: (4) Able to Collaborate and Possess High Social Sensitivity and Concern for Society and the Environment: (5) Valuing Cultural Diversity, Perspectives, Beliefs, and Original Opinions/Findings of Others (6) Upholding the Rule of Law and Prioritizing the Interests of the Nation and Society at Large

It is expected that graduates of the Chemistry Education Program: (1) Be Capable of Utilizing Science and Technology (IPTEKS) in the Field of Education and

Chemistry Learning and Adapt to Situations Faced, Both in Solving Educational and Learning Problems (2) Master Theoretical Concepts in Chemistry and Formulate Procedural Solutions; (3) Able to Make Strategic Decisions Based on Information and Data Analysis, and Provide Guidance in Choosing Various Alternative Solutions; (4) Responsible for One's Own Work and Accountable for Achieving Results in Class, Laboratory, and School. With these considerations in mind, the Chemistry Education Program Curriculum for 2016 was developed.

The Chemistry Education Program at the University of Lampung is responsible for designing, implementing, and evaluating the curriculum to ensure it meets relevance and quality standards. Relevance aspects include addressing user needs, defining the program and degree levels, alignment with competency levels according to the Indonesian National Qualifications Framework (KKNI) (Presidential Regulation No. 8 of 2012), compliance with the National Standards for Higher Education (Ministerial Regulation No. 44 of 2015), and adherence to standards set by Unila. In terms of KKNI equivalence, graduates of the S-1 program are at Level 6 of the KKNI.

In the context of curriculum development for the program, a foundational curriculum framework is needed to guide the curriculum development process for each program. This ensures alignment with the Faculty's vision and mission, the University of Lampung's (Unila) vision and mission, and the national education goals of Indonesia. Additionally, this foundational framework can be used as a reference in addressing issues that arise during the curriculum development process and serves as a measure for academic quality assurance within Unila.

In addition to the foundational curriculum framework, the development of the program requires several stages of activities. These stages include: need assessment study, feasibility study, comparative studies and benchmarking, evaluation of the current curriculum, tracer study, development of a new curriculum, validation and revision, public testing, sanctioning of development results, implementation, and curriculum evaluation. Throughout this process, the program should involve the entire academic community, incorporating input from chemistry teacher professional

associations, alumni users (school principals), alumni, relevant government agencies (Education Office), relevant expert groups, and other stakeholders. Considering these factors, the Chemistry Education Program Curriculum for 2019 (Revision of the 2016 Curriculum) was developed.

B. Visi Program Studi S1 Pendidikan Kimia

Developing Chemistry Education based on everyday life phenomena, so that its graduates master theoretical concepts in chemistry and are equipped with innovative and adaptive learning approaches that respond to advancements in science and technology.

C. Mission

To achieve this vision, the S1 Chemistry Education Program at the Faculty of Teacher Training and Education (FKIP), University of Lampung has the following four missions:

1. Provide high-quality education based on everyday life phenomena that aligns with advancements in science and technology.
2. Develop research in the field of chemistry education and learning that is creative, innovative, and adaptable to scientific and technological developments.
3. Engage in community service related to chemistry education and learning.
4. Expand collaborative networks with relevant institutions and organizations.

D. Adress

Address	: Building G, Department of MIPA Education, Faculty of Teacher Training and Education, University of Lampung, Jl. Prof. Dr. Sumantri Brojonegoro No. 1, Bandar Lampung, Lampung, Indonesia.Kode Pos : 35145
Phone	: (0721)704624
Fax	: (0721)704624
Website	: kimia.fkip.unila.ac.id

E. Teaching Staff

Information related to the faculty profiles can be viewed at :

https://www.unila.ac.id/dosen-staff-universitas-lampung/

F. Educational Facilities

Facilities or Educational Resources Managed by the Chemistry Education Program include:

1. Faculty Rooms
2. Microteaching Laboratory
3. Basic Chemistry Laboratory
4. Analytical Chemistry Laboratory
5. Organic Chemistry Laboratory
6. Biochemistry Laboratory
7. Inorganic-Physical Chemistry Laboratory
8. Chemistry Learning Laboratory

The facilities or resources managed by the Department of Mathematics and Natural Sciences Education include:

1. Classrooms
2. Student Reading Room
3. Room for the Exact Sciences Student Association (Himasakta)

The facilIties or resources managed by the Faculty of Teacher Training and Education include:

1. Mosque
2. Futsal Field
3. Cultural Laboratory
4. Edufun
5. Student Secretariat Room
6. Gazebo
7. Parking Area
8. Integrity Cafeteria
9. Student Cafeteria

G. Scientific Publication Media

The Chemistry Education Program at the Faculty of Teacher Training and Education (FKIP), University of Lampung manages one scientific publication media as follows:.

- Journal of Chemistry Education and Learning (JPPK)

Online ISSN	2302-1772
Print ISSN	-
Doi Prefix	- by Crossref
Publisher	Chemistry Education Program, FKIP, University of Lampung (Unila)
Editor in Chief	Bayu Saputra, S.Pd., M.Pd.
SINTA Score	4
Frequency	Three issues per year: April, Agustus & Desember
Focus & Scope	**The Journal of Chemistry Education and Learning** is managed by the Chemistry Education Program, Department of MIPA Education, Faculty of Teacher Training and Education, University of Lampung. This journal publishes scientific papers or articles resulting from research in the field of chemistry education. The publication procedure involves peer review and adheres to the publication ethics as established by the Committee on Publication Ethics (COPE). The scope of articles in this journal encompasses chemistry education and learning.
OAI Address	https://jurnal.fkip.unila.ac.id/index.php/JPK/oai
Citation Analysis	Google Scholar
Address	Chemistry Education Program, Department of Mathematics and Natural Sciences Education, Faculty of Teacher Training and Education, University of Lampung. Jl. Prof. Dr. Sumantri Brojonegoro No. 1, Gedong Meneng, Bandar Lampung City 35145.

2 ACADEMIC SYSTEM

The Bachelor's Program (S1) in Chemistry Education is a study program that requires a minimum of 151 credit hours (sks) and has a duration of 8 semesters.

A. Academic Guidance

Academic advisors (PA) are faculty members appointed by the dean based on the proposal of the head of the study program/department. Meetings between the academic advisor and their advisee must occur at least three times per semester. The responsibilities of the academic advisor are:

a. Assisting students in developing their study plans (RS).
b. Helping students select courses in accordance with the credit load they can take and validating the study plan.
c. Monitoring and evaluating the student's academic progress.
d. Documenting the results of student monitoring and submitting them to the department at the end of each semester through control cards.
e. Helping address study-related issues that may impede academic progress. If necessary, students may be recommended to consult with the Student Counseling Guidance Team (TBKM).

Students should also consult with their academic advisor when undertaking field experiences such as School Field Introduction (PLP), Community Service (KKN), or Final Thesis (TAS). Academic advisors can be met in their respective offices by making an appointment in advance.

B. Semester Credit System

The Semester Credit System (SCS), abbreviated as SKS, is an educational program management system in which students determine their own study load and the courses they will take each semester within an educational unit. The study load for each course under SKS is expressed in semester credit units.

A Semester Credit Unit (also abbreviated as sks) is a measure of the time allocated for student learning per week per semester through various learning forms, or the recognition of students' efforts in participating in curricular activities within a study program. A semester is the smallest time unit to denote the duration of an educational program within a certain level of education.

The maximum number of credits per semester is 9 sks, with a minimum of 16 meetings required for each course. For the medical education program, the maximum is 2 blocks (12 sks) or as regulated by the dean’s regulations.

One Semester Credit Unit (sks) in the learning process, which includes lectures, recitations, or tutorials, consists of:
a. Face-to-face activities of 50 (fifty) minutes per week per semester;
b. Structured assignments of 60 (sixty) minutes per week per semester.

One Semester Credit Unit (sks) in the learning process for seminars or similar forms consists of:
a. Face-to-face activities of 100 (one hundred) minutes per week per semester; and
b. Independent activities of 70 (seventy) minutes per week per semester.

One Semester Credit Unit (sks) in the learning process for practical work, studio practice, workshop practice, field practice, research, community service, and/or similar educational activities consists of 170 (one hundred seventy) minutes per week per semester.

C. Student Study Load

The student study load for diploma, undergraduate, professional, master’s, and doctoral programs is presented in the table below:

Number	Educational programs	Study Load (Credits)		Study Duration (Semesters)
		Minimum	Maximum	
1	Diploma III	110	120	6-10
2	Undergraduate (S1)	144	160	7-14
3	Master’s (Magister)	36	50	3-8

4	Professional (Profesi)	40	-	2-6
5	Professional (Profesi) S-2	36	50	4-10
6	Professional (Profesi) S-3	40	-	4-10
7	Doctoral (Doktor)	42	-	6-14

The credit load for diploma programs is organized using a package system. For undergraduate programs, the credit load in the first and second semesters is organized using a package system per semester. From the third semester onward, the credit load for undergraduate programs is determined based on the on the GPA from the previous semester, as presented in the table.

The study load for undergraduate students after the second semester.

Num-ber	**GPA from the previous semester**	**Current Semester Study Load (credits)**
1	≥ 3,00	24
2	2,50-2,99	21
3	2,00-2,49	18
4	1,50-1,99	15
5	≤ 1,49	12

Determining the study load taken by students in a semester should be consulted with the academic advisor. The maximum study load can be fulfilled by adding courses, provided that classes are still available and prerequisites have been met.

D. Courses

Courses are structured based on the Learning Outcomes (CPL) assigned to each course and the study material corresponding to those CPLs. The organization of courses within the curriculum structure needs to be done carefully and systematically to ensure that the learning stages are appropriate, and to guarantee that the instruction is conducted efficiently and effectively to achieve the Program's CPL.

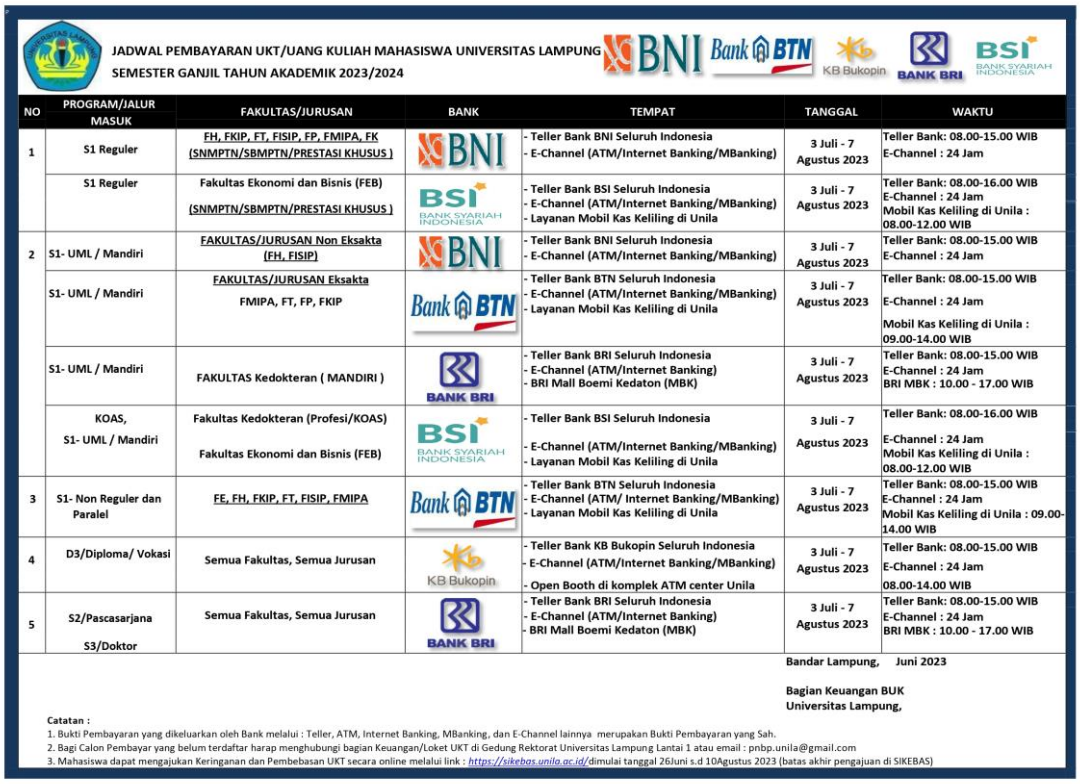
The Chemistry Education Study Program has a maximum duration and study load for the undergraduate program of 7 (seven) academic years, with a minimum study

load of 147 Semester Credit Units. The Chemistry Education Study Program offers mandatory and elective courses according to student interests. For mandatory courses, the program requires students to complete 5 semesters of core courses within the Chemistry Education program, while the remaining semesters can be used to choose from independent learning programs, with a maximum of 20 credits.

E. Re-registration and Payment of Tuition Fees

Single Tuition Fee (UKT) is a portion of the total tuition fee that each student is responsible for, based on their economic capability. UKT is determined based on the total tuition fee minus the amount covered by the government.

The regulations regarding the payment of the Single Tuition Fee (UKT) are outlined in the Indonesian Minister of Education and Culture Regulation Number 55 of 2013 concerning Single Tuition Fees (BKT) and UKT at State Universities within the Ministry of Education and Culture..



JADWAL PEMBAYARAN UKT/UANG KULIAH MAHASISWA UNIVERSITAS LAMPUNG
SEMESTER GANJIL TAHUN AKADEMIK 2023/2024

NO	PROGRAM/JALUR MASUK	FAKULTAS/JURUSAN	BANK	TEMPAT	TANGGAL	WAKTU
1	S1 Reguler	FH, FKIP, FT, FISIP, FP, FMIPA, FK (SNMPTN/SBMPTN/PRESTASI KHUSUS)	BNI	- Teller Bank BNI Seluruh Indonesia - E-Channel (ATM/Internet Banking/MBanking)	3 Juli - 7 Agustus 2023	Teller Bank: 08.00-15.00 WIB E-Channel : 24 Jam
	S1 Reguler	Fakultas Ekonomi dan Bisnis (FEB) (SNMPTN/SBMPTN/PRESTASI KHUSUS)	BSI	- Teller Bank BSI Seluruh Indonesia - E-Channel (ATM/Internet Banking/MBanking) - Layanan Mobil Kas Keliling di Unila	3 Juli - 7 Agustus 2023	Teller Bank: 08.00-16.00 WIB E-Channel : 24 Jam Mobil Kas Keliling di Unila : 08.00-12.00 WIB
2	S1- UML / Mandiri	FAKULTAS/JURUSAN Non Eksakta (FH, FISIP)	BNI	- Teller Bank BNI Seluruh Indonesia - E-Channel (ATM/Internet Banking/MBanking)	3 Juli - 7 Agustus 2023	Teller Bank: 08.00-15.00 WIB E-Channel : 24 Jam
	S1- UML / Mandiri	FAKULTAS/JURUSAN Eksakta FMIPA, FT, FP, FKIP	BTN	- Teller Bank BTN Seluruh Indonesia - E-Channel (ATM/Internet Banking/MBanking) - Layanan Mobil Kas Keliling di Unila	3 Juli - 7 Agustus 2023	Teller Bank: 08.00-15.00 WIB E-Channel : 24 Jam Mobil Kas Keliling di Unila : 09.00-14.00 WIB
	S1- UML / Mandiri	FAKULTAS Kedokteran (MANDIRI)	BRI	- Teller Bank BRI Seluruh Indonesia - E-Channel (ATM/Internet Banking) - BRI Mall Boemi Kedaton (MBK)	3 Juli - 7 Agustus 2023	Teller Bank: 08.00-15.00 WIB E-Channel : 24 Jam BRI MBK : 10.00 - 17.00 WIB
	KOAS, S1- UML / Mandiri	Fakultas Kedokteran (Profesi/KOAS) Fakultas Ekonomi dan Bisnis (FEB)	BSI	- Teller Bank BSI Seluruh Indonesia - E-Channel (ATM/Internet Banking/MBanking) - Layanan Mobil Kas Keliling di Unila	3 Juli - 7 Agustus 2023	Teller Bank: 08.00-16.00 WIB E-Channel : 24 Jam Mobil Kas Keliling di Unila : 08.00-12.00 WIB
3	S1- Non Reguler dan Paralel	FE, FH, FKIP, FT, FISIP, FMIPA	BTN	- Teller Bank BTN Seluruh Indonesia - E-Channel (ATM/ Internet Banking/MBanking) - Layanan Mobil Kas Keliling di Unila	3 Juli - 7 Agustus 2023	Teller Bank: 08.00-15.00 WIB E-Channel : 24 Jam Mobil Kas Keliling di Unila : 09.00-14.00 WIB
4	D3/Diploma/ Vokasi	Semua Fakultas, Semua Jurusan	KB Bukopin	- Teller Bank KB Bukopin Seluruh Indonesia - E-Channel (ATM/Internet Banking/MBanking) - Open Booth di komplek ATM center Unila	3 Juli - 7 Agustus 2023	Teller Bank: 08.00-15.00 WIB E-Channel : 24 Jam 08.00-14.00 WIB
5	S2/Pascasarjana S3/Doktor	Semua Fakultas, Semua Jurusan	BRI	- Teller Bank BRI Seluruh Indonesia - E-Channel (ATM/Internet Banking) - BRI Mall Boemi Kedaton (MBK)	3 Juli - 7 Agustus 2023	Teller Bank: 08.00-15.00 WIB E-Channel : 24 Jam BRI MBK : 10.00 - 17.00 WIB

Bandar Lampung, Juni 2023

Bagian Keuangan BUK
Universitas Lampung,

Catatan :
1. Bukti Pembayaran yang dikeluarkan oleh Bank melalui : Teller, ATM, Internet Banking, MBanking, dan E-Channel lainnya merupakan Bukti Pembayaran yang Sah.
2. Bagi Calon Pembayar yang belum terdaftar harap menghubungi bagian Keuangan/Loket UKT di Gedung Rektorat Universitas Lampung Lantai 1 atau email : pnbp.unila@gmail.com
3. Mahasiswa dapat mengajukan Keringanan dan Pembebasan UKT secara online melalui link : https://sikebas.unila.ac.id/dimulai tanggal 26Juni s.d 10Agustus 2023 (batas akhir pengajuan di SIKEBAS)

The Single Tuition Fee (UKT) at the University of Lampung can be paid through BNI Teller, ATM, and BNI Internet Banking. Here are the three methods for paying UKT at the University of Lampung.

1. To pay the Single Tuition Fee (UKT) at the University of Lampung (Unila) via BNI Teller
    a. Go to the nearest BNI branch.
    b. Ask the staff for instructions on how to pay UKT. Payment can be made in cash or via transfer.
    c. Inform the teller of the educational institution's name, which is Universitas Lampung, and the invoice number obtained from the campus administration.
    d. The teller will verify the payment information received from the Universitas Lampung student.
    e. If the data verification is correct, the student can proceed with the payment.
    f. After making the payment, the teller will provide a payment receipt to the student.
    g. Keep the receipt as proof that the student has paid the UKT.

2. Payment of UKT at Unila via ATM
    a. Visit the nearest ATM.
    b. Insert your ATM card and enter your PIN.
    c. On the main ATM screen, click the "Other Menu" option.
    d. Click the "Payment" option.
    e. Click the "Next Menu" option.
    f. Select "University," then choose "Student Payment Center" or SPC.
    g. If you want to view the institution code, select the "Institution Code" menu. After viewing the Universitas Lampung code, click "Menu Entry."
    h. Enter the Institution Code followed by the invoice number provided by the campus administration.
    i. A confirmation screen will appear with the amount of UKT to be paid. If the details are correct, click "Pay."

j. You will need to select the account type for the payment. Click on the "Savings" option.
k. After the transaction is successful, the ATM will print a payment receipt that can be kept by the student.

3. Payment of UKT at Unila via BNI Internet Banking
   a. Visit www.bni.co.id. Select Internet Banking Personal, then enter your User ID and Password.
   b. Choose the Transactions Menu, then Purchases/Payments, and select Payment.
   c. You will be prompted to enter the following details: service type, name of the university, invoice number, and the account number to be debited. After filling in the information, click Continue.
   d. a Confirmation notification will appear on the main screen. Enter the eight-digit number displayed into BNI E-secure, then click Pay.
   e. After the transaction is successful, save the payment receipt by choosing the file format to download.

F. Filling Out the Study Plan Card

Students who have completed administrative and academic registration are eligible to participate in educational activities for that semester. Therefore, students must plan their learning activities for the upcoming semester by filling out the Study Plan Card (KRS) online through the Universitas Lampung Academic Information System (SIAKAD) at http://siakad.unila.ac.id. The process for filling out the KRS is as follows:

1. Before filling out the KRS online, students must consult and obtain approval from their Academic Advisor regarding the courses and number of credits (SKS) they plan to take. This consultation can be done in person or through the online communication platforms provided by the university.

2. Students should log in to the SIAKAD account using their student ID number (NPM) and password. During the KRS submission period, the SIAKAD system

will display a list of available courses for that semester, including the names of the instructors, class schedules, and the remaining student capacity. Students can select the courses they wish to enroll in according to the approval from their Academic Advisor. The SIAKAD system will automatically limit the number of credits that can be taken based on the Grade Point Average (GPA) from the previous semester.

3. After students fill out their KRS, the Academic Advisor will provide online approval regarding the number of credits and courses based on the GPA achieved in the previous semester. This approval is a mandatory requirement before the KRS can be activated.

4. Students may cancel courses they have registered for during the current semester no later than the 8th week after classes start. This cancellation must be done with the approval of the Academic Advisor through the SIAKAD system.

5. Students can add a maximum of one course during the current semester no later than the 3rd week after classes start, provided that it does not exceed the maximum allowable study load for the semester. This addition must also be approved by the Academic Advisor.

The inclusion of courses in the KRS (Study Plan Card) grants students the right to participate in the Final Semester Exams (UAS). Students are only allowed to take the UAS for the courses listed in their KRS.

G. Lectures

At the first meeting or face-to-face session of each course, the lecturer will generally explain the course contract, which includes the course description, learning outcomes and indicators, the course schedule plan, teaching strategies, reference books, grading system, and the code of conduct and rules. Afterward, both the lecturer and students will sign the course contract, which outlines the frequency of assignments/LKM, quizzes, exams, and the minimum attendance and grading weight agreed upon by both parties. The course can be conducted through

direct face-to-face sessions or asynchronously, a combination of face-to-face and online learning.

Face to face Lectures

Direct Face-to-Face Lectures are conducted in available classrooms at the Faculty of Mathematics and Natural Sciences (FMIPA) at Yogyakarta State University (UNY). When attending lectures, students must arrive on time and adhere to the lecture regulations of the Faculty of Teacher Training and Education (FKIP) at the University of Lampung (UNILA), as well as the rules agreed upon in the course contract. Attendance for face-to-face lectures is recorded in writing and signed.

Lectures with E-Learning

Online lectures at the Department of Mathematics and Natural Sciences Education at the University of Lampung (UNILA) are conducted through the site https://vclass.unila.ac.id/. After logging in by entering their UNILA email account and password, users can select their courses. In each course, various files (videos, material summaries, handouts) are available for students to download. Students can also take quizzes online. Online lectures can also be combined with direct face-to-face lectures, known as the blended learning method.

H. Assessment and Exam

The learning assessment standard is the minimum criteria for evaluating the process and results of student learning in order to meet graduate learning outcomes. The assessment of the learning process and outcomes can take the form of quizzes, structured assignments, practical exams, midterm exams (UTS), final exams (UAS), and in-class observations. The assessment of structured assignments is conducted for various tasks outside lecture hours. In-class observations can evaluate students' abilities to ask questions, express opinions, and answer questions. Quizzes, midterm exams (UTS), and final exams (UAS) are conducted in written form; skills exams may be conducted through written tests or performance demonstrations, while the final project exam is conducted orally, except for practical exams.

The assessment of learning outcomes for students in the Department of Mathematics and Natural Sciences Education is expressed with letter grades and grade points: A (4), B+ (3.5), B (3), C+ (2.5), C (2), D (1), and E (0), or as stated below:

Final Grade	Letter Grade	Grade Point	Status
≥ 76	A	4	Passed
71-75	B+	3,5	Passed
66-70	B	3	Passed
61-65	C+	2,5	Passed
56-60	C	2	Passed
50-55	D	1	Passed
< 50	E	0	Failed

The final grade for each student can be accessed at https://siakadu.unila.ac.id/ by logging in with the student's Unila SSO account. Based on the final grade, the Semester Grade Point Average (GPA) can be determined as follows: the sum of letter grades converted to grade points multiplied by the number of credit hours for each course, divided by the total number of credit hours taken by the student in that semester. The GPA affects the number of credit hours a student can enroll in for the following semester. Students are expected to be aware of the maximum number of credit hours they can take in the next semester and to use their exam results to consider which courses to enroll in for the next semester.

I. Academic Leave

Academic leave is a postponement of a student's academic activities for a specific period, without the payment of tuition fees (UKT) and still counted as part of the study period. Students in the Department of Mathematics and Natural Sciences Education who have strong and valid reasons are entitled to take academic leave. Academic leave can be taken for a maximum of 2 (two) semesters and can be taken consecutively or non-consecutively.

Academic leave is proposed by the student to the Dean with the approval of the academic advisor and the head of the department/section for the study program

within the faculty. The requirements for submitting a leave request include submitting an application to the Dean along with:

a. The original student ID card
b. A copy of the tuition fee (UKT) payment receipt for the current semester.

The Dean submits the academic leave proposal to be administratively approved by the Rector.

J. Credit Transfer and Transfer Credits

The academic credit transfer program is the process of evaluating qualification components to determine overall/equivalence with other qualifications by consolidating comparable credits for academic achievement and individual performance in the form of lectures, internships, cultural programs, or research conducted by students from Unila to other universities, both domestic and international, or vice versa.

Requirements regarding credit programs or credit transfers, requirements for Unila students participating in credit transfer programs, requirements for students entering Unila through credit transfer programs, and the procedures for applying for credit transfers are detailed in the Rector's Decision of 2024 on Academic Regulations.

K. Community Service Program (KKN)

Community service activities or fieldwork can be conducted for a maximum of 2 (two) semesters, which are equivalently credited into several courses with a study load of up to 20 (twenty) credit hours per semester or 40 (forty) credit hours per year, according to the curriculum of each faculty’s study program. Community Service/Fieldwork Thematic is part of the university/faculty compulsory courses.

The procedures and requirements for registration and the qualifications for MBKM Community Service and Regular Thematic Community Service are further regulated in the KKN Guidelines, or can be accessed at https://kkn.unila.ac.id/.

L. Graduation and Commencement

To be declared graduated, an undergraduate student at UNILA must meet the following requirements:

a. The student is considered graduated if they have fulfilled both academic and administrative requirements.
b. The study program must establish graduate competency standards in accordance with the graduation standards set by the university based on the Dean's regulations.
c. Students who are declared graduated are entitled to receive a diploma and degree.

The graduation honors for students in the Department of Mathematics and Natural Sciences Education consist of **Satisfactory**, **Very Satisfactory**, and **Honors**. Students in the Department of Mathematics and Natural Sciences Education are awarded a graduation honor if they meet the following criteria:

a. **Satisfactory** if achieving a cumulative grade point average (GPA) of 2.76 to 3.00
b. **Very Satisfactory** if achieving a cumulative GPA of 3.01 to 3.50
c. **Honors** if achieving a cumulative GPA greater than 3.50 without any grades of C and/or D, with a maximum study period of 4 (four) years or 8 (eight) semesters for undergraduate programs, and 3 (three) years or 6 (six) semesters for diploma III programs.

Library Clearance Certificate (SKBP)

The Library Clearance Certificate must be obtained from the UNILA Library Services Unit (UPT Perpustakaan UNILA). Students can obtain this certificate online at https://library.unila.ac.id/about/surat-keterangan-bebas-perpustakaan-skbp/, after fulfilling the obligations of returning all books and uploading their final thesis manuscript.

Students who have met the graduation requirements are allowed to register for the graduation process, which is the process of determining grades and graduation status from all academic processes. Graduation can also be understood as the

announcement of grades to students as the final assessment of all courses taken, the establishment of grades on the academic transcript, and the determination of the student's graduation status. The graduation decision is made in a graduation meeting organized by the Faculty Senate and is issued in the form of a Dean's Decision.

The procedures for registering for graduation are as follows:

a. Students must complete the graduation requirements online through the SIAKAD 2019 account at https://siakadu.unila.ac.id/, including filling out all personal data, uploading a formal photo in traditional attire with a background color, and uploading documents such as the birth certificate, high school diploma, TOEFL certificate, PKKMB certificate, and parent information.
b. Students must enter their final project details in SIAKAD at https://siakadu.unila.ac.id/siakad/list_ta.
c. Students must prepare administrative documents at the Dean's Office, such as SKPI validation, parking clearance card, etc.
d. Students must print their thesis, which must be signed by the Head of the Department of Mathematics and Natural Sciences Education at UNILA.
e. Students must prepare documents such as the thesis defense minutes, grade recapitulation, and thesis approval and endorsement sheets signed and stamped by the Dean of FKIP UNILA.
f. Students must upload their thesis via https://bit.ly/akun_digilib.
g. Students must fill out the form at https://bit.ly/sebarskripsi.
h. Students who have met all requirements should obtain the graduation registration form from https://s.id/YudisiumFKIP.
i. Students fill out the graduation registration form and then check the verification status at https://s.id/cekStatus.
j. Students attend the graduation ceremony.

The graduation ceremony is organized by the faculty and must be attended by all students who have registered for that month. Graduation participants must arrive on time and dress according to the specified attire (Men: Long-sleeve batik shirt and

dark shoes; Women: National dress in purple with shoes). Participants who are unable to attend will be included in the next month's graduation ceremony.

Commencement is the final process in the academic activities at the university. As a formal recognition of completing their studies, a formal inauguration ceremony is held through an open senate meeting at UNILA. The university conducts graduation ceremonies four times a year; for more details, refer to the academic calendar available for download at https://bak.unila.ac.id/.

3 BACHELOR'S PROGRAM IN CHEMISTRY EDUCATION

A. Vision

To develop chemistry education based on everyday life phenomena, producing graduates who master theoretical concepts in chemistry as well as innovative and adaptive teaching methods in response to advancements in science and technology.

B. Mission

To fulfill this vision, the Bachelor's Program in Chemistry Education at the Faculty of Teacher Training and Education, University of Lampung, has the following four missions:

1. To provide high-quality education based on everyday life phenomena that aligns with advancements in science and technology.
2. To develop research in the field of chemistry education and learning that is creative, innovative, and adaptive to developments in science and technology.
3. To conduct community service in the field of chemistry education and learning.
4. To develop collaborative networks with relevant institutions.

C. Objectives

1. To produce graduates who master chemistry and high-level thinking skills.
2. To produce graduates who excel in teaching chemistry based on Everyday Life Phenomena in secondary schools, in line with advancements in science and technology.
3. To produce students who are capable of entrepreneurship based on chemical processes and developing innovative chemistry learning media.
4. To produce graduates who can conduct research in chemistry education aligned with developments in science and technology.

D. Graduate Profile

The profile of graduates from the Bachelor's Program in Chemistry Education at the Faculty of Teacher Training and Education, University of Lampung is as follows:

Graduate Profile	Specification
Chemistry Educators	Prospective chemistry teachers at the intermediate level who master theoretical concepts in chemistry in depth based on everyday life phenomena and their learning and have noble qualities and character.
Educational Researcher	Researchers in the field of chemistry education and learning who are creative and innovative in line with advances in science and technology
Laboratory staff	laboratory personnel in secondary schools
Learning Media Developer	Adaptive and innovative learning media developer.
Entrepreneurs	Entrepreneurs based on chemical processes

E. Graduate Competencies

The competencies of graduates from the Bachelor's Program in Chemistry Education at UNILA are defined in the following 12 Program Learning Outcomes (PLO) :

PLO 1	Mastering the theoretical knowledge of the core subject of chemistry including inorganic, organic and physical chemistry as well as of analytical chemistry; mastering knowledge about students, learning theory and methodology, principles, procedures and evaluation utilization.
PLO 2	Mastering the scientific method and knowledge of software to analyze and develop strategies for solving chemistry education problems; and to develop adaptive and innovative learning media.
PLO 3	Mastering the knowledge of product chemical processes, home industry, product management and marketing system.
PLO 4	Applying the basic concepts of science and mathematics in solving problems based on everyday life phenomena and can be applied in

	industry.
PLO 5	Analyze the relationship between material structure and dynamic properties, reactivity, energy and function in various chemical changes.
PLO 6	Select and apply appropriate separation and measurement methods qualitatively and quantitatively; to solve the problem; and analyzing the relationship between ecosystem principles and environmental ethics with chemistry.
PLO 7	Researching and compiling scientific papers based on analysis of information and research data and communicating them in an accurate, accountable, effective and communicative manner.
PLO 8	Designing chemistry lessons according to the competencies to be achieved, based everyday life phenomena, based on material characteristics, student characteristics and existing carrying capacity; with a constructive methodology based on science process skills, applying it, creating adaptive and innovative chemistry learning media, and conducting creative assessments in micro class and school.
PLO 9	Able to apply logical, critical, systematic, innovative thinking and examine the results of the development or implementation of science and technology to make decisions and solve problems in their field of expertise, based on the results of information and data analysis, application of humanities values based on scientific principles, procedures and ethics.
PLO 10	Able to maintain and develop a network with supervisors, colleagues, peers in producing valid and plagiarism-free thesis.
PLO 11	Applying religious values, good morals and ethics, nationalism, humanism, multicultural, and law enforcement in life and completing tasks; as citizens based on Pancasila and have social sensitivity.
PLO 12	Able to take responsibility for work in the field of expertise and entrepreneurship by applying academic values, norms and ethics.

F. Course Structure

Students are considered graduated and entitled to the title of Bachelor of Education (S.Pd.) in Chemistry upon completing the following study requirements.

SEMESTER 1

Number	Kode	Course	SKS	Status	Prerequisites
1	KIE620101	Basic Mathematics	2	W	
2	KIE620104	Basic Physics	3	W	
3	KIE620105	Basic Biology	3	W	
4	KIP620101	Foundations of Education	2	W	
5	KIP620103	Scout Education	1	W	
6	KKM620101	Fundamentals of Chemistry	4	W	
7	KKM620106	History of Chemistry	2	W	
8	UNI620101	Islamic Religious Education	3	W	
9	UNI620102	Catholic Religious Education	3	W	
10	UNI620103	Christian Religious Education	3	W	
11	UNI620104	Hindu Religious Education	3	W	
12	UNI620105	Buddhist Religious Education	3	W	
13	UNI620108	Pancasila Education	2	W	
14	UNI620109	Ethics and Local Wisdom Education	2	W	

SEMESTER 2

Number	Kode	Course	SKS	Status	Prerequisites
1	KIP620102	Educational Psychology	2	W	
2	KIP620104	Learning and Teaching	2	W	
3	KKM620102	High School Chemistry Class X	3	W	
4	KKM620103	Solution Chemistry	4	W	
5	KKM620104	Theory of Chemistry Learning	2	W	
6	KKM620107	English for Chemistry	2	W	
7	KKM620108	Chemistry Learning Based on Local Wisdom and Ethnoscience	2	W	
8	UNI620106	Indonesian Language Education	2	W	

9	UNI620107	Citizenship Education	2	W	

SEMESTER 3

Number	Kode	Course	SKS	Status	Prerequisites
1	KIP620201	Education Management	2	W	
2	KKM620105	Chemistry Learning Methodology	3	W	
3	KKM620201	Principles of Inorganic Chemistry	3	W	
4	KKM620202	Chemical Thermodynamics	4	W	
5	KKM620203	Alkanes and Their Derivatives	4	W	
6	KKM620204	High School Chemistry Class XI	3	W	
7	KKM620305	Professional English	2	W	
8	UNI620201	Entrepreneurship	3	W	

SEMESTER 4

Number	Kode	Course	SKS	Status	Prerequisites
1	KKM620206	Aromatic Compounds and Macromolecules	4	W	
2	KKM620207	High School Chemistry Class XII	3	W	
3	KKM620208	Qualitative and Quantitative Analysis Chemistry	4	W	
4	KKM620209	Chemistry Learning Assessment	3	W	
5	KKM620210	Elemental Chemistry	3	W	
6	KKM620211	Chemical Kinetics	4	W	
7	KKM620212	ICT-Based Chemistry Learning	3	W	

SEMESTER 5

Number	Kode	Course	SKS	Status	Prerequisites
1	KIE620201	Educational Statistics	3	W	
2	KKM620301	Analytical	4	W	

		Separation Chemistry			
3	KKM620302	Complex Compounds	2	W	
4	KKM620303	Structure and Function of Biomolecules	3	W	
5	KKM620304	Chemistry Learning Design	3	W	
6	KKM620306	Quantum Chemistry	2	W	
7	KKM620307	Organic Reaction Mechanisms	2	W	
8	KKM620308	Management of School Chemistry Laboratories	2	W	
9	KKM620314	Medicinal Chemistry	2	P	
10	KKM620316	Production and Utilization of Media	2	W	
11	KKM620321	Development of Green Chemistry-Based Experiment Procedures	2	P	
12	KKM620323	Practical in Elemental Chemistry	1	W	
13	KKM620405	Geochemistry	2	P	
14	KKM620426	Food Chemistry	2	P	

SEMESTER 6

Number	Kode	Course	SKS	Status	Prerequisites
1	KKM620309	Chemical Bonding	2	W	
2	KKM620310	Chemical Processes in Metabolism and Genes	2	W	
3	KKM620311	Educational Research Methodology	3	W	
4	KKM620312	Microteaching	3	W	
5	KKM620313	Instrumental Chemistry	3	W	
6	KKM620315	Environmental Chemistry	2	W	

7	KKM620317	Chemo-Education Media	2	P	
8	KKM620319	Computational Chemistry	2	P	
9	KKM620320	Development of School Laboratory Practicals	2	P	
10	KKM620322	Field Work	1	P	
11	KKM620330	Radiochemistry	2	P	
12	KKM620331	Chemistry Enthusiasm	2	P	
13	KKM620332	Polymer Chemistry	2	P	
14	KKM620333	Industrial Chemistry	2	P	

SEMESTER 7

Number	Kode	Course	SKS	Status	Prerequisites
1	KIP620401	School Field Introduction (PLP) I	1	W	
2	KIP620402	School Field Introduction (PLP) II	3	W	
3	KKM620409	Proposal Seminar	1	W	
4	KKM620410	Results Seminar	1	W	
5	KKM620411	Thesis	4	W	
6	UNI620407	Thematic Community Service (KKN)	3	W	

G. Educational Internship

An internship/practical work is a collaborative program between UNILA and the industry within the Bachelor's program (S1), where students can work in the industry according to their field of study or competencies. Internships in business, industry, or the workplace are conducted for at least 1 (one) semester or equivalent to 20 (twenty) credit hours, and at most 2 (two) semesters or equivalent to 40 (forty) credit hours. The Internship/Practical program is regulated according to the field of study or competencies and is adjusted and arranged in the curriculum of each faculty's study program.

The conversion of the outcomes of an internship in business, industry, or the workplace is evidenced by a report on the learning outcomes outside the study program, signed by the field practice supervisor (PPL), academic advisor (DPL), and the lecturer in charge of the course. Further details regarding the implementation of internships/practical work are regulated by the Rector's regulations or can be accessed at https://mbkm.unila.ac.id/.

H. Final Project

The final project (thesis) for students in the Bachelor's Program in Chemistry Education is a compulsory course that involves writing a scientific paper reflecting the student's ability to conduct scientific research and thinking processes. This course is worth 4 credit hours and is taken in the fourth year.

The process of preparing the thesis in the Bachelor's Program in Chemistry Education is closely linked to the Research Methodology course (KKM620311), which provides the foundational skills for literature review, research, and scientific writing. Students who have met the prerequisites for taking the thesis (110 credit hours with a minimum GPA of 2.00) then propose a topic, which must be approved by the Academic Advisor (PA) and the head of the study program/department/section. The program head then reviews the application; it may be rejected if there is duplication or if it is not relevant to the study program's field, or if academic and administrative requirements are not met.

Students consult with the advisory committee after receiving approval from the head of the study program and the program head's consent. Then, students prepare their final project, conduct a proposal seminar, present results, and take exams. Students revise the final project based on feedback from the examination team and submit the revised project, approved by the advisory committee and examination team, in both printed and electronic formats to the advisory committee, study program, and the UNILA Central Library. The final project must be completed within 6 (six) months from the issuance of the decree, with a possible extension of 2 (two) months.

Complete guidelines for writing/preparing the final project are further detailed in the Rector's regulations and can be downloaded from the Academic and Student Affairs Bureau (BAK) website at https://bak.unila.ac.id/download/buku-panduan-penulisan-karya-ilmiah-universitas-lampung/.

4 STUDENT ACTIVITIES AND ORGANIZATIONS

To support personal development, especially in soft skills, Lampung University (UNILA) offers a variety of activities and organizations, at the department, faculty, and university levels.

A. Activities and Organizations at the Department Level

The Exact Sciences Education Student Association, commonly known as Himasakta, is one of the organizations at the faculty level within the FKIP UNILA, encompassing students from the PMIPA Department of FKIP UNILA. Through Himasakta, it is hoped that students can channel their talents and interests, as well as serve as facilitators for fellow students to develop their knowledge and strengthen connections among students in the PMIPA Department.

B. Activities and Organizations at the Faculty Level

Student activities and organizations at the Faculty of Teacher Training and Education (FKIP) at UNILA include the Student Advisory Council (DPM) and the Student Executive Board (BEM) FKIP.

Regarding student interests and talents, there are several student activity units (UKM):

1. FPPI FKIP UNILA (https://www.instagram.com/fppifkip_unila)
2. KSS FKIP UNILA (https://www.instagram.com/ukmfkss.unila)

The secretariat of the above-mentioned organizations is located in the complex FKIP UNILA.

C. Activities and Organizations at the University Level

The Student Executive Board (BEM), the Student Representative Council (DPM), and the Student Consultative Assembly (MPM) are student organizations at the University of Lampung. In addition, to accommodate students' interests, talents,

and achievement development, there are several Student Activity Units (UKM) at the university level that can be grouped based on their scope as follows:

Field of Reasoning

Student development and growth in extracurricular activities within the field of reasoning are intended to enhance the quality of students, so that as academic individuals, they possess high reasoning abilities, are responsive to various phenomena and events that arise in their surroundings, can argue in a rational and objective manner, and are receptive to the opinions of others. Additionally, as future intellectuals, they should master science, technology, and the arts with a multi-dimensional perspective.

The types of student development and growth in the field of reasoning include the following activities:

1. Outstanding Student Competition
2. Student Scientific Writing Competition
3. Student Creativity Program
4. Student Management Skills Training
5. Seminars, Discussions, Symposiums, General Lectures, and so on.

Field of Arts

The development of student creativity and potential in the field of arts is carried out by UNILA through the following Student Activity Units:

1. Student Activity Unit in the field of arts
2. Student Activity Unit -BS
3. Student Choir

Field of Sports

Student sports development at the university level is carried out through sports student activity units (UKM). At Unila, there are 16 UKMs, including: soccer, volleyball, basketball, softball, tennis, table tennis, judo, karate, pencak silat, athletics, fencing, bridge, badminton, chess, and swimming. Every two years, the National Student Sports Week (POMNAS) is held.

Field of Well-being and Special Interests

Student development in this field is a means to enhance the well-being of students, both physically and mentally, as well as to nurture the specific interests they have.

1. Student Activity Unit Unit Kegiatan Kerohanian Islam (UKKI)
2. Student Activity Unit Persekutuan Mahasiswa Kristen (PMK)
3. Student Activity Unit Ikatan Keluarga Mahasiswa Katolik (IKMK)
4. Student Activity Unit Keluarga Mahasiswa Hindu Dharma (KMHD)
5. Student Activity Unit Pramuka Racana WR. Supratman dan Racan Fatmawati
6. Student Activity Unit Korps Sukarelawan Palang Merah Indonesia (KSR-PMI)
7. Student Activity Unit Resimen Mahasiswa (Menwa) “Pasopati”
8. Student Activity Unit Koperasi Mahasiswa “Kopma UNY”
9. Student Activity Unit Kewirausahaan (KWU)

D. Inter-University Activities and Organizations

There are inter-university chemistry student organizations that can serve as a means to expand connections and gain experiences for students, such as:
Himpunan Mahasiswa Kimia (HIMAKI) https://kimia.fmipa.unila.ac.id/himaki/

5 SUPPORTING FACILITIES

Supporting facilities that can be accessed/utilized by students of the Chemistry Education Study Program at UNILA in accordance with the applicable regulations include the following.

A. Library

The Library and Information Technology Unit (UPT Perpustakaan) of the University of Lampung (UNILA) provides various services for both the UNILA academic community and the general public outside of UNILA. Access to the UNILA Library website can be done through the site https://library.unila.ac.id/, Direct access can be obtained at the Library building, which is located approximately 900 meters from the Department of Science Education, Faculty of Teacher Training and Education, UNILA.

UNILA Library has also introduced the latest Android application for the UNILA Library. Students who wish to borrow and read electronic books (ebooks) can install the app from the Play Store by searching for “Digital Library University of Lampung” or through the following link https://play.google.com/store/apps/details?id=id.kubuku.kbk12675c6.

Library services for the academic community of the Department of Science Education at UNILA are also provided by the PMIPA Faculty Library, commonly referred to as the 'Reading Room,' located on the first floor of Building G, FKIP UNILA. All students of the Department of Science Education are automatically registered as members of this library.

B. Sports Facilities

The University of Lampung (UNILA) campus has a variety of sports facilities that are quite comprehensive and can be utilized by students according to regulations, such as:

1. Swimming Pool

2. Judo Training Hall
3. Volleyball Court
4. Basketball Court
5. Jogging Track
6. Soccer Field
7. Tennis Court
8. Hockey Field

C. Worship Facilities

Masjid Al-Wasi'i at UNILA can accommodate 6,000 to 8,000 worshippers and is located 500 meters from the Department of Science Education, FKIP UNILA. Additionally, there is Masjid 'Ulul Albab, which can accommodate around 50 worshippers and is situated within the Faculty of Science Education complex at UNILA.

Places of worship for various religions are not hard to find around the UNILA campus. For example, there is Vihara Virya Paramita in Sepang Jaya, GKPA Church in Kp. Baru, St. John the Apostle Catholic Parish Church in Kedaton, Bhuana Santhi Temple in Labuhan Dalam, and others.

D. Student and Multicultural Center (SMC)

The Student and Multicultural Center (SMC) at UNILA, commonly referred to as the Graha Kemahasiswaan Building, is the central hub for student activities at UNILA, providing ample space for creativity and interaction among students. In addition to spaces for university-level student organizations such as BEM and UKM, the building has three floors. The first and third floors include secretarial rooms, restrooms, and a shared storage area for UKM. The second floor contains two auditoriums and additional restrooms. This facility is located 1 km from the Department of Science Education, FKIP UNILA.

E. Banking Facilities

A number of banks have branch offices or cash counters on the University of Lampung (UNILA) campus, including Bank BNI (approximately 650 meters southwest of the Chemistry Education Study Program/Department of Science Education, FKIP Faculty), Bank Lampung, and Bank BRI (approximately 450 meters northwest of the Chemistry Education Study Program/Department of Science Education, FKIP Faculty), both located on Jalan Prof. Dr. Ir. Soemantri Brojonegoro. Additionally, there are ATM machines for BNI, Mandiri, BSI, BTN, Bukopin, and Bank Lampung around UNILA, located to the west of the Chemistry Education Study Program/Department of Science Education, FKIP Faculty.

F. Food and Daily Needs

The mini market of Koperasi **KOPMA UNILA** is a student cooperative operating as a consumer cooperative, providing various student needs including Ukm Mart, Kopma Digital, Kopma Wear, Kopma Florist, and Kopma Cellular. It is located at Jalan Prof. Dr. Ir. Soemantri Brojonegoro No. 1, Graha Building The student cooperative is located on the first floor, approximately 450 meters northwest of the Chemistry Education Study Program/Department of Science Education, FKIP Faculty, UNILA.

UNILA Mart is a two-story mini market located 400 meters to the north of the Chemistry Education Study Program/Department of Science Education, FKIP Faculty, UNILA. UNILA Mart provides various needs for students, including food, drinks, daily necessities, staple goods, stationery, and electronic items such as irons and fans.

Edufun FKIP UNILA Is a dining and drinking spot that is ideal for gathering and discussing among students, equipped with a Wi-Fi area. It is located 140 meters to the northwest of the Chemistry Education Study Program/Department of Science Education.

Food Court FISIP UNILA is a building that houses several food vendors. The Food Court at FISIP UNILA offers a variety of food and drinks with a local theme, tailored to the millennial generation, and features a clean and comfortable environment. It is located 700 meters to the north of the Chemistry Education Study Program/Department of Science Education, FKIP Faculty, UNILA. The Food Court at FISIP operates with a zero-plastic and self-service concept: come, order, pay, eat, and return the utensils.

G. Accommodation

Wisma UNILA is an accommodation located around UNILA on Jalan Prof. Dr. Ir. Soemantri Brojonegoro, directly to the southwest of the Chemistry Education Study Program/Department of Science Education, FKIP Faculty. This accommodation offers good facilities and services at affordable prices and can be rented on a nightly basis.

RUSUNAWA UNILA is a three-story dormitory building located around UNILA on Jalan Prof. Dr. Ir. Soemantri Brojonegoro, directly to the northwest of the Chemistry Education Study Program/Department of Science Education, FKIP Faculty. UNILA Dormitory (Rusunawa) consists of three buildings: one building specifically for male students and two buildings for female students. UNILA Dormitory offers complete facilities, including sports areas, 24-hour security, and free Wi-Fi.

H. Health Facilities

The University of Lampung Clinic is a technical unit responsible for providing affordable and quality health services to students, faculty, staff, and the community, as part of the university's commitment to the tri-dharma of higher education. The services offered include health examinations and doctor consultations, maternal and child health check-ups, laboratory tests, dental care, chronic disease management programs (Prolanis), and emergency or non-emergency medical care. The clinic can be contacted via phone at 0822-6900-3336 or 0721-770294. It is located approximately 220 meters north of the Chemistry Education Study

Program/Department of Science Education, FKIP Faculty. The clinic operates from 08:00 to 16:00 WIB and is staffed by professional medical personnel.

For students who need emergency services and inpatient care, there are several hospitals around UNILA, including:

1. **RSUD Abdoel Moeloek**, Dr. Rivai, Street, Tanjung Karang Pusat, Bandar Lampung (approximately 4.3 km from FKIP UNILA).
2. **RS Advent**, Teuku Umar Street, Kedaton, Bandar Lampung (approximately 3.4 km from FKIP UNILA)
3. **RS Urip Sumoharjo**, Urip Sumoharjo Street, Way Halim, Bandar Lampung (approximately 4.4 km from FKIP UNILA)
4. **RS Bhayangkara Polda Lampung**, Pramuka Street, Rajabasa, Bandar Lampung (approximately 2.6 km from FKIP UNILA)
5. **RS Belleza Kedaton**, Sultan H Street. Labuhan Ratu, Kedaton, Bandar Lampung (approximately 2.1 km from FKIP UNILA)
6. **RS Pertamina Bintang Amin**, Pramuka Street, Rajabasa, Bandar Lampung (approximately 3.3 km from FKIP UNILA)
7. **RSIA Puri Betik Hati**, Pajajaran Street, Way Halim, Bandar Lampung (approximately 3.8 km from FKIP UNILA)

I. Counseling, Career Guidance, and Law

Counseling services and psychological well-being for the academic community at UNILA are provided by the Integrated Counseling Services Unit (UPKT). This service can be accessed online through https://fkip.unila.ac.id/konseling-online-bersama-unit-pelayanan-konseling-terpadu-upkt-fkip-unila/ Online services are available every Monday to Friday from 08:00 AM to 09:00 PM WIB.

Career development, including employment information, career guidance and counseling, as well as tracer studies, is provided by the Center for Career and Entrepreneurship (CCED) at UNILA through https://cced.unila.ac.id/ In addition, CCED UNILA also assists with the absorption of graduates into the workforce – having the task of preparing graduates according to their competencies and fostering students' and alumni's interest in and culture of entrepreneurship. In

carrying out its duties, the Career and Entrepreneurship Development Unit (UPT Pengembangan Karir dan Kewirausahaan) performs the following functions: Planning, implementation, control, and reporting of tracer studies and graduate data collection; Planning, implementation, control, and reporting of student development through training to enhance entrepreneurship; Planning, implementation, and control of recruitment, development, and career counseling.

UNILA also has the UNILA Legal Consultation and Assistance Service (BKBH), which can be found in the program profile, and more information about this service can be accessed through the website https://fh.unila.ac.id/bkbh/

J. Bookstore

UNILA publications can be purchased at the Gramedia Bookstore in Bandar Lampung, located at Jalan Raden Intan No. 63. General publications can be found at several bookstores around UNILA, such as Gramedia Kedaton, Rumah Buku Prima, and Fajar Agung.