

**BENGKULU UNIVERSITY RECTOR'S DECISION
NUMBER 2079/UN30/HK/2021
ABOUT**

**CURRICULUM
PHARMACY STUDY PROGRAM GRADUATE PROGRAM
FACULTY OF MATH AND SCIENCE
BENGKULU UNIVERSITY IN 2021**

RECTOR OF BENGKULU UNIVERSITY

- Considering :
- a) that for support the Merdeka program Study : Campus Merdeka (MB-KM) and Implementation Administration Activity Academic Education Program Vocational , Bachelor , Profession and Postgraduate Bengkulu University , necessary exists revision curriculum education ;
 - b) that in maintenance education in college high , curriculum have important function _ for produce quality graduates _ in accordance with competence special study program ;
 - c) that publishing curriculum this adapt with development education and needs Public in anticipate development world ;
 - d) that in connection with point (a), (b) and (c) above peru set Decision Rector ;
- Remember :
- 1. Constitution Republic of Indonesia Number 20 of 2003 concerning System Education National (State Gazette of the Republic of Indonesia of 2003 Number 78, Supplement State Gazette of the Republic of Indonesia Number 4301);
 - 2. Constitution Republic of Indonesia Number 14 of 2005 concerning Teachers and Lecturer ;
 - 3. Constitution Republic of Indonesia Number 12 of 2012 concerning Education High (State Gazette of the Republic of Indonesia of 2012 Number 158, Supplement State Gazette of the Republic of Indonesia Number 5336);
 - 4. Constitution Republic of Indonesia Number 5 of 2014 concerning Apparatus Civil State (State Gazette of the Republic of Indonesia of 2014 Number 6, Supplement State Gazette of the Republic of Indonesia of 2014 Number 5994);
 - 5. Regulation Government Republic of Indonesia Number 37 of 2009 concerning Lecturer ;
 - 6. Regulation Government Republic of Indonesia Number 4 of 2014 concerning Administration Education Tall and Management College High (State Gazette of the Republic of Indonesia of 2014 Number 16, Supplement State Gazette of the Republic of Indonesia Number 5500);
 - 7. Decision President Republic of Indonesia Number 17 of 1982 concerning Establishment Bengkulu University ;

8. Regulation Minister Education and Culture Number 63 of 2013 concerning Organization and Work Administration (OTK) of Bengkulu University (State Gazette of the Republic of Indonesia Year 2013 Number 782);
9. Regulation Minister Education and Culture Number 75 of 2013 concerning Statute Bengkulu University (State Gazette of the Republic of Indonesia of 2013 Number 847);
10. Regulation Menton Research , Technology , and Education Tall Republic of Indonesia Number 33 of 2018 concerning Name of Study Program On College Tall;
11. Regulation minister Education and Culture Republic of Indonesia Number 3 of 2020 concerning Standard National Education Tall;
12. Regulation minister Education and Culture Republic of Indonesia Number 4 of 2020 concerning Change on Regulation monten Education and Culture Number 88 of 2014 concerning Change College Tall Country Becomes College Tall Country Hadan Law;
13. Regulation Menton Education and Culture Republic of Indonesia Number 5 of 2020 concerning Study Program Accreditation and College Tall;
14. Regulation monten Education and Culture Republic of Indonesia Number 6 of 2020 concerning Reception Undergraduate Barn Student on College Tall Country;
15. Regulation Minister Education and Culture Republic of Indonesia Number 7 of 2020 concerning Establishment , Change , Dissolution College Tall Country , and Establishment , Dissolution , Repeal Permission College Tall Private;
16. Decision monten Research Technology and Education Tall No. 412 /M/KPT.KP/2017 concerning Termination and Appointment Rector Bengkulu University Period Year 2017 - 2021;
17. Regulation Rector Bengkulu University Number 25 of 2020 concerning Administration Activity Academic Education Program Vocational , Bachelor , Profession and Postgraduate Bengkulu University ;

DECIDE:

Set : DECREE OF THE RECTOR OF BENGKULU UNIVERSITY REGARDING THE CURRICULUM OF THE PHARMACEUTICAL STUDY PROGRAM GRADUATE PROGRAM FACULTY OF MATHEMATICS AND NATURAL SCIENCES, BENGKULU UNIVERSITY IN 2021.

FIRST : Set Curriculum Study Program Learning Pharmacy Undergraduate Program Faculty Mathematics and Knowledge Knowledge Natural Bengkulu University as listed in attachment which is part

- no inseparable and Decision Rector this .
- SECOND : Curriculum Study Program Learning Pharmacy Undergraduate Program Faculty Mathematics and Ilmu Knowledge Natural Bengkulu University in 2021 applies for student class of 2021 and force next .
- THIRD : things _ related with implementation Curriculum this year 2021 will arranged in a manner alone through Decision Dean Faculty Mathematics and Knowledge Knowledge Natural Bangalore University .
- FOURTH : Letter Decision this apply since date set , with provision if there is mistake in decision this , will held repair as should .

Established in Bangalore
On August 19 , 2021
Rector



RIDWAN NURAZI
NIP. 196009151989031004

ATTACHMENT
UNIVERSITY RECTOR'S DECISION
BENGKULU
NUMBER 20/UN30/HK/2021

AUGUST 19, 2021

ABOUT STUDY PROGRAM CURRICULUM
PHARMACY GRADUATE PROGRAM FACULTY
MATHEMATICS AND NATURAL SCIENCE
BENOKULU UNIVERSITY IN 2021

**COURSES PER SEMESTER PHARMACY STUDY PROGRAM GRADUATE PROGRAM
FACULTY OF MATH AND SCIENCE
BENGKULU UNIVERSITY
YEAR 2021**

List spread eye cake every semester

SEMESTER 1				
No	Course Code _	Course Name _	SKS	Precondition
1	FRS-101	General Chemistry	3(2-1)	
2	FRS-102	Basic Pharmaceutics	3(2-1)	
3	FRS-103	Physiological Anatomy of Nervous, Respiratory & Digestive Systems	2(2-0)	
4	FRS-104	Physiological Anatomy of Plants	3(2-1)	
5	FRS-105	Biology of the Cell	2(2-0)	
6	FRS-106	Basic Pharmacology	3(2-1)	
7	FRS-107	Parasitology	2(2-0)	
8	MKU-102	Pancasila	2(1-1)	
		TOTAL SKS	20	

SEMESTER 2				
No	Course Code _	Course Name _	SKS	Precondition
1	FRS-108	Basic Physical Pharmacy	2(2-0)	-
2	FRS-109	Molecular Structure and Stereochemistry	2(2-0)	FRS-101
3	FRS-110	Analytical Chemistry	4(3-1)	FRS-101
4	FRS-111	Pathophysiology	2(2-0)	FRS-103
5	FRS-112	Physiological Anatomy of Endocrine and Cardiovascular	2(2-0)	-

		Systems		
6	FRS-113	Pharmacology of Infection, Cancer, and Musculoskeletal	2(2-0)	FRS-106
7	FRS-114	Pharmacology of Nervous, Respiratory & Digestive Systems	2(2-0)	FRS-106
8	MKU-101	Religious Education	3(2-1)	-
9	MKU-104	Education Citizenship	2(1-1)	-
10	MKU-105	Language England	2(1-1)	-
		TOTAL SKS	24	

3RD SEMESTER				
No	Course Code _	Course Name _	SKS	Precondition
1	FRS-201	Pharmacognosy of Essential Oil & Sugar Simplicia	2(2-0)	FRS-104
2	FRS-202	Pharmacotherapy of Nervous, Respiratory & Digestive System Disorders	3(3-0)	FRS-114
3	FRS-203	Pharmaceutical Technology of Solid Dosage Form	3(2-1)	FRS-102
4	FRS-204	Mechanisms in Organic Reaction	3(2-1)	FRS-109
5	FRS-205	Drugs Viscosity and Rheology	3(2-1)	FRS-108
6	FRS-206	Introduction to Natural Products	2(2-0)	FRS-104, FRS-109
7	FRS-207	Pharmacotherapy of Infections, Cancer, Musculoskeletal	3(3-0)	FRS-113
8	FRS-208	Pharmaceutical Microbiology	3(2-1)	FRS-107
9	FRS-209	Pharmacology of Endocrine & Cardiovascular Systems	2(2-0)	FRS-106
		TOTAL SKS	24	

SEMESTER 4				
No	Course Code _	Course Name _	SKS	Precondition
1	FRS-210	Secondary Metabolites of Natural Products	3(2-1)	FRS-206
2	FRS-211	Pharmaceutical Technology of Liquid & Semi Solid Dosage Form	3(2-1)	FRS-203
3	FRS-212	Pharmacotherapy of Endocrine & Cardiovascular System Disorders	2(2-0)	FRS-209
4	FRS-213	Pharmacognosy of Alkaloid & Steroid Simplicia	2(1-1)	FRS-201
5	FRS-214	Food Material Chemistry	2(2-0)	FRS-110

6	FRS-215	Pharmaceutical Management	2(2-0)	-
7	FRS-216	Integration of Health Workers	2(2-0)	-
8	FRS-217	Law & Ethics of Pharmacy	2(2-0)	-
9	FRS-218	Chemical Instrumentation	2(2-0)	FRS-109, FRS-110
10	MKU-103	Indonesian _	3(1-2)	
		TOTAL SKS	23	

5TH SEMESTER				
No	Course Code _	Course Name _	SKS	Precondition
1	FRS-301	Biochemistry	3(2-1)	FRS-204
2	FRS-302	Pharmaceutical Technology of Traditional Medicine	2(1-1)	FRS-210, FRS-213
3	FRS-303	Herbal Medicine	2(2-0)	-
4	FRS-304	Medicinal Chemistry	2(2-0)	FRS-109
5	FRS-305	Pharmaceutical Technology of Sterile Dosage Form	3(2-1)	FRS-211
6	FRS-306	Bioactivity Evaluation Techniques	3(2-1)	FRS-106, FRS-113, FRS-114, FRS-209
7	FRS-307	Radio- Pharmacy	2(2-0)	FRS-218
8	FRS-308	Toxicology	2(2-0)	FRS-106, FRS-113, FRS-114, FRS-209
9	FRS-309	Pharmacoepidemiology & Pharmacoeconomics	2(2-0)	-
10		Elective Course	1(1-0)	-
11		Elective Course	1(1-0)	-
		TOTAL SKS	22	

6TH SEMESTER				
No	Course Code _	Course Name _	SKS	Precondition
1	FRS-310	Immunoserology	2(2-0)	FRS-105
2	FRS-311	Biopharmaceutics & Pharmacokinetics	3(2-1)	FRS-205
3	FRS-312	Methodology in Pharmaceutical Research	2(2-0)	-
4	FRS-313	Molecular Structure Elucidation	2(2-0)	FRS-204
5	FRS-314	Drug Synthesis	2(2-0)	FRS-304
6	FRS-315	Community & Clinical Pharmacy	3(3-0)	FRS-215, FRS-216

7	MKU-104	Entrepreneurship	2(1-1)	-
8	MKU-106	Computer and Programming (Coding)	3(1-2)	-
9		Elective Course	1(1-0)	-
10		Elective Course	1(1-0)	-
		TOTAL SKS	21	

7TH SEMESTER				
No	Course Code _	Course Name _	SKS	Precondition
1	MKU-400	KKN	4(0-4)	-
2	FRS-401	Proposal Seminars	1(0-1)	-
3	FRS-402	Internship	2(0-2)	-
4	FRS-403	Sciences of Prescription	2(2-0)	FRS-102, FRS-202, FRS-207, FRS-212
5		Elective Course	1(1-0)	-
6		Elective Course	1(1-0)	-
7		Elective Course	1(1-0)	-
8		Elective Course	1(1-0)	-
		TOTAL SKS	13	

No	Course Code _	Course Name _	SKS	Precondition
1	FRS-404	Seminar on Research Results	1(0-1)	-
2	FRS-405	Undergraduate Thesis	4(0-4)	-
		TOTAL SKS	5	

ELECTIVE COURSES				
No	Course Code _	Course Name _	SKS	Precondition
	FRS-501	Teratology	1(1-0)	-
	FRS-502	Environmental Pollutant Analysis	1(1-0)	-
	FRS-503	Criminology Pharmacy	1(1-0)	-
	FRS-504	Nanotechnology	1(1-0)	-
	FRS-505	Computational Pharmacy	1(1-0)	-
	FRS-506	Cosmetology	1(1-0)	-
	FRS-507	GMP-QA	1(1-0)	-
	FRS-508	Inorganic Pharmaceutical Analysis	1(1-0)	-
	FRS-509	Basic of chemometrics	1(1-0)	-
		TOTAL SKS		

Description :

*) Courses offered for conducted through scheme independent study-campus independent

Established in Bangalore

Rector

A handwritten signature in blue ink is written over a red circular official stamp. The stamp contains a five-pointed star in the center and some text around the perimeter, which is partially obscured by the signature.

RIDWAN NURAZI

NIP. 196009151989031004