



MBKM GUIDELINES

Independent Learning Independent Campus
Chemistry Study Program



**PROGRAM STUDI KIMIA
FAKULTAS SAINS DAN TEKNOLOGI
UIN SUNAN KALIJAGA YOGYAKARTA**

MBKM GUIDE
CHEMISTRY STUDY
PROGRAM
UIN SUNAN KALIJAGA

Independent Learning – Independent Campus Policy (MBKM) is a government program intended to give opportunities for students to acquire experience outside their Study Program whether inside or outside the campus. The essence of MBKM policy is to encourage students to master various knowledge useful to enter the workforce through the provision of rights to get the best experience from outside the study program.

The policy was created due to the main problems in Indonesian higher education, namely the low quality of graduates (quality), problem of educational access equality (equity), and the absence of link and match between the graduate competence with the competence required by work.

The MBKM program is implemented in 8 (eight) learning forms, namely Student Exchange, Internship/Work Practice, Teaching Assistance in Education Unit, Research, Humanitarian Project, Entrepreneurships Activities, Independent Study/Project, and Village Development/Thematic Real Work Lecture.

The Chemistry Study Program of the UIN Sunan Kalijaga Yogyakarta is committed to implementing the MBKM. To ensure that the MBKM policy can be implemented in a smooth manner and conforms to the quality standard, the Chemistry Study Program MBKM Guidelines is necessary. This technical guideline is written to facilitate all interested parties in implementing MBKM policy in the Chemistry Study Program of UIN Sunan Kalijaga Yogyakarta.

We offer our gratitude to all parties who have provided suggestions, feedback, and thoughts to realize this guideline. May this guideline give benefit for all of us in the implementation of the MBKM policy in the Chemistry Study Program of the UIN Sunan Kalijaga Yogyakarta.

TABLE OF CONTENTS

INTRODUCTION	iii
TABLE OF CONTENTS	iv
I. INTRODUCTION	1
A. Background	1
B. Legal Foundation	1
C. MBKM Objective	2
II. GENERAL PROVISION	3
A. MBKM Definition	3
B. MBKM Conversion	3
C. General Provision	6
III. STUDENT EXCHANGE	8
A. Definition	8
B. Special Provision	8
C. Student Exchange Partner	8
D. Expense	8
IV. VILLAGE DEVELOPMENT	9
A. Definition	9
B. Special Provision	9
C. Procedure	9
D. Partner/Place of Activity	10
E. Expenses	10
V. INTERNSHIP	12
A. Definition	12
B. Special Provision	12
C. Procedure	12
D. Partner/Place of Activity	13
E. Expenses	13
VI. RESEARCH	14
A. Definition	14
B. Special Provision	14
C. Procedure	14
D. Partner/Place of Activity	15
E. Expenses	15
VII. HUMANITARIAN PROJECT	16
A. Definition	16
B. Special Provision	16
VIII. ENTREPRENEURSHIPS	17
A. Definition	17
B. Special Provision	17

IX. INDEPENDENT STUDY/PROJECT	18
A. Definition	18
B. Special Provision	18
Attachment 1. Application Letter Example	19
Attachment 2. Internship Location Outline Example	20
Attachment 3. Village Development Location Survey Outline Example	21
Attachment 4. Research Location Survey Outline Example	22
Attachment 5. Verification Form	23

A. Background

Independent Learning – Independent Campus Policy (MBKM) is a government program intended to improve the graduates' competence, soft skills as well as hard skills, to be more prepared and relevant with the requirements of the era. In addition, the MBKM policy also prepares the graduates as the superior and character future leader of the nation. The essence of MBKM policy is to encourage students to master various knowledge useful to enter the workforce through the provision of rights to get the best experience from outside the study program.

Kampus Merdeka is the learning manifestation in UIN Sunan Kalijaga Yogyakarta that is autonomous and flexible to create a learning culture that is innovative, not restrictive, and relevant to the student's needs. Such a culture must be demanded and is necessary because students must be able to face changes in social, cultural, work, and rapid technological changes. It means that the students' competence must be prepared as early as possible to make them more responsive to the needs of the era where link and match principles are necessary not only in the industrial and work world, but also with the continuous, rapidly changing future.

In this context, UIN Sunan Kalijaga Yogyakarta is demanded to be able to design and implement innovative learning so that the students may achieve good learning in terms of attitude, knowledge, and skills in an optimum manner, as well as its relevance with the real life. In addition to the innovative learning, UIN Sunan Kalijaga is also demanded to be able to develop learning that provides challenges and opportunities for development in creativity, capacity, and independence in finding knowledge through reality and field dynamics.

To ensure that the MBKM policy can be implemented in a smooth manner and conforms to the quality standard, Uin Sunan Kalijaga formulates the Technical Guidelines for the Implementation of Merdeka Belajar-Kampus Merdeka. This technical guideline is written to facilitate all interested parties (civitas academica) in implementing the MBKM policy.

B. Legal Foundation

Merdeka Belajar – Kampus Merdeka is one of the policies from Nadiem Makariem, the Minister of Education and Culture. One of the programs in the policy is the Rights of Three Semester Learning Outside the Study Program. The program is a mandate from various regulations/legal foundations for higher education to elevate qualities of higher education learning and graduates. The legal foundations for the implementation of the program are:

1. Law No. 20 Year 2003 in the National Education System.
2. Law No. 12 Year 2012 on Higher Education.
3. Law No. 6 Year 2014 on Village.
4. Government Regulation No. 04 Year 2014 on the Implementation and Management of Higher Education.
5. Presidential Regulation No. 8 Year 2012 on KKN.
6. Regulation of the Minister of Village, Development of Disadvantaged Regions, and Transmigration No. 11 Year 2019 on the Priority of the Utilization of the Village Fund Year 2020.
7. Regulation of the Minister of Village, Development of Disadvantaged Regions, and Transmigration No. 16 Year 2019 on the Village Discussion.

8. Regulation of the Minister of Village, Development of Disadvantaged Regions, and Transmigration No. 17 Year 2019 on General Guide for Development and Empowerment of Village Community.
9. Regulation of the Minister of Village, Development of Disadvantaged Regions, and Transmigration No. 18 Year 2019 on General Guide for Assistance for Village Community.
10. Rector Letter of Decree No. 143.8 Year 2021 on Guide for Implementation of MBKM Curriculum Implementation of UIN Sunan Kalijaga.

C. MBKM Objective

The objective of “the rights of three semester of learning outside the study program” in the MBKM is to elevate the graduates’ competence, hard skills as well as soft skills, to be more prepared and relevant with the needs, and to prepare the graduates as a superior and exemplary future leader of the nation. It is expected that the experiential learning programs, conducted in a flexible way, will facilitate students in developing their potential according to their passion and talent.



II. GENERAL PROVISION

A. MBKM Definition

The MBKM program is a program proclaimed by the Minister of Education and Culture intended to encourage students to master various knowledge as a preparation to enter the workforce. With this policy, Kampus Merdeka provides the opportunity for students to choose courses. Students are provided the opportunity to take courses outside the study program in the same higher education institution; to take courses in the similar study program in different higher education institutions; to take courses in different study programs in different higher education institutions; and/or learning outside the higher education institution. The learning forms according to the Regulation of the Minister of Education and Culture Number 3 Year 2020 Article 15 verse 1 can be done inside the study program and outside the study program including Internship, Students Exchange, Learning Assistance, Research, Humanitarian Project, Independent Project, and Village Development.

B. MBKM Conversion

In addition to the Islam-Science integration-interconnection paradigm and OBE (Outcome-Based Education), the 2020 curriculum of the Chemistry Study Program of UIN Sunan Kalijaga also holds the MBKM paradigm as a mandate of the Regulation of the MEOC No. 3 Year 2020 Article 18. The regulation mentions that to satisfy the learning period and load for bachelor or applied bachelor students through MBKM, students have the opportunity of 1 (one) semester or equal to 20 (twenty) SKS of learning outside the study program in the same higher education institution and a maximum of 2 (two) semesters or equal to 40 (forty) SKS of learning in the same study program in a different higher education, learning in a different study program in a different higher education, and/or learning outside the higher education.

The implementation of the MBKM curriculum of the Study Program of Chemistry of UIN Sunan Kalijaga starts from the 2022/2023 academic year where students can take MBKM activities in semesters 5, 6, and 7 as shown in the curriculum map of the Study Program in Figure 2.1. In semester 5, students can take the MBKM program inside UIN Sunan Kalijaga (internal outbound) according to [Rector Decree No. 123.4 yr. 2022](#) Stipulation of MBKM Courses of UIN Sunan Kalijaga. In semesters 6 and 7, students can take MBKM programs outside UIN Sunan Kalijaga (*outbound external*). All selection of MBKM activities, internal and external alike, in UIN Sunan Kalijaga must secure the approval from the Academic Advisory Lecturer (Dosen Pembimbing Akademik/DPA).

Dalam Prodi (88)					Dalam UIN (20)		Luar UIN (40)				Dalam Prodi (2)				
I	II		III		IV		V		VI		VII		VIII		
Pengantar Studi Islam	4	Ulum Al-Quran	2	Islam dan Sains	2	Kimia Bahan Halal	2	Minor/Pilihan	2	Riset	20	Riset	20	Tugas Akhir	2
Peradaban Islam	2	Ulum Al-Hadis	2	Islam dan Ilmu Sosial Humaniora	2	Pengawasan dan Penjaminan Mutu	3	Minor/Pilihan	2	Magang	4-20	Magang	4-20		
Pancasila	2	Kewarganegaraan	2	Struktur dan Fungsi Biomolekul	2	Bioenergetika dan Metabolisme	2	Minor/Pilihan	2	KKN Tematik	4-20	KKN Tematik	4-20		
Bahasa Indonesia	2	Struktur Senyawa Anorganik	2	Dasar Reaksi Anorganik	3	Praktikum Biokimia	1	Minor/Pilihan	2	Proyek Independent	4-20	Proyek Independent	4-20		
Bahasa Inggris	2	Praktikum Struktur Senyawa Anorganik	1	Praktikum Dasar Reaksi Anorganik	1	Karakterisasi Struktur Senyawa Anorganik	2	Minor/Pilihan	2	Proyek Kemanusiaan	4-20	Proyek Kemanusiaan	4-20		
Matematika Sains	2	Kimia Analitik Dasar	2	Kimia Analitik Lanjut	3	Kromatografi Analitik	2	Minor/Pilihan	2	Praktek Wirausaha	4-20	Praktek Wirausaha	4-20		
Kimia Dasar	5	Struktur dan Ikatan Kimia	2	Praktikum Kimia Analitik	1	Spektroskopi Analitik	2	Minor/Pilihan	2	Pertukaran Pelajar	0-20	Pertukaran Pelajar	0-20		
Praktikum Kimia Dasar	1		Kimia Pemisahan	2	Praktikum Instrumen	1	Minor/Pilihan	2	Minor/Pilihan	0-20	Minor/Pilihan	0-20			
Kimia Organik Dasar	3	Praktikum Kimia Organik Dasar	1	Kimia Lingkungan	2	Pengelolaan Limbah	2	Minor/Pilihan	2						
		Mekanisme Reaksi Organik	2	Sintesis Senyawa Organik	2	Elusidasi Struktur Senyawa Organik	2	Minor/Pilihan	2						
		Praktikum Mekanisme Reaksi	1	Kinetika Kimia	2	Praktikum Kinetika Kimia	1								
		Termodinamika Kimia	3	Praktikum Termodinamika	1	Metodologi Penelitian	2								
	23		20		23		22		20		20		20		2

Description:






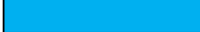





	MK Universitas		MK Kimia Anorganik		Merdeka Belajar dalam UIN
	MK Umum Kimia		MK Kimia Analitik		Merdeka Belajar luar UIN
	MK Kimia Fisik		MK Biokimia		Skema Tugas Akhir
	MK Kimia Organik		MK Minat Profil Lulusan		

Figure 2. 1 Curriculum map of the Study Program of Chemistry based on the chemistry core science, graduates' profiles, and Kampus Merdeka

The MBKM program enrolled by the students with the approval from the Study Program and the DPA will be converted into courses as shown in table 2.1.

Table 2.1 Conversion of MBKM alternative courses implementation of the Chemistry Study Program 2020 curriculum

No	Conversion Course Name	SKS	Equivalent MBKM Program						
			Student Exchange	Research	Internship	Entrepreneurship	Village Development	Independent Project	Humanitarian Project
Conversion SKS max			20	20	20	20	20	20	20
1	Solid Substance Chemistry	2	✓	✓				✓	
2	Material Chemistry	2	✓	✓				✓	
3	Coordinate Chemistry	2	✓	✓				✓	
4	Catalyst Chemistry	2	✓	✓				✓	
5	Surface Chemistry	2	✓	✓				✓	
6	Enzymology	2	✓	✓				✓	
7	Biotechnology	2	✓	✓	✓	✓	✓	✓	✓
8	Applied Biochemistry	2	✓	✓	✓		✓	✓	✓
9	Natural Materials Chemistry	2	✓	✓	✓		✓	✓	
10	Alternative Energy	2	✓	✓	✓	✓	✓	✓	✓
11	AMDAL	2	✓	✓	✓	✓	✓	✓	✓
12	Green Chemistry	2	✓	✓			✓	✓	
13	Environment Toxicology	2	✓	✓	✓	✓	✓	✓	✓
14	B3 Chemistry	2	✓	✓	✓			✓	✓
15	Lab Technique and Management	2	✓	✓	✓			✓	
16	Chemometrics	2	✓	✓	✓			✓	
17	Entrepreneurship	2	✓	✓	✓	✓	✓	✓	✓
18	Industrial Chemistry	2	✓	✓	✓	✓	✓	✓	✓
19	Computational Chemistry	2	✓	✓				✓	
20	Drug Design and Docking	2	✓	✓				✓	
21	Electrochemistry	2	✓	✓	✓			✓	

No	Conversion Course Name	SKS	Equivalent MBKM Program						
			Student Exchange	Research	Internship	Entrepreneurship	Village Development	Independent Project	Humanitarian Project
Conversion SKS max			20	20	20	20	20	20	20
22	Core Chemistry and Radiochemistry	2	✓	✓				✓	✓
23	Food Quality Control	2	✓	✓	✓	✓	✓	✓	
24	Food Material Chemistry	2	✓	✓		✓		✓	
25	Food Biotechnology	2	✓	✓	✓			✓	
26	Food Technology	2	✓	✓	✓	✓	✓	✓	
27	Halal Guarantee Practicum	2	✓	✓	✓	✓	✓	✓	✓
28	Halal Material Analysis	2	✓	✓	✓			✓	✓
29	Medical Chemistry	2	✓	✓				✓	✓
30	Halal Issue & Cases Studies	2	✓	✓	✓	✓	✓	✓	✓
31	Research	4		✓					
32	Internship	4		✓	✓				
33	Entrepreneurial Practicum	4				✓			
34	Thematic KKN	4					✓		✓
35	Humanitarian Project	4					✓		✓
36	Independent Project	4					✓	✓	

C. General Provision

1. The MBKM activities are started in the AY 2022/2023 for 2020 students
2. The MBKM activities in semester 5 is the MBKM inside UIN Sunan Kalijaga Yogyakarta (internal), while the MBKM outside UIN Sunan Kalijaga Yogyakarta (external) can be conducted during semesters 6 and 7.
3. Participants are students who have been registered as the active student in the running semester (still required to fill KRS after DPA consultation)
4. Participants must have cumulative achievement index (IPK) of minimum 2.75 and have completed all courses in 1-4 (88 SKS)
5. Participants have the approval and Recommendation Letter from DPA and the Head of Study Program
6. Participants are qualified in a selection if required by the program
7. Faculty/UPPS prepare MoU with the partner

8. Faculty/Upps and the Study Program define the requirements and discuss the MBKM implementation rules with the partner
9. The Study Program conduct equivalency/conversion of courses with the learning activities outside the Study Program and inside UIN Sunan Kalijaga Yogyakarta
10. If there is a course/SKS unfulfilled from the learning activity outside the Study Program and outside of UIN Sunan Kalijaga Yogyakarta, the Head of Study Program/DPA formulates the additional load to complete the lack of SKS.
11. The Study Program determines the DPA for the MBKM activity

III. STUDENT EXCHANGE

A. Definition

Students exchange is an activity in which students take a class or a semester in an internal/foreign institution based on MoU. Score and SKS taken there will be made equal by respective institutions. The objective is to provide learning experience opportunities by fostering *soft skills* and *hard skills* in other higher education institutions.

B. Special Provision

1. The activity is conducted for students of semesters 5, 6, and 7. The semester 5 students can only enroll in it internally (inside UIN Sunan Kalijaga), while semester 6 and 7 students can enroll in it internally and externally (outside of UIN Sunan Kalijaga).
2. Participating students must be registered as active students in the running semester (still fills in the KRS).
3. Participating students have an IPK of a minimum of 2.75 and have completed all courses of the semesters 1-4 (88 SKS).
4. Participating students have secured approval and in possession of Recommendation Letter from DPA and the Head of Study Program (form attached).
5. Participating student has passed the selection if required by the partner
6. The Study Program conducts course conversion according to the course syllabus in which the student participates (See table 2.1.)
7. If the student's courses SKS is greater than the conversion course SKS, the latter will apply
8. If the student's SKS course is less than the conversion course SKS, the Study Program formulates additional load to complete the SKS

C. Student Exchange Partner

Currently there are 3 (four) Students Exchange programs available for students of the Study Program of Chemistry of UIN Sunan Kalijaga, namely:

1. Prince Songkhla University (PSU) Thailand, an MBKM cooperation in which students can take online courses.
2. FMIPA UNSOED, an MBKM cooperation for Nanomaterial, Surface Chemistry, and Solid Substance Chemistry courses (*outbound*) and Science Islami course (*inbound*).
3. PERMATAUIN, an MBKM PTKIN cooperation through application at permatauin.id. Completed courses are Mineralogy and Biomedical (*outbound*) and Food Product Quality Control and Food Material Chemistry (*inbound*).
4. IHIS UGM, an MBKM cooperation for the Halal Materials Chemistry.

D. Expense

Expenses for the student exchange are the responsibility of the participating students, university, partners, or other parties through a memorandum of understanding.

IV. VILLAGE DEVELOPMENT

A. Definition

Village Development is a form of education that provides learning experience for the students by living among the community outside the campus, and together with the community directly identify potentials and handle problems, where it is hoped that they will be able to foster village/area potentials and formulate solutions for problems arising in the village. The village development activity is expected to hone soft skills in partnerships, interdisciplinary (inter-competence) team work, and student leadership in managing development programs in rural areas.

B. Special Provision

1. This activity is available for students of semesters 6 and 7 who have passed all the courses of semesters 1-4 (88 SKS) and a minimum of 12 SKS or courses of choice with a minimum of IPK 2.75.
2. Participating students must be registered as active students in the running semester (still filled in the KRS).
3. Participating students must create an activity outline, namely the initial result report of field survey/observation/study about the destination including name, address, and general description of the location as well as the activity period, type, and data expected to be obtained from the activity result.
4. Participating students have secured approval and in possession of Recommendation Letter from DPA and the Head of Study Program (form attached).
5. This activity can be performed as a group, maximum of four persons and a cross-study program is allowed.
6. Participating student has passed the selection if required by the partner.
7. Students may participate in this activity in the form of Thematic KKN/Conversion according to the LPPM provision (See academic guide p. 37)
8. Time allocation for this activity is minimum 10,880 minutes, equals to 4 SKS including report preparation and creation.
9. Students may participate in this activity for more than 4 SKS (maximum 20 SKS), where 1 SKS equals (170 x 16 = 2720 minutes).
10. The maximum amount of activity per day is 480 minutes and 6 work days per week.
11. If a student participates in this activity for 6 months, which is 54.400 minutes (20 SKS), the data obtained can be processed and reported as Final Task (USK413002) in semester 8.
12. The Study Program conducts courses conversion according to the course syllabus in which the student participates (See table 2.1.).
13. If the student's course SKS is greater than the conversion course SKS, the latter will apply.
14. 14. If the student's KS course is less than the conversion course SKS, the Study Program formulates additional load to complete the SKS.

C. Procedure

1. If Village Development activity < 6 months

- a. Students create an application letter containing activity outline, addressed to Chemical MBKM Verification Team, known by the DPA.

- b. The Verification Team creates recommendations by filling in the verification form, and suggests DPL (3 days).
- c. The Study Program creates a recommendation letter to the partner (1 day).
- d. Student conducts activity and then consults DPL for report creation.
- e. Students create daily activity logbooks.
- f. The Verification Team prepares the exam schedule (maximum one semester after the activity completion).
- g. Exam score will determine conversion SKS.

2. If Village Development activity = 6 months

- a. Students prepare an application letter containing an activity outline addressed to the Chemistry MBKM Verification Team, known by the DPA.
- b. The Verification Team creates recommendations and fills in verification form (3 days).
- c. The Study Program creates a recommendation letter to the partner (1 day).
- d. Student conducts activity, then consults the DPA for the Final Task topic (undergraduate thesis).
- e. The DPA and the Study Program determine Undergraduate Thesis Advisor (DPS) maximum 2 weeks after the activity completion.
- f. Student consults DPS and Partner DPL until the proposal is approved (See Final Task Writing Guide)
- g. Student conducts proposal seminar (maximum 3 months after depart), online/offline if already completed the requirements (See academic guide p. 39)
- h. Student completes the activity and consults DPS for report creation.
- i. Students create daily activity logbooks.
- j. The DPS determines the student activity as feasible for conversion to 20 SKS and feasible to be proposed as the final task using the attached form. The DPS formulates additional load to complete the lack of SKS if the activity has not completed the 20 SKS load.
- k. Student takes Final Task (USK413004) in semester 8 and prepares final task report/undergraduate thesis (see Final Task Writing Guide)
- l. Student registers for Final Task Exam (*Munaqosyah*) if already completed the requirements (see academic guide p. 41)
- m. The Study Program determines the Final Task Exam schedule (*Munaqosyah*).

D. Partner/Place of Activity

Partner/place of activity of Village Building must satisfy the following requirements:

1. The Head of Village is willing to accept the student, proved by signing the memorandum of understanding as the place for activity.
2. If the village applies for the activity, the student attaches the proof of application.
3. If the activity is conducted for 2-6 months, the partner must have structured and publicized MBKM programs.

E. Expenses

Expenses for the Village Building activity are the responsibility of the participating students, university, partners, or other parties through a memorandum of understanding.

A. Definition

Internship activity is conducted in a company, non-profit organization, multilaterals, government, or start-up company. The internship program provides sufficient experience for students and experiential learning. During the program, students will obtain hard skills (skills, complex problem solving, analytical skills) and soft skills (profession/work ethics, communication, team work). While the industry gets talent where, if suitable, can be directly recruited that reduces costs of recruitment and initial/induction training.

B. Special Provision

1. This activity is available for students of semesters 6 and 7 who have passed all the courses of semesters 1-4 (88 SKS) and a minimum of 12 SKS or courses of choice with a minimum of IPK 2.75.
2. Participating students must be registered as active students in the running semester (still fills in the KRS).
3. Participating student must create activity outline, namely the internship participating student's initial result report for survey/observation/study about the intended institution/company, name, address, general description, laboratories will be used for the internship, period of internship as expected by the institution/company, types of work can be done in the institution/company, data expected to be obtained from the working.
4. Participating students have secured approval and in possession of Recommendation Letter from DPA and the Head of Study Program (form attached).
5. The activity can be conducted in a group, a maximum of three persons.
6. Participating student has passed the selection if required by the partner.
7. Time allocation for this activity is minimum 10,880 minutes, equals to 4 SKS including report preparation and creation.
8. Students may participate in this activity for more than 4 SKS (maximum 20 SKS), where 1 SKS equals (170 x 16 = 2720 minutes).
9. Maximum daily activity is 480 minutes and six workdays per week.
10. If a student participates in this activity for 6 months, which is 54.400 minutes (20 SKS), the data obtained can be processed and reported as Final Task (USK413002) in semester 8.
11. The Study Program conducts courses conversion according to the course syllabus in which the student participates (See table 2.1.).
12. If the student's course SKS is greater than the conversion course SKS, the latter will apply.
13. 14. If the student's KS course is less than the conversion course SKS, the Study Program formulates additional load to complete the SKS.

C. Procedure

1. If Internship activity < 6 months

- a. Students create an application letter that contains an activity outline, addressed to the Chemistry MBKM Verification Team, known by the DPA.
- b. The Verification Team creates recommendations by filling in the verification form and suggests DPL (3 days).

- c. The Study Program creates a recommendation letter to the partner (1 day).
- d. Student conducts activity and then consults DPL for report creation.
- e. Students create daily activity logbooks.
- f. The Verification Team prepares the exam schedule (maximum one semester after the activity completion).
- g. Exam score will determine conversion SKS.

2. If Internship activity = 6 months

- a. a. Students prepare an application letter containing activity outline addressed to The Chemistry MBKM Verification Team, known by the DPA.
- b. The Verification Team creates recommendations and fills in verification form (3 days).
- c. The Study Program creates a recommendation letter to the partner (1 day).
- d. Student conducts activity, then consults the DPA for the Final Task topic (undergraduate thesis).
- e. The DPA and the Study Program determine Undergraduate Thesis Advisor (DPS) maximum 2 weeks after the activity completion.
- f. Student consults DPS and Partner DPL until the proposal is approved (See Final Task Writing Guide)
- g. Student conducts proposal seminar (maximum 3 months after depart), online/offline if already completed the requirements (See academic guide p. 39)
- h. Student completes the activity and consults DPS for report creation.
- i. Students create daily activity logbooks.
- j. The DPS determines the student activity as feasible for conversion to 20 SKS and feasible to be proposed as the final task using the attached form. The DPS formulates an additional load to complete the lack of SKS if the activity is yet to fulfill the 20 SKS load.
- k. Student takes Final Task (USK413004) in semester 8 and prepares final task report/undergraduate thesis (see Final Task Writing Guide)
- l. Student registers for Final Task Exam (*Munaqosyah*) if already completed the requirements (see academic guide p. 41)
- m. The Study Program determines the Final Task Exam schedule (*Munaqosyah*).

D. Partner/Place of Activity

Partner/Place of Internship must satisfy the following requirements:

1. Is an institution having chemical-related resources compatible with the scope of internship?
2. It has legal standing.
3. If the internship is 2-6 months, the institution must have a structured and publicized MBKM program.
4. If the institution conducts recruitment, the student attaches the proof of open recruitment in the application.
5. If the institution is the party who applies, the student attaches the proof of application.

E. Expenses

Internship expenses are the responsibility of the participating student or the partner.

A. Definition

This activity is academic research on physics or related fields and conducted under the supervision of a lecturer or researcher. With this activity, students can develop critical thinking, which is necessary in many scientific disciplines in higher education. With critical thinking, students will be able to study, understand, and conduct better research methods.

For the **MBKM Research**, currently MBKM activities have been conducted with National Research and Innovation Agency (BRIN), Yogyakarta Leather, Rubber, and Plastic Agency (BBKPP), BATAN, and others where students can conduct research activity for the final task.

B. Special Provision

1. This activity is available for students of semesters 6 and 7 who have passed all the courses of semesters 1-4 (88 SKS) and a minimum of 12 SKS or courses of choice with a minimum of IPK 2.75.
2. Participating students must be registered as active students in the running semester (still fills in the KRS).
3. Participating students must create an activity outline, namely the activity initial plan, research topic, method, results, and period of activity.
4. Participating students have secured approval and in possession of Recommendation Letter from DPA and the Head of Study Program (form attached).
5. The activity can be conducted in a group, a maximum of 3 persons.
6. Participating student has passed the selection if required by the partner.
7. Time allocation for the activity is 6 months with daily activity per day 480 minutes and six workdays per week.
8. The activity will be converted into 20 SKS which equals 54,400 minutes, where 1 SKS equals to $(170 \times 16 = 2720)$ minutes).
9. Data obtained from the activity can be processed and reported as Final Task (USK413004) in semester 8.
10. The Study Program conducts courses conversion according to the course syllabus in which the student participates (See table 2.1.).
11. If the student's course SKS is greater than the conversion course SKS, the latter will apply.
12. 14. If the student's KS course is less than the conversion course SKS, the Study Program formulates additional load to complete the SKS.

C. Procedure

1. Students create an application letter containing activity outline, addressed to the Chemistry MBKM Verification Team, known by the DPA.
2. The Verification Team creates recommendations and fills in verification form (3 days).
3. The Study Program creates a recommendation letter to the partner (1 day).
4. Student conducts activity, then consults the DPA for the Final Task topic (Undergraduate Thesis) if the activity is for 6 months.
5. The DPA and the Study Program determine Undergraduate Thesis Advisor (DPS) maximum 2 weeks after the activity completion.

6. Students consult DPS and the partner DPL until the proposal is approved (see final task writing guide).
7. Student conducts proposal seminar (maximum 3 months after depart), online/offline if already completed the requirements (See academic guide p. 39)
8. Student completes the activity and consults DPS for report creation.
9. Students create daily activity logbooks.
10. The DPS determines the student activity as feasible for conversion to 20 SKS and feasible to be proposed as the final task using the attached form. The DPS formulates an additional load to complete the lack of SKS if the activity has not yet reached 20 SKS.
11. Students take Final Task (USK413004) in semester 8 and prepare the final task report/undergraduate thesis (see the Final Task Writing Guide).
12. Student registers for Final Task Exam (*Munaqosyah*) if already completed the requirements (see academic guide p. 41)
13. The Study Program determines the Final Task Exam schedule (*Munaqosyah*).

D. Partner/Place of Activity

The partner/place of research activity must satisfy the following requirements:

1. Is an institution that has physics resources compatible with the scope of research?
2. It has legal standing.
3. The institution leadership is willing to accept the student by signing a memorandum of understanding as a research place.
4. The research place must have structured and publicized the MBKM program.
5. If the institution conducts recruitment, the student attaches the proof of open recruitment in the application.
6. If the institution is the party who applies, the student attaches the proof of application.

E. Expenses

Research expenses are the responsibility of the participants, partner, or other parties through memorandum of understanding.



VII. HUMANITARIAN PROJECT

A. Definition

Indonesia faces risks of natural disasters, be it earthquake, volcanic eruption, tsunami, hydrological disaster, and so on. Higher education has been helping with risk mitigation through humanitarian programs. The student involvement has been voluntary and short term. In addition, many international institutions (UNESCO, UNICEF, WHO, etc.) have conducted in-depth study and created development pilot projects in Indonesia and other developing countries. Students with youthful spirits, scientific competence, and interest can be foot soldiers in humanitarian projects and other development in Indonesia and abroad. Social activity for a foundation or humanitarian organization is approved by higher education in Indonesia and abroad.

B. Special Provision

The implementation of the Humanitarian Project of the MBKM program will be regulated by LPPM UIN Sunan Kalijaga. Further information will be provided.



VIII. ENTREPRENEURSHIPS

A. Definition

Student develops entrepreneurship activity independently, proven with explanation or entrepreneurship activity proposal and transaction proofs of customer or employee salary receipt. Based on the Global Entrepreneurship Index (GEI) for 2018, Indonesia only scored 21% of entrepreneurs in various occupations or rated 94 of 137 countries being surveyed. Meanwhile, according to the research and IDN Research Institute for 2019, 69,1% of Indonesian millennials in Indonesia have an interest in entrepreneurships. Unfortunately, the entrepreneurships potentials for millennials have not been organized better. The Kampus Merdeka policy fosters the entrepreneurships interest development among students through appropriate learning activity.

B. Special Provision

The implementation of Entrepreneurship will be regulated by the [Business Center](#) and [Cendi UIN Sunan Kalijaga](#). Further information will be provided.



IX. INDEPENDENT STUDY/PROJECT

A. Definition

Many students have a passion to realize the big works contested on an international level or works of innovative ideas. Ideally, independent study/project is conducted as a complement for curriculum taken by the student. Higher education or the faculty can also make independent study for complementing topics that is not included in the course schedule, but still available in the Study Program or the faculty syllabus. The independent project can be conducted in the form of interdisciplinary working groups. Student can develop a project based on a special social topic and can be worked on together with other students.

B. Special Provision

The implementation of the Independent Study/Project will be regulated by the Student Section of UIN Sunan Kalijaga. Further information will be provided.

Attachment 1. Application Letter Example

To the
Head of the Chemistry Study Program

.....

In place

Assalamualaikum wr wb

Regarding the internship in on ... with the theme "...", hereby we request a recommendation letter on behalf:

Name : ...

Student Number : ...

Phone no. : ...

Hereby this application letter was made, and we offer our gratitude for your consent.

Wassalamualaikum wr.wb

Yogyakarta, 2022

Known by ;

sgn

DPA Name

Applicant

sgn

Student Name

Attachment 2. Internship Location Outline Example

- A. Institution/company name
.....
- B. Institution/company address
.....
- C. Institution/company general description
.....
- D. Institution/company's laboratory to use during the internship
.....
- E. Expected internship period in the institution/company
.....
- F. Type of work to be done in the institution/company
.....
- G. Data expected to gain from the work in the institution/company
.....

Attachment 3. Village Development Location Survey Outline Example

- A. Village/community name
.....
- B. Village/community address
.....
- C. Village/community general description
.....
- D. Activity period
.....
- E. Village building activities timeline
.....
- F. Data expected to gain from the activities to be done
.....

Attachment 4. Research Location Survey Outline Example

- A. Institution name
.....
- B. Institution address
.....
- C. Institution general description
.....
- D. Institution's laboratory to use for the research
.....
- E. Research period
.....
- F. Research timeline
.....
- G. Data expected to gain from the research result
.....

Attachment 5. Verification Form

Student Name				
Student Number				
Phone No.				
DPA				
Type of MBKM to enroll	<input type="checkbox"/> Internship	<input type="checkbox"/> Research	<input type="checkbox"/> Village Development	<input type="checkbox"/> Entrepreneurship
	<input type="checkbox"/> Student Exchange	<input type="checkbox"/> Special Project	<input type="checkbox"/> Humanitarian Project	<input type="checkbox"/> Teaching Assistance
Student has created clear outline	<input type="checkbox"/> Yes		<input type="checkbox"/> Not yet	
Activity in the outline conforms to MBKM type	<input type="checkbox"/> Conform		<input type="checkbox"/> Not yet	
Activity in the outline conforms to science of chemistry	<input type="checkbox"/> Conform		<input type="checkbox"/> Not yet	
Activity location satisfies The Study Program of Chemistry MBKM requirements	<input type="checkbox"/> Satisfies		<input type="checkbox"/> No	
Activity period months			
Activity period can be converted into SKS			
Partner has structured and publicized MBKM program	<input type="checkbox"/> Yes		<input type="checkbox"/> No	
Student has requested letter/approval from the MBKM partner	<input type="checkbox"/> Yes		<input type="checkbox"/> Not yet	

Yogyakarta,

The Chemistry Study Program Verification Team