



## DIPLOMA SUPPLEMENT

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION			
1.1	Last name(s)	1.2	First name(s)
	Salamah		Ummu
	Date of birth (dd/mm/yyyy)		Student identification number or code (if available)
1.3	04   07   1997	1.4	1513440005
2. INFORMATION IDENTIFYING THE QUALIFICATION			
	Name of qualification and (if applicable) title conferred (in original language)		Main field(s) of study for the qualification
2.1	Chemistry Education / S.Pd.	2.2	Chemistry Education
	Name and status of awarding institution (in original language)		
2.3	Universitas Negeri Makassar/ A		
	Name and status of institution (if different from 2.3) administering studies (in original language)		Language(s) of instruction/examination
2.4	Universitas Negeri Makassar/ A	2.5	Indonesian
3. INFORMATION ON THE LEVEL AND DURATION OF THE QUALIFICATION			
	Level of the qualification		Official duration of programme in credits and/or years
3.1	Bachelor Degree	3.2	144 credits and 3 years 10 months

	Access requirements(s)				
3.3		Graduated from high school or similar level of education			
		<b>4. INFORMATION ON THE PROGRAMME COMPLETED AND THE RESULTS OBTAINED</b>			
	Mode of study			Programme learning outcomes	
4.1	Discussion and practice	4.2		3.60	
		Programme details, individual credits gained and grades/marks obtained			
	Number	Programme	CSU	ECTS	Grade
		e			
	1	CALCULUS	3	4.5	A
	2	BASIC PHYSIC	3	4.5	A
	3	BASIC CHEMISTRY	3	4.5	A
	4	GENERAL BIOLOGY	3	4.5	B
	5	ENVIRONMENTAL SCIENCE	2	3	A
	6	INTRODUCTION AND MANAGEMENT CHEMISTRY LABORATORY	2	3	A-
	7	PHILOSOPHY OF SCIENCE	2	3	A
	8	MATHEMATICS FOR CHEMISTRY	2	3	A-
	9	ISLAMIC STUDY	2	3	A
	10	CIVIC EDUCATION	2	3	A
	11	INDONESIAN	2	3	B+
	12	ADVANCED CHEMISTRY	3	4.5	A-
	13	CHEMISTRY LITERATURE	2	3	A
	14	INORGANIC CHEMISTRY I	2	3	A-
	15	ORGANIC CHEMISTRY I	3	4.5	B-
	16	EXPERIMENT OF ORGANIC CHEMISTRY I	2	3	A
	17	PANCASILA	2	3	A
	18	ANALYTICAL CHEMISTRY 1	3	4.5	B+
	19	EXPERIMENT OF ANALYTICAL CHEMISTRY 1	1	1.5	A-
	20	INORGANIC CHEMISTRY II	2	4.5	A-
	21	ORGANIC CHEMISTRY II	3	3	B
	22	EXPERIMENT OF ORGANIC CHEMISTRY II	2	3	A
	23	LEARNING AND INSTRUCTION	3	4.5	C
	24	INTRODUCTION OF EDUCATION	2	3	B-
	25	ENGLISH	3	4.5	A
	26	BASIC OF SCIENCE EDUCATION	2	3	A
	27	ANALYTICAL CHEMISTRY II	3	4.5	A-
	28	EXPERIMENT ANALYTICAL CHEMISTRY II	1	1.5	A
	29	PHYSICAL CHEMISTRY II	3	4.5	B
	30	EXPERIMENT IN INORGANIC CHEMISTRY	2	3	A-

31	PHYSICAL INORGANIC CHEMISTRY	2	3	B
32	ORGANIC CHEMISTRY III	2	3	C
33	EXPERIMENT IN PHYSICAL CHEMISTRY I	1	1.5	B+
34	BIOCHEMISTRY	3	4.5	B
35	TEACHING PROFESSION	2	3	B+
36	STUDENT PSYCHOLOGICAL DEVELOPMENT	2	3	A-
37	INSTRUMENT OF ANALYTICAL CHEMISTRY	2	3	A-
38	EXPERIMENT INSTRUMENT OF ANALYTICAL CHEMISTRY	1	1.5	B+
39	EXPERIMENT OF PHYSICAL CHEMISTRY II	1	1.5	A
40	NUCLEAR AND RADIOCHEMISTRY	2	3	B
41	FOOD CHEMISTRY	3	4.5	A-
42	EXPERIMENT OF BIOCHEMISTRY	2	3	B+
43	CHEMISTRY TEACHING AND LEARNING STRATEGY	3	4.5	A
44	CHEMISTRY INSTRUCTION PLANNING	3	4.5	A
45	ASSESSMENT OF CHEMISTRY INSTRUCTION	3	4.5	B
46	STATISTIC METHOD	2	3	B
47	CHEMICAL BONDING	2	3	B
48	ENVIRONMENTAL CHEMISTRY	2	3	B+
49	CHEMISTRY CURRICULUM REVIEW	3	4.5	B
50	RESEARCH METHOD OF CHEMISTRY EDUCATION	3	4.5	B+
51	MICROTEACHING (PPL I)	2	3	A
52	SEMINAR OF CHEMISTRY EDUCATION	2	3	A-
53	INTRODUCTION OF BIOTECHNOLOGY	2	3	A
54	INDUSTRIAL CHEMISTRY	2	3	A
55	ENTREPRENEURSHIP	2	3	A
56	INDUSTRIAL MICROBIOLOGY	2	3	A
57	CHEMISTRY CURRICULUM VOCATIONAL STUDY	2	3	A
58	PHYSICAL CHEMISTRY I	3	4.5	B+
59	TEACHING EXPERIENCE (PPL II)	4	6	A
60	COMMUNITY EXPERIENCE (KKN)	3	4.5	A
61	THESIS	6	9	A
	<b>Overall Programmes Credits</b>	<b>144</b>	<b>216</b>	
	<b>Passed Programme</b>	<b>144</b>		
	<b>GPA</b>			<b>3.60</b>
	Grading system and, if available, grade distribution table			Overall classification of the qualification (in original language)
4.4		4.5		Excellent
	Percentage	Grade	Value	

91-100	A	4
86-90	A-	3.76
81-85	B+	3.25
76-80	B	3
71-75	B-	2.75
66-70	C+	2.25
61-65	C	2
56-60	C-	1.75
51-55	D+	1.25
46-50	D	1
41-45	D-	0.75
<40	E	0

**5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION**

Access to further study

Access to a regulated profession (if applicable)

5.1 Master Degree

5.2 Teacher


**6. ADDITIONAL INFORMATION**

Additional information

Further information sources

6.1

6.2

7. CERTIFICATION OF THE SUPPLEMENT				
	Date			Signature
7.1	26	06	2019	7.2 Prof. Dr. Ir. H. Husain Syam, M.TP., IPU.
	Capacity			Official stamp or seal
7.3	Rector			7.4 
8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM				
<p>The Higher Education in Indonesia includes academic education that focuses on the mastery of knowledge and vocational education that emphasize on preparing graduation to apply their expertise. Before someone conduct a study in a higher education on Indonesia, they have to graduate from upper secondary school or similar level and examined first. There are several types of higher education in Indonesia</p> <p>1. University</p> <p>University is a type of higher education institution that provides academic education in various fields of science and technology. The university is a college with the broadest field of knowledge. In other words, almost all kinds of knowledge exist in universities.</p> <p>2. Institute</p> <p>The Institute is a higher education that provides academic education and can provide vocational education with a certain number of science or technology division. In other words that the knowledge base at the institute is more limited than the university.</p> <p>3. High School</p> <p>Unlike universities and institutes, high schools are colleges that only provide education in one particular science or technology division.</p> <p>4. Polytechnics</p>				

Polytechnics are universities that provide vocational education in various scientific clusters.

#### 5. Academy

If polytechnics are vocational education with a broad scope, then the academy is a college in vocational education that only runs educational programs in one or several branches of the field of science.

Makassar, 14 May 2021

Dean



Drs. Suyardi Annas, M.Si., Ph.D.

Nip. 19691231 199403 1 110



## DIPLOMA SUPPLEMENT

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION				
1.1	Last name(s)		1.2	First name(s)
	Lestari Arham			Juniarti Dwi
1.3	Date of birth (dd/mm/yyyy)		1.4	Student identification number or code (if available)
	17	06		1998
2. INFORMATION IDENTIFYING THE QUALIFICATION				
	Name of qualification and (if applicable) title conferred (in original language)			Main field(s) of study for the qualification
2.1	Chemistry Education / S.Pd.		2.2	Chemistry Education
	Name and status of awarding institution (in original language)			
2.3	Universitas Negeri Makassar/ A			
	Name and status of institution (if different from 2.3) administering studies (in original language)			Language(s) of instruction/examination
2.4	Universitas Negeri Makassar/ A		2.5	Indonesian
3. INFORMATION ON THE LEVEL AND DURATION OF THE QUALIFICATION				
	Level of the qualification			Official duration of programme in credits and/or years
3.1	Bachelor Degree		3.2	145 credits and 4 years

	Access requirements(s)				
3.3		Graduated from high school or similar level of education			
		<b>4. INFORMATION ON THE PROGRAMME COMPLETED AND THE RESULTS OBTAINED</b>			
	Mode of study			Programme learning outcomes	
4.1	Discussion and practice	4.2		3.75	
		Programme details, individual credits gained and grades/marks obtained			
	Number	Programme	CSU	ECTS	Grade
	1	CALCULUS	2	3	B
	2	BASIC PHYSICS	3	4.5	A-
	3	BASIC CHEMISTRY	3	4.5	A-
	4	GENERAL BIOLOGY	3	4.5	B
	5	BASIC OF STATISTIC	2	3	A
	6	LIFE ENVIRONMENTAL EDUCATION	2	3	A
	7	PANCASILA	2	3	A
	8	ENGLISH	3	4.5	B-
	9	ISLAMIC STUDY	2	3	A
	10	CIVIC EDUCATION	2	3	B
	11	INDONESIAN	2	3	A
	12	ADVANCE BASIC CHEMISTRY	3	4.5	A-
	13	CHEMISTRY LABORATORY MANAGEMENT	2	3	A-
	14	ORGANIC CHEMISTRY I	3	4.5	A
	15	EXPERIMENT OF ORGANIC CHEMISTRY I	2	3	A
	16	MATHEMATICAL CHEMISTRY	2	3	A-
	17	INORGANIC CHEMISTRY I	2	3	B-
	18	ANALYTICAL CHEMISTRY I	3	4.5	B
	19	EXPERIMENT OF ANALYTICAL CHEMISTRY I	1	1.5	A
	20	PHILOSOPHY OF SCIENCE	2	3	A
	21	INORGANIC CHEMISTRY II	2	3	B+
	22	ORGANIC CHEMISTRY II	3	4.5	A
	23	EXPERIMENT OF ORGANIC CHEMISTRY II	2	3	B+
	24	BASIC OF SCIENCE EDUCATION	2	3	A-
	25	CHEMISTRY LIBRARY	2	3	A-
	26	INTRODUCTION OF EDUCATION	2	3	B+
	27	ANALYTICAL CHEMISTRY II	3	4.5	B+
	28	EXPERIMENT OF ANALYTICAL CHEMISTRY II	1	1.5	A
	29	PHYSICAL CHEMISTRY II	3	4.5	B
	30	EXPERIMENT OF INORGANIC CHEMISTRY	2	3	B+



31	PHYSICAL INORGANIC CHEMISTRY	2	3	B+
32	EXPERIMENT OF PHYSICAL CHEMISTRY I	1	1.5	B+
33	BIOCHEMISTRY	3	4.5	B+
34	STUDENT PSYCHOLOGY DEVELOPMENT	2	3	A-
35	CHEMICAL BONDING	2	3	B+
36	TEACHING PROFESSION	2	3	A
37	ENVIRONMENTAL CHEMISTRY	2	3	A
38	CHEMISTRY CURRICULUM REVIEW	3	4.5	A
39	RESEARCH METHOD OF CHEMISTRY EDUCATION	3	4.5	A
40	MICROTEACHING (PPL I)	2	3	A
41	SEMINAR OF CHEMISTRY EDUCATION	2	3	A
42	ENTREPRENEURSHIP	2	3	A
43	LEARNING AND TEACHING	3	4.5	A-
44	CHEMISTRY INSTRUCTION PLANNING	3	4.5	A
45	ASSESSMENT OF CHEMISTRY INSTRUCTION	3	4.5	A
46	INSTRUMENT OF ANALYTICAL CHEMISTRY	2	3	A
47	EXPERIMENT INSTRUMENT OF ANALYTICAL CHEMISTRY	1	1.5	A
48	EXPERIMENT OF BIOCHEMISTRY	2	3	A
49	EXPERIMENT OF PHYSICAL CHEMISTRY II	1	1.5	A
50	NUCLEAR AND RADIOCHEMISTRY	2	3	A-
51	FOOD CHEMISTRY	3	4.5	A
52	CHEMISTRY TEACHING AND LEARNING STRATEGY	3	4.5	A
53	IT BASED LEARNING MEDIA	2	3	A
54	PHARMACEUTICAL CHEMISTRY	2	3	A
55	NATURAL ORGANIC CHEMISTRY	2	3	A-
56	WASTE MANAGEMENT	2	3	A
57	COMPUTATIONAL CHEMISTRY	2	3	A
58	TEACHING EXPERIENCE (PPL II)	4	6	A
59	COMMUNITY EXPERIENCE (KKN)	3	4.5	A
60	THESIS	6	9	A
61	PHYSICAL CHEMISTRY I	3	4.5	A-
62	ORGANIC CHEMISTRY III	2	3	A-
	<b>Overall Programmes Credits</b>	<b>145</b>	<b>217.5</b>	
	<b>Passed Programme</b>	<b>145</b>		
	<b>GPA</b>			<b>3.75</b>
	Grading system and, if available, grade distribution table			Overall classification of the qualification (in original language)
4.4		4.5		Cumlaude
	Percentage	Grade	Value	

91-100	A	4
86-90	A-	3.76
81-85	B+	3.25
76-80	B	3
71-75	B-	2.75
66-70	C+	2.25
61-65	C	2
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<40	E	0

**5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION**

Access to further study

Access to a regulated profession (if applicable)

5.1 Master Degree

5.2 Teacher


**6. ADDITIONAL INFORMATION**

Additional information

Further information sources

6.1

6.2

<b>7. CERTIFICATION OF THE SUPPLEMENT</b>			
	Date		Signature
7.1	14	08	2020
	Capacity		Official stamp or seal
7.3	Rector		7.4
			
<b>8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM</b>			
<p>The Higher Education in Indonesia includes academic education that focuses on the mastery of knowledge and vocational education that emphasize on preparing graduation to apply their expertise. Before someone conduct a study in a higher education on Indonesia, they have to graduate from upper secondary school or similar level and examined first. There are several types of higher education in Indonesia</p> <ol style="list-style-type: none"> <li>1. University <p>University is a type of higher education institution that provides academic education in various fields of science and technology. The university is a college with the broadest field of knowledge. In other words, almost all kinds of knowledge exist in universities.</p> </li> <li>2. Institute <p>The Institute is a higher education that provides academic education and can provide vocational education with a certain number of science or technology division. In other words that the knowledge base at the institute is more limited than the university.</p> </li> <li>3. High School <p>Unlike universities and institutes, high schools are colleges that only provide education in one particular science or technology division.</p> </li> <li>4. Polytechnics</li> </ol>			

	<p>Polytechnics are universities that provide vocational education in various scientific clusters.</p> <p>5. Academy</p> <p>If polytechnics are vocational education with a broad scope, then the academy is a college in vocational education that only runs educational programs in one or several branches of the field of science.</p>	
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Makassar, 14 May 2021

Dean



Drs. Suyardi Annas, M.Si., Ph.D.

Nip. 19691231 199403 1 110



## DIPLOMA SUPPLEMENT

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION			
1.1	Last name(s)	1.2	First name(s)
	Zhahirin		Muh. Fa'iq
	Date of birth (dd/mm/yyyy)		Student identification number or code (if available)
1.3	29   01   1999	1.4	1613440001
2. INFORMATION IDENTIFYING THE QUALIFICATION			
	Name of qualification and (if applicable) title conferred (in original language)		Main field(s) of study for the qualification
2.1	Chemistry Education / S.Pd.	2.2	Chemistry Education
	Name and status of awarding institution (in original language)		
2.3	Universitas Negeri Makassar/ A		
	Name and status of institution (if different from 2.3) administering studies (in original language)		Language(s) of instruction/examination
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3. INFORMATION ON THE LEVEL AND DURATION OF THE QUALIFICATION			
	Level of the qualification		Official duration of programme in credits and/or years
3.1	Bachelor Degree	3.2	145 credits and 4 years 4 months

	Access requirements(s)				
3.3		Graduated from high school or similar level of education			
		<b>4. INFORMATION ON THE PROGRAMME COMPLETED AND THE RESULTS OBTAINED</b>			
	Mode of study			Programme learning outcomes	
4.1	Discussion and practice	4.2		3.58	
		Programme details, individual credits gained and grades/marks obtained			
	Number	Programme	CSU	ECTS	Grade
		e			
	1	CALCULUS	2	3	A
	2	BASIC PHYSICS	3	4.5	A
	3	BASIC CHEMISTRY	3	4.5	A-
	4	GENERAL BIOLOGY	3	4.5	B
	5	BASIC OF STATISTIC	2	3	B
	6	LIFE ENVIRONMENTAL EDUCATION	2	3	B
	7	PANCASILA	2	3	A
	8	ENGLISH	3	4.5	B
	9	CIVIC EDUCATION	2	3	A
	10	INDONESIAN	2	3	A
	11	ADVANCE BASIC CHEMISTRY	3	4.5	B+
	12	ORGANIC CHEMISTRY I	3	4.5	A
	13	EXPERIMENT OF ORGANIC CHEMISTRY I	2	3	A
	14	MATHEMATICAL CHEMISTRY	2	3	B+
	15	INORGANIC CHEMISTRY I	2	3	B
	16	ANALYTICAL CHEMISTRY I	3	4.5	B+
	17	EXPERIMENT OF ANALYTICAL CHEMISTRY I	1	1.5	A
	18	PHYSICAL CHEMISTRY I	3	4.5	A-
	19	PHILOSOPHY OF SCIENCE	2	3	B+
	20	INORGANIC CHEMISTRY II	2	3	B+
	21	ORGANIC CHEMISTRY II	3	4.5	B
	22	EXPERIMENT OF ORGANIC CHEMISTRY II	2	3	A
	23	BASIC OF SCIENCE EDUCATION	2	3	B
	24	CHEMISTRY LIBRARY	2	3	A
	25	INTRODUCTION OF EDUCATION	2	3	B
	26	ANALYTICAL CHEMISTRY II	3	4.5	B+
	27	EXPERIMENT OF ANALYTICAL CHEMISTRY II	1	1.5	A-
	28	PHYSICAL CHEMISTRY II	3	4.5	B-
	29	EXPERIMENT OF INORGANIC CHEMISTRY	2	3	B
	30	PHYSICAL INORGANIC CHEMISTRY	2	3	B

31	ORGANIC CHEMISTRY III	2	3	A
32	EXPERIMENT OF PHYSICAL CHEMISTRY I	1	1.5	A-
33	BIOCHEMISTRY	3	4.5	B
34	STUDENT PSYCHOLOGY DEVELOPMENT	2	3	A
35	CHEMICAL BONDING	2	3	B+
36	INSTRUMENT OF ANALYTICAL CHEMISTRY	2	3	A-
37	EXPERIMENT INSTRUMENT OF ANALYTICAL CHEMISTRY	1	1.5	B+
38	EXPERIMENT OF BIOCHEMISTRY	2	3	A
39	EXPERIMENT OF PHYSICAL CHEMISTRY II	1	1.5	A-
40	FOOD CHEMISTRY	3	4.5	A
41	LEARNING AND TEACHING	3	4.5	B-
42	CHEMISTRY TEACHING AND LEARNING STRATEGY	3	4.5	B+
43	CHEMISTRY INSTRUCTION PLANNING	3	4.5	B-
44	ISLAMIC STUDY	2	3	A
45	CHEMISTRY LABORATORY MANAGEMENT	2	3	B
46	TEACHING PROFESSION	2	3	B
47	ENVIRONMENTAL CHEMISTRY	2	3	A-
48	CHEMISTRY CURRICULUM REVIEW	3	4.5	B-
49	RESEARCH METHOD OF CHEMISTRY EDUCATION	3	4.5	B+
50	MICROTEACHING (PPL I)	2	3	A
51	SEMINAR OF CHEMISTRY EDUCATION	2	3	A
52	ENTREPRENEURSHIP	2	3	A
53	INDUSTRIAL MICROBIOLOGY	2	3	B+
54	NUCLEAR AND RADIOCHEMISTRY	2	3	A
55	IT BASED LEARNING MEDIA	2	3	A
56	PHARMACEUTICAL CHEMISTRY	2	3	A
57	COMMUNITY EXPERIENCE (KKN)	3	4.5	A
58	NATURAL ORGANIC CHEMISTRY	2	3	A
59	COMPUTATIONAL CHEMISTRY	2	3	A
60	TEACHING EXPERIENCE (PPL II)	4	6	A
61	ASSESSMENT OF CHEMISTRY INSTRUCTION	3	4.5	A
62	THESIS	6	9	A
	<b>Overall Programmes Credits</b>	<b>145</b>	<b>217.5</b>	
	<b>Passed Programme</b>	<b>14</b>		
		<b>5</b>		
	<b>GPA</b>			<b>3.58</b>
	Grading system and, if available, grade distribution table			Overall classification of the qualification (in original language)
4.4		4.5		Excellent
	Percentage	Grade	Value	

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56-60	C-	1.75
51-55	D+	1.25
46-50	D	1
41-45	D-	0.75
<40	E	0

**5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION**

Access to further study

Access to a regulated profession (if applicable)

5.1 Master Degree

5.2 Teacher

**6. ADDITIONAL INFORMATION**


Additional information

Further information sources

6.1

6.2



7. CERTIFICATION OF THE SUPPLEMENT				
	Date			Signature
7.1	16	12	2020	7.2 Prof. Dr. Ir. H. Husain Syam, M.TP., IPU.
	Capacity			Official stamp or seal
7.3	Rector			7.4 
8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM				
<p>The Higher Education in Indonesia includes academic education that focuses on the mastery of knowledge and vocational education that emphasize on preparing graduation to apply their expertise. Before someone conduct a study in a higher education on Indonesia, they have to graduate from upper secondary school or similar level and examined first. There are several types of higher education in Indonesia</p> <p>1. University</p> <p>University is a type of higher education institution that provides academic education in various fields of science and technology. The university is a college with the broadest field of knowledge. In other words, almost all kinds of knowledge exist in universities.</p> <p>2. Institute</p> <p>The Institute is a higher education that provides academic education and can provide vocational education with a certain number of science or technology division. In other words that the knowledge base at the institute is more limited than the university.</p> <p>3. High School</p> <p>Unlike universities and institutes, high schools are colleges that only provide education in one particular science or technology division.</p> <p>4. Polytechnics</p>				

Polytechnics are universities that provide vocational education in various scientific clusters.

#### 5. Academy

If polytechnics are vocational education with a broad scope, then the academy is a college in vocational education that only runs educational programs in one or several branches of the field of science.

Makassar, 14 May 2021

Dean



Drs. Suyardi Annas, M.Si., Ph.D.

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