



COPY

DECREE OF THE RECTOR OF DIPONONEGORO UNIVERSITY
Number:2426/UN7.P/HK/2020

ABOUT

DETERMINATION OF THE CURRICULUM OF THE UNIVERSITY OF DIPONEGORO MASTER PROGRAM YEAR
2020

RECTOR OF DIPONONEGORO UNIVERSITY,

- Weigh : a. that based on article 17 paragraph (3) of the Government Regulation of the Republic of Indonesia Number 52 of 2015 concerning the Statute of Diponegoro University, the curriculum is evaluated and developed periodically and comprehensively in accordance with the needs and scientific and professional developments at the national, regional and international levels;
- b. that the Curriculum of the Diponegoro University Masters Program which has been in effect since 2017 is the time for adjustments to be made to suit the development of Science, Technology and the Arts as well as the needs of the labor market;
- c. that with regard to this matter and in the context of developing the internationalization of the Master Program curriculum, it is necessary to establish the 2020 Diponegoro University Masters Program Curriculum;
- d. that as its embodiment it is necessary to stipulate a Decree of the Chancellor of Diponegoro University;
- Remember : 1. Law of the Republic of Indonesia Number 20 of 2003 concerning the National Education System (State Gazette of the Republic of Indonesia of 2003 Number 78, Supplement to the State Gazette of the Republic of Indonesia Number 4301);
2. Law of the Republic of Indonesia Number 12 of 2012 concerning Higher Education (State Gazette of the Republic of Indonesia of 2012 Number 156, Supplement to the State Gazette of the Republic of Indonesia Number 5336);



3. Government Regulation of the Republic of Indonesia Number 7 of 1961 concerning the Establishment of Diponegoro University (State Gazette of the Republic of Indonesia of 1961 Number 25);
4. Government Regulation of the Republic of Indonesia Number 19 of 2005 concerning National Education Standards (State Gazette of the Republic of Indonesia of 2005 Number 41, Supplement to the State Gazette of the Republic of Indonesia Number 4496);
5. Government Regulation of the Republic of Indonesia Number 4 of 2014 concerning the Implementation of Higher Education and Management of Higher Education (State Gazette of the Republic of Indonesia of 2014 Number 16, Supplement to the State Gazette of the Republic of Indonesia Number 5500);
6. Government Regulation of the Republic of Indonesia Number 81 of 2014 concerning Designation of Diponegoro University as a Legal Entity State University (State Gazette of the Republic of Indonesia of 2014 Number 302);
7. Government Regulation of the Republic of Indonesia Number 26 of 2015 concerning Forms and Mechanisms of Funding for State Universities Legal Entities as amended by Government Regulation of the Republic of Indonesia Number 8 of 2020 concerning Amendments to Government Regulation of the Republic of Indonesia Number 26 of 2015 concerning Forms and Mechanisms of Funding for Higher Education Country of Legal Entity (State Gazette of the Republic of Indonesia of 2020 Number 28, Supplement to the State Gazette of the Republic of Indonesia Number 6460);
8. Government Regulation of the Republic of Indonesia Number 52 of 2015 concerning the Statute of Diponegoro University (State Gazette of the Republic of Indonesia of 2015 Number 170, Supplement to the State Gazette Number 5721);
9. Regulation of the Minister of Education and Culture of the Republic of Indonesia Number 3 of 2020 concerning National Standards for Higher Education (State Gazette of the Republic of Indonesia of 2020 Number 47);
10. Decision of the Diponegoro University Board of Trustees Number 03/UN7.1/ HK/2019 concerning the Appointment of the Diponegoro University Chancellor for the 2019-2024 Period;



11. Regulation of the Chancellor of the University of Diponegoro Number 2 of 2019 concerning the Organization and Work Procedure of the elements under the Chancellor of Diponegoro University as amended by Regulation of the Chancellor of the University of Diponegoro Number 16 of 2020 concerning the Second Amendment to the Regulation of the Chancellor of the University of Diponegoro Number 2 of 2019 concerning Organization and Administration The work of the elements under the Chancellor of Diponegoro University;
12. Regulation of the Chancellor of Diponegoro University Number 5 of 2020 concerning Academic Regulations in the Education Sector of the Diponegoro University Postgraduate Program;

Paying attention to: Letter of the Head of the Quality Assurance and Development Institute Diponegoro University Education Number 4268/ UN7.6.2/ TU/ 2020 concerning Determination of the 2020 Diponegoro University Masters Program Curriculum;

DECIDE:

- SET : RECTOR DECISION OF DIPONEGORO UNIVERSITY ABOUT DETERMINATION OF THE CURRICULUM OF THE UNIVERSITY OF DIPONEGORO MASTER PROGRAM IN 2020
- FIRST : Establishing the Curriculum of the Diponegoro University Masters Program Year 2020 as stated in the attachment to this decision
- SECOND : This decision is effective as of June 2, 2020.

A valid copy according to the original
Secretary of Diponegoro University



Prof. Dr. dr. Anies, M.Kes., PKK
NIP. 195407221985011001

Set in Semarang
On December 28, 2020

RECTOR OF DIPONONEGORO UNIVERSITY

Signed

PROF. DR. YOS JOHAN UTAMA, SH, M.HUM. NIP.
196211101987031004

COPIES submitted to:

1. Undip Vice Chancellors
2. Deans of Undip Faculties/ Schools
3. Head of LP2MP Undip



ATTACHMENT :
 DECREE OF THE RECTOR OF DIPONEGORO UNIVERSITY
 NUMBER : 2426/UN7.P/HK/2020
 DATE : DECEMBER 28, 2020 :
 ABOUT

DETERMINATION OF THE CURRICULUM OF THE UNIVERSITY
 OF DIPONEGORO MASTER PROGRAM IN 2020

A. FACULTY OF LAW

1. Law

No	Eye Code Studying	Course Name	credits
1	PHIH8100	Legal Theory	2
2	PHIH8101	Sociology of Law	2
3	PHIH8102	Politics of law	2
4	PHIH8103	Legal Research Methodology	2
5	PHIH8104	Philosophy of Law	2
6	PHIH8105	Business Ethics	2
7	PHIH8106	Business Entity Law	2
8	PHIH8107	Law and Political System	2
9	PHIH8108	Law and Legislation Theory	2
10	PHIH8109	International Law in the Age of Digitization	2
11	PHIH8110	Contract Law and Business Dispute Resolution	2
12	PHIH8111	State Finance and Treasury Law	2
13	PHIH8112	International Trade Law	2
14	PHIH8113	International Civil Law and International Business	2
15	PHIH8114	Crime Prevention Policy	2
16	PHIH8115	Criminal Law Politics	2
17	PHIH8116	Criminal Justice System	2
18	PHIH8200	Capita Selecta Dynamics of International Law	3
19	PHIH8201	Capita Selecta Economic and Business Law	3
20	PHIH8202	Capita Selecta State Law	3
21	PHIH8203	Capita Selecta Criminal Law	3
22	PHIH8204	Administrative Law and Administrative Procedure	2
23	PHIH8205	Intellectual Property Law	2
24	PHIH8206	International Maritime and Maritime Law	2
25	PHIH8207	Comparison of Criminal Law	2
26	PHIH8250	International Relations and Indonesian Foreign Policy	2
27	PHIH8251	Law and Human Rights	2
28	PHIH8252	Economic Law and Policy	2
29	PHIH8253	Employment Law and Policy	2
30	PHIH8254	Law and Public Policy	2
31	PHIH8255	Regional Law and Economic Cooperation	2
32	PHIH8256	International Law and Finance	2
33	PHIH8257	Law and Utilization of Air and Space Resources	2

No	Eye Code Studying	Course Name	credits
34	PHIH8258	Law and Coastal Resource Development	2
35	PHIH8259	Law and Electronic Transactions	2
36	PHIH8260	Sharia Economic Law	2
37	PHIH8261	Investment Law	2
38	PHIH8262	State Security Law	2
39	PHIH8263	Constitutional Law and Procedures of the Constitutional Court	2
40	PHIH8264	Environmental Law and Gender	2
41	PHIH8265	Environmental Law and Sustainable Development	2
42	PHIH8266	Regional Autonomy Law and Pilkada	2
43	PHIH8267	Central Tax Law and Local Tax	2
44	PHIH8268	Election Law and Democracy	2
45	PHIH8269	Banking and Financial Institution Law	2
46	PHIH8270	International Trade Law	2
47	PHIH8271	Criminal Law and Science and Technology	2
48	PHIH8272	Criminal Law and Child Protection	2
49	PHIH8273	Economic and Corporate Criminal Law	2
50	PHIH8274	Transnational Criminal Law	2
51	PHIH8275	Political Criminal Law	2
52	PHIH8276	Progressive Law	2
53	PHIH8277	Migrant Labor Law and National Policy	2
54	PHIH8278	Capita Selecta Law and Human Rights	2
55	PHIH8279	Contract Negotiation and Drafting	2
56	PHIH8280	International Trade Dispute Resolution	2
57	PHIH8281	Development of Criminology Theory	2
58	PHIH8282	Corporate Crime	2
59	PHIH8283	Contemporary Victimology	2
60	PHIH8300	Journal Publication	3
61	PHIH8302	Research Results Seminar	4
62	PHIH8304	Thesis	6
63	PHIH8301	Thesis proposal	2
64	PHIH8121	Thesis Proposal Writing	2
65	PHIH8210	Research I	9
66	PHIH8304	Thesis	6
67	PHIH8120	Research methodology	3
68	PHIH8122	Thesis Proposal Exam	2
69	PHIH8303	Research Results Seminar	3
70	PHIH8211	Research II	8
71	PHIH8212	International Journal Publications	7

2. Notary

No	Eye Code Studying	Course Name	credits
1	PHKN8611	Family Law and Marital Property	2
2	PHKN8612	Western Inheritance Law, Islam, Custom	2
3	PHKN8613	Agrarian Law and Land Registration Policy	2
4	PHKN8614	Company Intellectual Property Rights Audit	2
5	PHKN8615	Corporate Law, Bankruptcy	2
6	PHKN8616	Central and Local Tax Law	2
7	PHKN8617	Pre Intern	2
8	PHKN8618	Professional ethics	1
9	PHKN8621	Research methodology	2
10	PHKN8622	PPAT deeds	2
11	PHKN8623	Intern I	3
12	PHKN8624	Intern II	3
13	PHKN8625	Financial institutions	2
14	PHKN8626	Business Contract Law	2
15	PHKN8631	Guarantee Law	2
16	PHKN8632	Auction Rules	2
17	PHKN8633	Intern III	3
18	PHKN8634	Thesis	3
19	PHKN8641	Publication	3

B. FACULTY OF ECONOMICS AND BUSINESS

1. Accounting

No	Eye Code Studying	Course Name	credits
1	PEAK8611	Accounting Theory	3
2	PEAK8612	Strategic Management Accounting	3
3	PEAK8613	Accounting Information System and Management Control	3
4	PEAK8614	Study of Accounting Standards	3
5	PEAK8615	Public sector accounting	3
6	PEAK8616	Government Accounting System	3
7	PEAK8617	Government Budgeting and Performance Assessment	3
8	PEAK8618	Forensic Accounting	3
9	PEAK8619	Internal Control System	3
10	PEAK8620	Economic and Technological Crime	3
11	PEAK8621	Business Analysis and Valuation	3
12	PEAK8622	Tax Planning	3
13	PEAK8623	Business Governance and Ethics	3
14	PEAK8700	Research methodology	3
15	PEAK8624	State Financial Audit	3
16	LEAK8625	State Administrative Law	3

No	Eye Code Studying	Course Name	credits
17	PEAK8626	Government Asset Management	3
18	PEAK8627	Investigative Audit	3
19	PEAK8628	Financial report fraud	3
20	PEAK8629	Criminal law	2
21	PEAK8731	Research Proposal Seminar	3
22	LEAK8732	Scientific Writing and Publication	2
23	LEAK8733	Multivariate Analysis and Qualitative Data	3
24	PEAK8800	Thesis	6
25	PEAK8801	publication	3
26	PEAK8611	Accounting Theory	3
27	PEAK8700	Research methodology	3
28	PEAK8731	Research Proposal Seminar	3
29	PEAK8735	Literature Review	3
30	PEAK8736	Empirical Models in Accounting Research	3
31	PEAK8802	publication 2	7
32	PEAK8734	RESEARCH RESULTS SEMINAR	3
33	PEAK8800	Thesis	6
34	PEAK8803	publication 3	7

2. Development Economy

No	Eye Code Studying	Course Name	credits
1	PESP8001	Development Economics III	3
2	PESP8002	Microeconomics III	3
3	PESP8003	Macroeconomics III	3
4	PESP8004	Econometrics III	3
5	PESP8005	Research methodology	3
6	PESP8006	Institutional Economics	3
7	LESP8007	Public Economy III	3
8	LESP8008	Public Sector Economics	3
9	LESP8009	Regional and Urban Economics	3
10	LESP8010	Geographical Economics	3
11	LESP8011	Energy Economy	3
12	LESP8012	Maritime Economy	3
13	LESP8013	Industrial Economy III	3
14	LESP8014	Digital Economy and Technology	3
15	LESP8015	Monetary Economics	3
16	LESP8016	Financial Economics and Banking	3
17	LESP8017	Apprenticeship	3
18	LESP8018	Short Course	6
19	PESP8019	Publication I	3
20	PESP8020	Thesis By Course	12
21	PESP8021	Research proposal	3
22	PESP8004	Econometrics III	3
23	PESP8022	Research 1	4
24	PESP8027	Publication 2	7
25	PESP8024	Research 3	4
26	PESP8023	Research 2	4

No	Eye Code Studying	Course Name	credits
27	PESP8025	Research 4	4
28	LESP8026	Research Results Seminar	3
29	PESP8028	Thesis By Research	6

3. Management

No	Eye Code Studying	Course Name	credits
1	LEMJ8620	STRATEGIC MARKETING	3
2	LEMJ8621	CONSUMER BEHAVIOR ANALYSIS	3
3	LEMJ8630	INVESTMENT AND PORTFOLIO MANAGEMENT	3
4	LEMJ8631	BUSINESS PLANNING AND CORPORATE BUDGET	3
5	LEMJ8640	ORGANIZATIONAL BEHAVIOR ANALYSIS	3
6	LEMJ8641	COMPENSATION MANAGEMENT II	3
7	LEMJ8650	SUPPLY CHAIN MANAGEMENT II	3
8	LEMJ8651	QUALITY MANAGEMENT	3
9	LEMJ8660	STRATEGIC PLANNING	3
10	LEMJ8661	COMPETITIVE ADVANTAGE STRATEGY	3
11	LEMJ8670	OPERATIONAL PERFORMANCE PLANNING AND EVALUATION	3
12	LEMJ8671	PUBLIC SECTOR INVESTMENT AND PORTFOLIO MANAGEMENT	3
13	LEMJ8680	CROSS-CULTURAL MARKETING MANAGEMENT	3
14	LEMJ8681	CROSS-CULTURAL HUMAN RESOURCES MANAGEMENT	3
15	LEMJ8684	WEALTH PROTECTION AND INVESTMENT DECISION (WPID)	3
16	LEMJ8685	STRATEGIC ANALYSIS FOR WEALTH MANAGEMENT (SAWM)	3
17	PEMJ8616	RESEARCH PROJECT I	3
18	PEMJ8610	MARKETING MANAGEMENT III	3
19	PEMJ8611	FINANCIAL MANAGEMENT III	3
20	PEMJ8612	HUMAN RESOURCES MANAGEMENT AND ETHICAL LEADERSHIP	3
21	PEMJ8613	OPERATIONS MANAGEMENT III	3
22	PEMJ8614	CROSS-CULTURAL STRATEGIC MANAGEMENT	3
23	LEMJ8615	TROUBLESHOOTING AND DECISION MAKING	3
24	PEMJ8617	RESEARCH PROJECT II	3
25	LEMJ8622	SALES AND DISTRIBUTION MANAGEMENT	3
26	LEMJ8623	PRODUCT PORTFOLIO ANALYSIS AND BRAND MANAGEMENT	3
27	LEMJ8632	DEBT AND ASSETS MANAGEMENT II	3
28	LEMJ8633	RISK MANAGEMENT II	3
29	LEMJ8642	TRAINING AND DEVELOPMENT MANAGEMENT II	3
30	LEMJ8645	EMOTIONAL INTELLIGENCE	3
31	LEMJ8652	SERVICE OPERATIONS MANAGEMENT II	3
32	LEMJ8653	WAREHOUSE MANAGEMENT II	3
33	LEMJ8662	BUSINESS PORTFOLIO ANALYSIS	3

No	Eye Code Studying	Course Name	credits
34	LEMJ8663	INNOVATION MANAGEMENT AND ORGANIZATIONAL DEVELOPMENT	3
35	LEMJ8672	PUBLIC SECTOR SERVICE QUALITY MANAGEMENT	3
36	LEMJ8673	DIVERSITY MANAGEMENT	3
37	LEMJ8682	CROSS-CULTURAL ORGANIZATIONAL BEHAVIOR	3
38	LEMJ8683	MICRO FINANCE	3
39	LEMJ8686	MANAGING PENSION AND WEALTH DISTRIBUTION (MPWD)	3
40	PEMJ8619	THESIS	6
41	PEMJ8687	QUANTITATIVE RESEARCH METHOD	3
42	PEMJ8688	QUALITATIVE RESEARCH METHOD	3
43	PEMJ8689	META ANALYSIS RESEARCH METHODS	3
44	PEMJ8697	RESEARCH PROPOSAL EXAM	3
45	PEMJ8691	RESEARCH I (1 SINTA PUBLICATION 4 & 1 SINTA PUBLICATION 3)	7
46	PEMJ8692	RESEARCH 2 (2 SINTA 2 PUBLICATIONS)	7
47	PEMJ8698	SEMINAR RESULT	3
48	PEMJ8693	PUBLICATIONS (SCOPUS Q1/Q2)	7
49	PEMJ8694	PUBLICATIONS (SINTA 1)	3
50	PEMJ8699	THESIS EXAM	3

C. FACULTY OF ENGINEERING

1. Architecture

No	Eye Code Studying	Course Name	credits
1	PTAR8610	Research Methodology I	2
2	PTAR8615	Architectural Design I	3
3	PTAR8613	Architectural Critic	2
4	PTAR8612	Humans and Environment	2
5	PTAR8614	Sustainable Development	3
6	PTAR8620	Research Methodology II	2
7	PTAR8623	Architectural Design II	3
8	PTAR8625	Housing and Settlements	3
9	PTAR8622	Conservation and Revitalization	3
10	LTAR8201	Development Problems	2
11	LTAR8202	Environmental Psychology	2
12	LTAR8203	After Occupancy Evaluation	2
13	LTAR8204	Green Building	2
14	PTAR8635	Pre Thesis	3
15	PTAR8633	Architectural Design Studio	4
16	PTAR8634	Apprenticeship	2
17	PTAR8640	Thesis	6
18	PTAR8611	Anthropology and Architecture	2
19	PTAR8624	City Planning II	3
20	PTAR8626	City Infrastructure System	2
21	LTAR8205	Urban Management	2

No	Eye Code Studying	Course Name	credits
22	LTAR8206	Smart City	2
23	LTAR8207	City Informal Sector	2
24	LTAR8208	Urban Disaster Mitigation and Coastal Architecture	2
25	PTAR8632	City Design Studio	4
26	PTAR8627	Building Physics and Environment	2
27	PTAR8628	Tropical Building Technology Design Theory	3
28	LTAR8209	Comfort In Building	2
29	LTAR8210	Statistics and Measurement	2
30	LTAR8211	Green Building Utilization	2
31	LTAR8212	Materials and Recycling	2
32	PTAR8616	City Design I	3
33	LTAR8213	Scientific Writing Architecture	2
34	LTAR8214	Scientific Writing Urban	2
35	LTAR8215	Scientific Writing Tropical	2
36	PTAR8629	Pre-Studio Architectural Design	2

2. Urban and Regional Planning

No	Eye Code Studying	Course Name	credits
1	PTPW8015	Planning and Development Problems	3
2	PTPW8015	Planning and Development Problems	3
3	PTPW8016	Planning and Development Process	3
4	PTPW8016	Planning and Development Process	3
5	PTPW8017	Planning and Development Analysis Method	3
6	PTPW8017	Planning and Development Analysis Method	3
7	LTPW8004	Urban and regional planning	3
8	LTPW8005	Location and Space Theory	2
9	LTPW8006	Regional and City Economics	2
10	LTPW8007	Planning and Governance	2
11	PTPW8001	Planning and Development Problems	3
12	PTPW8002	Development Planning Process	3
13	PTPW8003	Planning Analysis Method	3
14	LTPW8031	City Development Management	3
15	LTPW8031	City Development Management	3
16	LTPW8032	City Space Structure	2
17	LTPW8032	City Space Structure	2
18	LTPW8033	Economics and City Development Financing	2
19	LTPW8033	Economics and City Development Financing	2
20	LTPW8034	City Development Institutions	2
21	LTPW8034	City Development Institutions	2
22	LTPW8047	Regional Development Planning	3
23	LTPW8047	Regional Development Planning	3
24	LTPW8048	Residential System and Regional Infrastructure	2
25	LTPW8048	Residential System and Regional Infrastructure	2
26	LTPW8049	Regional Economics and Policy	2

No	Eye Code Studying	Course Name	credits
27	LTPW8049	Regional Economics and Policy	2
28	LTPW8050	Territory Governance	2
29	LTPW8050	Territory Governance	2
30	LTPW8076	Spatial Planning Practice Theory	3
31	LTPW8076	Spatial Planning Practice Theory	3
32	LTPW8077	Regional and City Spatial System	2
33	LTPW8078	Region and City Activity System	2
34	LTPW8077	Regional and City Spatial System	2
35	LTPW8078	Region and City Activity System	2
36	LTPW8079	Spatial Planning Institutions	2
37	LTPW8079	Spatial Planning Institutions	2
38	LTPW8093	Smart City Planning	3
39	LTPW8094	Smart City Environment and Social System	2
40	LTPW8095	Smart City Economics and Financing	2
41	LTPW8096	Smart City Institutions	2
42	PTPW8085	Academic Writing and Proposal Preparation	0
43	PTPW8086	Presentation and Communication Techniques	2

3. Industrial Engineering and Management

No	Eye Code Studying	Course Name	credits
1	PTID8101	Advanced Statistics	3
2	PTID8103	Industrial Engineering and Management Philosophy	3
3	PTID8104	Industrial Engineering and Management Seminar	1
4	PTID8105	System Thinking	3
5	PTID8106	Research Methodology	3
6	PTID8207	Research proposal	2
7	PTID8308	Results Seminar	2
8	PTID8309	Thesis	4
9	LTID8210	Supply chain engineering	3
10	LTID8211	Supply Chain System Performance Measurement	3
11	LTID8212	Procurement Management	3
12	LTID8213	Distribution and Transportation Management	3
13	LTID8214	Risk Management and Supply Chain	3
14	LTID8215	Lean and Green Supply Chain	3
15	LTID8216	Manufacturing Strategy	3
16	LTID8217	Quality System	3
17	LTID8218	Quality Infrastructure Management	3
18	LTID8219	Productivity Management	3
19	LTID8220	Service Engineering	3
20	LTID8221	Industrial Economy	3
21	LTID8222	Green Manufacturing System	3
22	LTID8223	Working Method Design	3
23	LTID8224	Human Factors in Product Design and Development	3
24	LTID8225	Green Ergonomics	3
25	LTID8226	Occupational safety and health system engineering	3

No	Eye Code Studying	Course Name	credits
26	LTID8227	Industrial Ergonomics Applications	3
27	LTID8228	Digital Human Model Simulation	3
28	LTID8229	Human Performance	3
29	LTID8230	Advanced Cognitive Ergonomics	3
30	LTID8231	E-Business Engineering	3
31	LTID8232	Information Systems Strategic Planning	3
32	LTID8233	Information System Requirements Engineering	3
33	LTID8234	Information Systems Project Management	3
34	LTID8235	Strategic Management	3
35	LTID8236	Product Development and Commercialization	3
36	LTID8237	Engineering Systems Management	3
37	LTID8238	Modern Small Industry Management	3
38	LTID8239	Engineering Project Management	3
39	LTID8240	Knowledge Management	3
40	LTID8241	Business and Enterprise Innovation Management	3
41	PTID8102	Advanced Operational Research	3
42	PTID8042	Human Factors and Ergonomics	2
43	PTID8043	Quantitative Method	2
44	PTID8044	Production Planning and Inventory Control	2
45	PTID8045	Cost Analysis and Estimation	2
46	PTID8106	Research Methodology	3
47	PTID8151	Research proposal	2
48	PTID8252	Scientific article writing 1	3
49	PTID8253	Scientific article writing 2	3
50	PTID8254	Publication of scientific articles 1	3
51	PTID8355	Publication of scientific articles 2	4
52	PTID8356	Publication of scientific articles 3	4
53	PTID8357	Publication of scientific articles 4	4
54	PTID8457	Seminar Results by Research	3
55	PTID8459	Thesis by Research	6

4. Electrical Engineering

No	Eye Code Studying	Course Name	credits
1	PTEL8001	Research Methodology and Scientific Writing	2
2	PTEL8009	Thesis Proposal Writing and Seminar	2
3	PTEL8006	Algorithms and Advanced Computing	3
4	PTEL8003	Smart Computing	3
5	PTEL8007	Advanced Signal Processing and Transformation	3
6	PTEL8008	Advanced Data Communication and Computer Networking	3
7	PTEL8002	Advanced Engineering Mathematics	3
8	PTEL8004	Advanced Electric Power System Analysis	3
9	PTEL8005	Advanced Electrical Energy Conversion	3
10	PTEL8010	Research	5
11	PTEL8011	Expertise and Competency Training	1
12	PTEL8012	Scientific Publications	3

No	Eye Code Studying	Course Name	credits
13	PTEL8013	Thesis Writing	3
14	PTEL8014	Thesis Exam	1
15	PTEL8022	Digital Control System Analysis and Design	3
16	PTEL8023	Antenna for 5G Communication	3
17	PTEL8024	Advanced Enterprise Architecture	3
18	PTEL8025	Telecommunication, Microwave and Antenna System Design	3
19	PTEL8026	Applied Sensor and Instrumentation Technology Design	3
20	PTEL8027	Power Electronics and Advanced Industry	3
21	PTEL8028	Biomedical Instrumentation	3
22	PTEL8029	IoT advanced	3
23	PTEL8030	Mobile and Wireless Networks	3
24	PTEL8031	Multimedia Network	3
25	PTEL8032	Electrical Power System Defense Study	3
26	PTEL8033	Digital Data Security	3
27	PTEL8034	Artificial Intelligence in control	3
28	PTEL8035	Electric Power Quality Conservation and Audit	3
29	PTEL8036	High Voltage and Current Converter	3
30	PTEL8037	Electrical Energy Storage Management and Control	3
31	PTEL8038	Nano Dielectric and High Voltage Insulation Technology	3
32	PTEL8039	Advanced Image Processing and Pattern Recognition	3
33	PTEL8040	Adhoc Network Protocol	3
34	PTEL8041	Advanced Computer Network Simulation	3
35	PTEL8042	Biometrics and Identity Management Systems	3
36	PTEL8043	Nano Systems and Devices	3
37	PTEL8044	Advanced Information System and Decision Making	3
38	PTEL8045	Renewable Energy Source Generator Control System	3
39	PTEL8046	High Current Charge and Discharge Control System	3
40	PTEL8047	Inertial Based Navigation System	3
41	PTEL8048	Data Modeling Neurofuzzy System	3
42	PTEL8049	Artificial Intelligence Schemes in Electric Power Systems	3
43	PTEL8050	5G Communication Stability	3
44	PTEL8051	High Voltage Technology and Advanced Lightning Protection	3
45	PTEL8052	Advanced Digital Signal Processing	3
46	PTEL8053	Advanced Adaptive System	3
47	PTEL8054	Cognitive Radio Network	3
48	PTEL8055	Energy Economics, Tariffs and Forecasts of Electricity Demand	3
49	PTEL8056	Advanced Automation in Electric Power	3
50	PTEL8021	Research Thesis Exam	2
51	PTEL8020	Research Results Seminar	2
52	PTEL8019	Research Thesis Writing	5

No	Eye Code Studying	Course Name	credits
53	PTEL8018	Research Scientific Publications	7
54	PTEL8017	Scientific research	16
55	PTEL8016	Research Proposal Writing and Seminar	3
56	PTEL8015	Literature Review and Initial Research	4
57	PTEL8001	Research Methodology and Scientific Writing	2

5. Chemical Engineering

No	Eye Code Studying	Course Name	credits
1	PTKM8301	Philosophy of Science and Research Methodology	3
2	PTKM8302	Advanced Chemical Engineering Thermodynamics	3
3	PTKM8303	Advanced Displacement Phenomenon	3
4	PTKM8304	Advanced Chemical Reaction Engineering	3
5	PTKM8305	Chemical Engineering Systems Analysis	3
6	PTKM8306	Research proposal	3
7	PTKM8101	Chemical Engineering Seminar in English	1
8	PTKM8308	Publication of Chemical Engineering Scientific Articles	3
9	PTKM8309	Research Results Seminar	3
10	PTKM8610	Thesis	6
11	PTKM8318	Chemical Engineering Thermodynamics	3
12	PTKM8317	Introduction to Chemical Engineering	3
13	PTKM8319	Chemical Engineering Principles	3
14	PTKM8320	Chemical Reaction Engineering	3
15	PTKM8321	Chemical Engineering Mathematics	3
16	PTKM8322	Heat Separation Technology	3
17	LTKM8202	Gas Processing Technology	2
18	LTKM8201	Energy Planning and Policy	2
19	LTKM8203	Non-Renewable Energy Technology	2
20	LTKM8204	Renewable Energy Technology	2
21	LTKM8205	Hydrogen Production and Fuel Cells	2
22	LTKM8206	Combustion Technology	2
23	LTKM8207	Pinch Analysis and Process Integration	2
24	LTKM8208	Food Processing Technology	2
25	LTKM8209	Food Packaging Technology	2
26	LTKM8210	Food Biotechnology	2
27	LTKM8211	Food Safety	2
28	LTKM8212	Food Drying Technology	2
29	LTKM8213	Physical and Chemical Properties of Food	2
30	LTKM8214	Food Product Design	2
31	LTKM8215	Membrane Technology	2
32	LTKM8216	Catalyst and Adsorbent Technology	2
33	LTKM8217	Emulsion and Surfactant Technology	2
34	LTKM8218	Biomedical Materials Technology	2
35	LTKM8219	Physical and Chemical Properties of Solids	2
36	LTKM8220	Adhesive and Coating Technology	2
37	LTKM8221	Composite Technology and Advanced Materials	2
38	LTKM8222	Clean Technology	2

No	Eye Code Studying	Course Name	credits
39	LTKM8223	Waste Treatment Technology	2
40	PTKM8301	Philosophy of Science and Research Methodology	3
41	LTKM8310	Scientific Article Writing and Publishing	3
42	PTKM8306	Research proposal	3
43	PTKM8701	Research 1	7
44	PTKM8102	Research Results Seminar 1	1
45	PTKM8702	Research 2	7
46	PTKM8231	Research Results Seminar 2	2
47	PTKM8703	Scientific Publication of Chemical Engineering Research	7
48	PTKM8610	Thesis	7

6. Environmental Engineering

No	Eye Code Studying	Course Name	credits
1	PTLK8101	Engineering Research Methods	2
2	PTLK8102	Environmental Data Analysis	2
3	PTLK8103	Pollution Control Technology	2
4	PTLK8104	Water Resources Engineering	2
5	PTLK8105	Environmental Engineering Simulation	2
6	PTLK8202	Water Treatment Engineering	2
7	PTLK8201	Thesis proposal	3
8	PTLK8203	Wastewater Treatment Engineering	2
9	PTLK8204	Waste and B3 Waste Processing Engineering	2
10	PTLK8205	Gas and particulate waste treatment engineering	2
11	PTLK8206	Soil Remediation Engineering	2
12	PTLK8207	Residential Sanitation Infrastructure and Facilities Engineering	2
13	PTLK8208	Urban Drainage Design Engineering	2
14	PTLK8209	Urban Water Supply System Engineering	2
15	PTLK8210	Landfill Engineering and Rehabilitation	2
16	PTLK8211	Urban Sewerage Engineering	2
17	PTLK8301	Climate change	2
18	PTLK8302	Desalination Technology and Water Utilization	2
19	PTLK8303	Environmental Infrastructure Reliability Technology	2
20	PTLK8304	Environmental Phytotechnology	2
21	PTLK8305	Environmental Infrastructure Site Investigation	2
22	PTLK8306	Indoor Air Quality in the Built Environment	2
23	PTLK8307	Environmental Carrying and Capacity Engineering	2
24	PTLK8308	Built Environment Engineering	2
25	PTLK8309	Bioprocess Energy System	2
26	PTLK8310	Capita Selecta	2
27	LTLK8311	Internship in Institution/Industry	4
28	LTLK8312	Research in institutions/industry	4
29	PTLK8401	Seminars and Publications	3
30	PTLK8402	Thesis	6

No	Eye Code Studying	Course Name	credits
31	PTLK8101	Engineering Research Methods	2
32	PTLK8102	Environmental Data Analysis	2
33	PTLK8103	Pollution Control Technology	2
34	PTLK8104	Water Resources Engineering	2
35	PTLK8105	Environmental Engineering Simulation	2
36	PTLK8402	Thesis	6
37	PTLK8106	Thesis Research Proposal	3
38	PTLK8107	Research I	9
39	PTLK8121	Research II	8
40	PTLK8213	Results Seminar	3
41	LTLK8214	Research in institutions/industry	4
42	PTLK8313	Publication	7

7. Mechanical Engineering

No	Eye Code Studying	Course Name	credits
1	PTMS8611	Technical Analysis I	2
2	PTMS8621	Technical Analysis II	2
3	PTMS8613	Advanced Fluid Mechanics	3
4	PTMS8714	Advanced Thermodynamics	3
5	PTMS8615	Advanced Engineering Materials	3
6	PTMS8735	Material Surface Engineering	3
7	PTMS8617	Advanced Material Strength Mechanics	3
8	PTMS8724	Special Project	2
9	PTMS8741	Thesis Writing	2
10	PTMS8732	Thesis Research	4
11	PTMS8733	Thesis Seminar	2
12	PTMS8612	Philosophy of Science and Research Methodology	3
13	PTMS8742	Scientific work	2
14	LTMS8792	Engineering Tribology	3
15	LTMS8743	Product Design and Development Methodology	3
16	LTMS8624	New Material	3
17	LTMS8625	Product and Process Design	3
18	LTMS8786	Biomaterials	3
19	LTMS8782	Material Selection	3
20	LTMS8770	Failure Analysis	3
21	LTMS8777	Materials, Energy and Environment	3
22	LTMS8760	CFD	3
23	LTMS8769	Moisture Reduction Technology	3
24	PTMS8631	Computational Analysis	2
25	PTMS8618	Optimal Design Principles	3
26	PTMS8710	CAD/CAM/CAE	3
27	PTMS8619	Machining Process	3
28	PTMS8801	Scientific Article Writing	3
29	PTMS8802	Presentation Techniques	2
30	PTMS8803	Proposal Seminar	2

No	Eye Code Studying	Course Name	credits
31	PTMS8850	Research Research	14
32	PTMS8851	Scientific Work 1	5
33	PTMS8853	Scientific Work 2	7
34	PTMS8854	Research Results Seminar	3

8. Civil Engineering

No	Eye Code Studying	Course Name	credits
1	PTSP8101	Statistics and Probability	2
2	PTSP8101	Statistics and Probability	2
3	PTSP8102	Research design	2
4	PTSP8102	Research design	2
5	PTSP8103	Proposal Writing	3
6	PTSP8103	Proposal Writing	3
7	PTSP8104	Hydrological Analysis and Modeling	3
8	PTSP8105	Hydraulics Analysis and Modeling	3
9	PTSP8106	Traffic Flow Theory	3
10	PTSP8107	Transportation Systems and Engineering	3
11	PTSP8109	Engineering Mathematics and Numerical Analysis	2
12	PTSP8110	Experimental Method	3
13	PTSP8111	Theory of Elasticity and Plasticity	3
14	PTSP8112	Construction Project Management	3
15	PTSP8113	Construction Innovation and Productivity	3
16	PTSP8112	Construction Project Management	3
17	PTSP8114	Dam Design Standards	3
18	PTSP8115	Dam Engineering	3
19	PTSP8116	Group Field Work	2
20	PTSP8117	Steel Structure Behavior	3
21	PTSP8213	Behavior of Concrete Structure	3
22	PTSP8118	Hydro-Meteorological Instrumentation	3
23	PTSP8119	Dam Safety Instrumentation	3
24	PTSP8113	Construction Innovation and Productivity	3

D. FACULTY OF MEDICINE

1. Nursing

No	Eye Code Studying	Course Name	credits
1	PDIP8001	Nursing Philosophy and Theory	2
2	PDIP8002	Health Ethics and Law	2
3	PDIP8003	Nursing Research	3
4	PDIP8004	Leadership and Management in Health Services	3
5	PDIP8005	Evidence Based Practice	2
6	PDIP8006	Holistic Nursing	2
7	PDIP8016	Nursing and Health Resource Management	2

No	Eye Code Studying	Course Name	credits
8	PDIP8017	Nursing Leadership in the National Health System	2
9	PDIP8019	Quality Management of Nursing and Health Services	2
10	PDIP8020	Nursing Entrepreneurship in Health Systems	2
11	PDIP8012	Mentorship and Preceptorship	2
12	PDIP8013	Quantitative Data Analysis	2
13	PDIP8014	Qualitative Research Methodology	2
14	PDIP8015	Occupational Health Nursing	2
15	PDIP8008	Thesis Proposal Development	4
16	PDIP8021	Nursing Leadership and Management Innovation in Health Services	3
17	PDIP8026	Innovation in Medical Surgical Nursing Services	3
18	PDIP8031	Innovation in Critical Nursing Services	3
19	PDIP8036	Innovation in Maternity Nursing Services	3
20	PDIP8041	Innovation in Mental Nursing Services	3
21	PDIP8047	Innovation in Community Nursing Services	3
22	PDIP8009	Thesis Results Seminar	2
23	PDIP8010	Thesis	3
24	PDIP8011	Scientific Publications	3
25	PDIP8042	Family Nursing	2
26	PDIP8043	Community Nursing	2
27	PDIP8037	Mental Health Nursing	2
28	PDIP8038	Psychiatric Nursing	3
29	PDIP8039	Community Mental Health Nursing	2
30	PDIP8040	Modality Therapy in Mental Nursing	3
31	PDIP8032	Maternity Nursing I	3
32	PDIP8033	Maternity Nursing II	3
33	PDIP8034	Women's Health	2
34	PDIP8035	Reproductive Counseling	2
35	PDIP8027	Critical Nursing Assessment	2
36	PDIP8029	Critical Nursing Management 1	3
37	PDIP8030	Critical Nursing Management 2	3
38	PDIP8022	Medical Surgical Nursing Assessment	2
39	PDIP8023	Pathophysiology and Pharmacology	2
40	PDIP8024	Medical Surgical Nursing Care 1	3
41	PDIP8025	Medical Surgical Nursing Care 2	3
42	PDIP8018	Nursing Strategy and Policy Management in Health Services	2
43	PDIP8028	Pathophysiology and Pharmacology	2
44	PDIP8046	Epidemiology and Demographics	2
45	PDIP8044	Health Program Planning and Evaluation	2
46	PDIP8045	Community Health Service System and Policy	2
47	PDIP8001	Nursing Philosophy and Theory	2
48	PDIP8003	Nursing Research	3

No	Eye Code Studying	Course Name	credits
49	PDIP8048	Thesis Proposal Development	3
50	PDIP8049	Research I	7
51	PDIP8050	Research II	7
52	PDIP8051	Results Seminar	3
53	PDIP8052	Scientific Publications	7
54	PDIP8053	Thesis	6

2. Biomedical Science

No	Eye Code Studying	Course Name	credits
1	PDIB8111	Cell Biology and Molecular Biology	2
2	PDIB8112	Medical Genetics	2
3	PDIB8113	General Pathobiology	1
4	LDIB8114	Basic Immunology	2
5	PDIB8115	Infectious Agent	1
6	LDIB8116	Basics of Medical Herbs	2
7	PDIB8117	Tropical Diseases	2
8	PDIB8118	Advanced Immunology	2
9	PDIB8119	Advanced Medical Herbs	2
10	PDIB8120	Clinical Immunology	2
11	PDIB8121	Cell Injury and Adaptation	2
12	PDIB8122	Inflammation, Repair and Hemostasis	2
13	PDIB8123	Histochemistry and Immunohistochemistry	2
14	PDIB8124	Oncology and Cytology	2
15	PDIB8125	Immunopathology	2
16	PDIB8126	Genetic, Metabolic and Aging Diseases	1
17	PDIB8127	Pathobiology Laboratory Engineering	1
18	PDIB8131	Clinical Genetics	6
19	LDIB8132	Genetic Counseling	6
20	PDIB8133	Human Genetics	5
21	PDIB8134	Basic Psychology	2
22	PDIB8211	Philosophy of Science and Ethics of Biomedical	1
23	PDIB8212	Research Methodology and Evidence Based Medicine	4
24	PDIB8213	Biostatistics	2
25	PDIB8214	Thesis Writing and Scientific Publication Techniques	1
26	PDIB8231	Genetic Counseling Clinic Practice	4
27	PDIB8232	Genetics Laboratory Practice	3
28	PDIB8311	Thesis proposal	4
29	PDIB8411	Thesis	6
30	PDIB8140	Clinical Immunology	1
31	PDIB8141	Clinical Pharmacology	1
32	PDIB8142	Surgical Anatomy	1
33	PDIB8143	Anatomical Pathology	1
34	PDIB8144	Clinical Nutrition	1
35	PDIB8145	Clinical Physiology	1
36	PDIB8146	Neurosurgery	1
37	PDIB8147	Thoracic and Vascular Surgery	1

No	Eye Code Studying	Course Name	credits
38	PDIB8241	Orthopedic Surgery	1
39	PDIB8242	Urological Surgery	1
40	PDIB8243	Digestive Surgery	1
41	PDIB8244	Surgical Oncology	1
42	PDIB8245	Plastic and Reconstructive Surgery	1
43	PDIB8246	Pediatric Surgery	1
44	PDIB8247	Anesthesiology and Surgical Intensive Care (ICU)	1
45	PDIB8248	Basic Surgical and Laparoscopic Clinical Skills	1
46	PDIB8249	Radiology and Surgical Support	1
47	PDIB8911	Immunology	2
48	PDIB8912	Tropical Diseases	2
49	PDIB8914	Research Proposal Development	3
50	PDIB8915	Research Phase I	7
51	PDIB8916	Phase II Research	7
52	PDIB8917	Research Results Seminar	3
53	PDIB8918	Publication	7
54	PDIB8919	Thesis	6
55	PDIB8922	Advanced Pathobiology	3
56	PDIB8921	General Pathobiology	3
57	PDIB8931	Medical Genetics	2
58	PDIB8932	Genetic Counseling	4

3. Nutritional Science

No	Eye Code Studying	Course Name	credits
1	PDIG8210	Research methodology	3
2	PDIG8211	Proposal Development	2
3	PDIG8212	Proposal Exam	3
4	PDIG8220	Research I (Progress report I)	7
5	PDIG8230	Research II (Progress report II)	7
6	PDIG8231	Results Seminar	3
7	PDIG8240	Publication	7
8	PDIG8241	Thesis	6
9	PDIG8110	Philosophy of Science and Bio Ethics	1
10	PDIG8111	Research methodology	3
11	PDIG8112	Advanced Nutrition	2
12	PDIG8113	Metabolism of Macro and Micro Nutrients	2
13	PDIG8114	Assessment of Nutritional Status (P)	2
14	PDIG8115	Nutritional Epidemiology	2
15	PDIG8116	Molecular Nutrition	2
16	PDIG8117	Community Nutrition Problems	2
17	PDIG8120	Proposal Development	2
18	PDIG8121	Advanced Biostatistics (P)	2
19	PDIG8123	Nutrition Promotion	2
20	PDIG8124	Food Economy and Policy	2
21	PDIG8125	Advanced Nutrition Program Planning (F)	2

No	Eye Code Studying	Course Name	credits
22	PDIG8118	Pathogenesis of Nutritional Disease	2
23	PDIG8126	Nutritional Care for Adult and Geriatric Patients	2
24	PDIG8127	Nutritional Care for Pediatric Patients	2
25	PDIG8130	Thesis Proposal Seminar	1
26	PDIG8131	thesis writing	4
27	PDIG8132	Research Results Seminar	2
28	PDIG8133	Publication	3
29	LDIG8000	Gastrointestinal Microbiota	2
30	LDIG8001	Nutrition for Patients with Special Needs	2
31	LDIG8002	Nutritional Growth	2
32	LDIG8003	Nutritional Intervention Food Product Development	2
33	LDIG8004	Disaster Nutrition	2
34	LDIG8005	Sports Nutrition	2
35	LDIG8006	Molecular Analysis and Application (P)	2
36	LDIG8007	Aging Nutrition	2
37	LDIG8008	Functional and Nutraceutical Foods (P)	2
38	LDIG8009	Food Safety	2
39	LDIG8010	Eco-marine Nutrition	2
40	LDIG8011	International Research Course	2
41	PDIG8110	Philosophy of Science and Bio Ethics	1
42	PDIG8111	Research methodology	3
43	PDIG8112	Advanced Nutrition	2
44	PDIG8113	Metabolism of Macro and Micro Nutrients	2
45	PDIG8114	Assessment of Nutritional Status (P)	2
46	PDIG8115	Nutritional Epidemiology	2
47	PDIG8116	Molecular Nutrition	2
48	PDIG8117	Community Nutrition Problems	2
49	PDIG8118	Pathogenesis of Nutritional Disease	2
50	PDIG8120	Proposal Development	2
51	PDIG8121	Advanced Biostatistics (P)	2
52	PDIG8123	Nutrition Promotion	2
53	PDIG8124	Food Economy and Policy	2
54	PDIG8125	Advanced Nutrition Program Planning (F)	2
55	PDIG8126	Nutritional Care for Adult and Geriatric Patients	2
56	PDIG8127	Nutritional Care for Pediatric Patients	2
57	PDIG8130	Thesis Proposal Seminar	1
58	PDIG8131	thesis writing	4
59	PDIG8132	Research Results Seminar	2
60	PDIG8133	Publication	3
61	LDIG8000	Gastrointestinal Microbiota	2
62	LDIG8001	Nutrition for Patients with Special Needs	2
63	LDIG8002	Nutritional Growth	2
64	LDIG8003	Nutritional Intervention Food Product Development	2
65	LDIG8004	Disaster Nutrition	2
66	LDIG8005	Sports Nutrition	2
67	LDIG8006	Molecular Analysis and Application (P)	2
68	LDIG8007	Aging Nutrition	2
69	LDIG8008	Functional and Nutraceutical Foods (P)	2
70	LDIG8009	Food Safety	2

No	Eye Code Studying	Course Name	credits
71	LDIG8010	Eco-marine Nutrition	2
72	LDIG8011	International Research Course	2

E. FACULTY OF LIVESTOCK AND AGRICULTURE

1. Agribusiness

N o	Eye Code Studying	Course Name	credits
1	PPAB8101	Science phylosophy	2
2	PPAB8102	Agribusiness Human Resource Management	2
3	PPAB8103	Econometrics	2
4	PPAB8105	Ecotourism	2
5	PPAB8104	Agroindustry Business	2
6	PPAB8106	Leadership and Entrepreneurship	2
7	PPAB8207	Investment Analysis	2
8	PPAB8208	Agribusiness System	2
9	PPAB8209	Research methodology	3
10	PPAB8210	Agribusiness Development Strategy and Policy	2
11	PPAB8211	Supply Chain Management	2
12	PPAB8212	Empowerment Program Planning and Evaluation	2
13	LPAB8313	Small and Medium Business Management	2
14	LPAB8314	Operations and Production Management	3
15	LPAB8315	Managerial Accounting	0
16	LPAB8316	International Business	2
17	LPAB8317	Agribusiness Marketing Research	2
18	LPAB8318	Consumer behavior	2
19	LPAB8319	Marketing strategy	2
20	LPAB8320	Business Law	2
21	LPAB8321	Agricultural and Livestock Agribusiness Resources	2
22	LPAB8322	Plantation and Forestry Agribusiness Resources	2
23	LPAB8323	Fishery Agribusiness Resources	2
24	LPAB8324	Agribusiness Planning	2
25	LPAB8325	Agrotourism Development Strategy	2
26	LPAB8326	Agribusiness Technology	2
27	LPAB8327	Food Security Strategy and Policy	2
28	LPAB8328	Agribusiness Development Strategy	2
29	LPAB8329	Communication Strategy	2
30	LPAB8330	Agribusiness Information System	2
31	PPAB8331	colloquium	1
32	PPAB8332	Job training	0
33	PPAB8433	Research Results Seminar	1
34	PPAB8434	Publication	3
35	PPAB8435	Thesis	6

N o	Eye Code Studying	Course Name	credits
36	LPAB8601	Science phvlosophy	2
37	LPAB8602	Research methodology	3
38	PPAB8603	Agribusiness Development System	2
39	PPAB8604	Proposal Writing	3
40	PPAB8605	Scientific article writing	2
41	PPAB8706	Research 1	2
42	PPAB8707	colloquium	2
43	PPAB8708	Research 2	4
44	PPAB8709	Publication 1	3
45	PPAB8810	Seminar results	3
46	PPAB8811	Thesis Writing	2
47	PPAB8812	Publication 2	7
48	PPAB8813	Job training	0
49	PPAB8914	Thesis	6

2. Ranch

No	Eye Code Studying	Course Name	credits
1	PPIT8116	Ruminant Nutrition	3
2	PPIT8104	Livestock Ecology and Bionomy	3
3	PPIT8103	Livestock Growth Physiology	3
4	PPIT8101	Livestock Breeding	3
5	PPIT8102	Comparative Nutrition Science	3
6	PPIT8105	Experimental Design and Statistical Analysis	3
7	PPIT8115	Monogastric Nutrition	3
8	PPIT8207	Research Methods and Scientific Writing	2
9	PPIT8208	colloquium	3
10	PPIT8110	Results Seminar	3
11	PPIT8211	Scientific publications	3
12	PPIT8212	Thesis	6
13	PPIT8106	Feed Resource Management	2
14	PPIT8114	Histology and Physiology of Lactation	2
15	PPIT8117	Lactation Nutrition	2
16	PPIT8118	Animal Husbandry Social Quantitative Method	3
17	PPIT8119	Feed Quality Control Techniques and Management	2
18	PPIT8120	Group Dynamics and Extension Strategies	3
19	PPIT8121	Livestock Product Biotechnology	3
20	PPIT8122	Leather Technology and Livestock By-products	2
21	PPIT8123	Land Resource Analysis	2
22	PPIT8125	Livestock Development Economics	2
23	PPIT8230	Livestock Breeding Technology	2
24	PPIT8231	Nutritional Biochemistry	2
25	PPIT8234	Animal Product Processing Science and Technology	3
26	PPIT8235	Forage Ecology and Production	2
27	PPIT8236	Livestock Development Strategy	3
28	PPIT8237	Livestock Project Feasibility Evaluation	3
29	PPIT8238	Feed Biotechnology	3

No	Eye Code Studying	Course Name	credits
30	PPIT8239	Livestock Product Quality and Safety	3
31	PPIT8240	Feed Plant Biotechnology	3
32	PPIT8241	Animal-Originated Food Chemistry	3
33	PPIT8243	Apprenticeship	3
34	PPIT8244	Summer course	3
35	PPIT8245	Specific Problems of Livestock Development Planning	3
36	LPIT8226	Slaughter Livestock Production Science and	3
37	PPIT8246	Special Problems in Animal Product Science and Technology	3
38	LPIT8227	Dairy Livestock Production Science and Technology	3
39	LPIT8228	Poultry Livestock Production Science and Technology	3
40	LPIT8232	Ruminant Feed	3
41	LPIT8233	Poultry and Monogastric Feed	2
42	LPIT8113	Livestock Reproduction Technology	2
43	LPIT8229	Livestock Reproductive Physiology	3
44	PPIT8105	Experimental Design and Statistical Analysis	3
45	PPIT8208	colloquium	3
46	PPIT8048	Research 1	6
47	PPIT8049	Research 2	7
48	PPIT8110	Results Seminar	3
49	PPIT8047	Scientific Publications	7
50	PPIT8212	Thesis	6
51	PPIT8106	Feed Resource Management	2
52	PPIT8114	Histology and Physiology of Lactation	0
53	PPIT8115	Monogastric Nutrition	3
54	PPIT8116	Ruminant Nutrition	3
55	PPIT8117	Lactation Nutrition	2
56	PPIT8118	Animal Husbandry Social Quantitative Method	3
57	PPIT8119	Feed Quality Control Techniques and Management	2
58	PPIT8120	Group Dynamics and Extension Strategies	3
59	PPIT8121	Livestock Product Biotechnology	3
60	PPIT8122	Leather Technology and Livestock By-products	2
61	PPIT8123	Land Resource Analysis	2
62	PPIT8124	Feed Industry	3
63	PPIT8125	Livestock Development Economics	2
64	PPIT8230	Livestock Breeding Technology	2
65	PPIT8231	Nutritional Biochemistry	3
66	PPIT8234	Animal Product Processing Science and Technology	3
67	PPIT8235	Forage Ecology and Production	2
68	PPIT8236	Livestock Development Strategy	3
69	PPIT8237	Livestock Project Feasibility Evaluation	3
70	PPIT8238	Feed Biotechnology	3
71	PPIT8239	Livestock Product Quality and Safety	3
72	PPIT8240	Feed Plant Biotechnology	3
73	PPIT8241	Animal-Originated Food Chemistry	3
74	PPIT8243	Apprenticeship	3
75	PPIT8245	Special Problems of Development Planning	3

No	Eye Code Studying	Course Name	credits
		Farm	
76	PPIT8246	Special Problems in Animal Product Science and Technology	3
77	LPIT8226	Slaughter Livestock Production Science and	3
78	LPIT8227	Dairy Livestock Production Science and Technology	3
79	LPIT8228	Poultry Livestock Production Science and Technology	3
80	LPIT8232	Ruminant Feed	3
81	LPIT8233	Poultry and Monogastric Feed	2
82	LPIT8113	Livestock Reproduction Technology	2
83	LPIT8229	Livestock Reproductive Physiology	3

F. FACULTY OF CULTURAL SCIENCE

1. Linguistics

No	Eye Code Studying	Course Name	credits
1	PBLG8011	Generative Phonology	2
2	PBLG8012	Generative Morphosyntaxis	2
3	PBLG8013	Natural Semantic Metalanguage	2
4	PBLG8014	Cognitive Linguistics	2
5	PBLG8015	General Linguistic Research Methods and Scientific Writing Techniques	2
6	PBLG8121	Sociodialectology	2
7	PBLG8122	Cross-Cultural Pragmatics	2
8	PBLG8221	Second Language Acquisition	2
9	PBLG8222	Needs Analysis and Syllabus Design	2
10	PBLG8321	Language Typology	2
11	PBLG8322	Language Retention and Shift	2
12	PBLG8323	Language Teaching Theory and Methods	2
13	PBLG8324	Language Evaluation and Test	2
14	PBLG8325	Development of Teaching Materials	2
15	LBLG8421	Linguistic Anthropology	2
16	LBLG8422	Translation Learning Method	2
17	LBLG8423	Language Teaching Research Statistics	2
18	PBLG8521	Literature review	2
19	PBLG8522	Data collection	2
20	PBLG8523	Data analysis	2
21	PBLG8524	Presentation of Results	2
22	PBLG8525	Preparation of reports	2
23	PBLG8031	Scientific Paper Publications	3
24	PBLG8032	Thesis Proposal Seminar	2
25	PBLG8041	Research Results Seminar	2
26	PBLG8042	Thesis Exam	6
27	LBLG8721	Critical Discourse Analysis	2
28	LBLG8722	Communication Ethnography	2
29	PBLG8016	Applied Linguistic Research Methods and Scientific Writing Techniques	2
30	PBLG8611	Capita Selecta General & Applied Linguistics	2

No	Eye Code Studying	Course Name	credits
31	PBLG8612	Corpus-Based Research Methods & Techniques	2
32	PBLG8613	Article Writing Draft	2
33	PBLG8621	Uploaded articles	2
34	PBLG8622	Articles accepted for publication	3
35	PBLG8614	Proposal Writing and Seminar	3
36	PBLG8631	Results Seminar	3
37	PBLG8632	Thesis Feasibility Seminar	3
38	PBLG8615	Literature review	3
39	PBLG8623	Data collection	2
40	PBLG8624	Analysis and Reporting	5
41	PBLG8641	Thesis Presentation Exam	7

2. History

No	Eye Code Studying	Course Name	credits
1	PBSJ8003	Philosophy of Science	2
2	PBSJ8004	Historical Research Theory and Methodology	2
3	PBSJ8008	Maritime History	2
4	PBSJ8009	Dutch language	3
5	PBSJ8011	Bibliography of Indonesian History and Archival Research	2
6	PBSJ8006	Historiography	2
7	PBSJ8025	Maritime Sociology	2
8	PBSJ8013	Maritime Anthropology	2
9	PBSJ8016	History of the Government System	2
10	PBSJ8001	Nationalism and National Character	2
11	PBSJ8002	Integration Theory	2
12	PBSJ8007	Capita Selecta History of Indonesia	2
13	PBSJ8026	Proposal Writing	3
14	PBSJ8019	Sociology of development	2
15	PBSJ8024	History of Education	2
16	PBSJ8027	Study	3
17	PBSJ8028	Results Seminar	2
18	PBSJ8029	Publication	3
19	PBSJ8030	Thesis	6
20	PBSJ8005	Historical Research Theory and Methodology	3
21	PBSJ8007	Capita Selecta History of Indonesia	2
22	PBSJ8026	Proposal Writing	3
23	PBSJ8028	Results Seminar	3
24	PBSJ8029	Publication	7
25	PBSJ8030	Thesis	6
26	PBSJ8020	Study	16

3. Literature

No	Eye Code Studying	Course Name	credits
1	PBIS8001	Cultural Theory	2
2	PBIS8002	Philosophy and Methods of Science	2
3	PBIS8003	Critical Theories	2
4	PBIS8004	Literary Theory	2
5	PBIS8005	Coastal Literature and Cultural Studies	2
6	LBIS8307	Literary Sociology	2
7	PBIS8009	Literary Research Methods and Cultural Studies	2
8	LBIS8306	Semiotics	2
9	PBIS8020	Thesis	6
10	PBIS8008	Capita Selecta for Literary Research	3
11	PBIS8010	Principals and Figures of Indonesian Literature	2
12	PBIS8011	Principals and Figures of English Literature	2
13	PBIS8012	Comparative Literature	2
14	LBIS8314	Study of Contemporary Indonesian-English Literature	2
15	LBIS8315	Literary and Cultural Aesthetics	2
16	PBIS8016	Articles in Journal	3
17	LBIS8318	Feminist Literary Studies	2
18	LBIS8319	Multiculturalism in Literature	2
19	PBIS8013	Thesis Proposal Writing	3
20	PBIS8017	Seminar on Thesis Proposal Results	3
21	PBIS8029	Introduction to Literature (Matriculation)	0
22	PBIS8009	Literary Research Methods and Cultural Studies	2
23	PBIS8002	Philosophy and Methods of Science	2
24	PBIS8004	Literary Theory	2
25	PBIS8021	Literature Research Literature Study	3
26	PBIS8022	Methods of Literature in Research	3
27	PBIS8023	Selection of Literary Theory Foundation	3
28	PBIS8024	Analysis of Literature in Research	3
29	PBIS8025	Thesis Feasibility Test Seminar	3
30	PBIS8020	Thesis	6
31	PBIS8026	Submit articles to Scopus Indexed International Journals	3
32	PBIS8027	Published Articles in Scopus Indexed International Journals	4
33	PBIS8013	Thesis Proposal Writing	3
34	PBIS8017	Seminar on Thesis Proposal Results	3
35	PBIS8029	Introduction to Literature (Matriculation)	0

G. FACULTY OF SOCIAL AND POLITICAL SCIENCE

1. Business Administration

No	Eye Code Studying	Course Name	credits
1	PSAB8001	Administrative Philosophy	3
2	PSAB8002	Research Methods and Scientific Writing	3
3	PSAB8014	Reading Course	3

No	Eye Code Studying	Course Name	credits
4	PSAB8015	Capita Selecta Business Administration	3
5	PSAB8008	Proposal Seminar	3
6	PSAB8016	Publication	7
7	PSAB8017	Results Seminar	3
8	PSAB8018	Thesis	6
9	PSAB8030	Innovation and Creativity Management	3
10	PSAB8031	Intellectual Property Protection	3
11	PSAB8032	Organizational Development for Enterprise Sustainability	3
12	PSAB8033	Leadership in Crisis Management	3
13	PSAB8034	Sustainable Tourism	3
14	PSAB8035	Tourism Policy, Planning and Development	3
15	PSAB8036	Supply Chain Strategy, Planning and Operations	3
16	PSAB8037	Logistics and Distribution Management	3
17	PSAB8009	Data collection	5
18	PSAB8001	Administrative Philosophy	3
19	PSAB8002	Research Methods and Scientific Writing	3
20	PSAB8003	Corporate governance	3
21	PSAB8004	Business and Corporate Strategy	3
22	PSAB8005	Organizational Theory and Behavior	3
23	PSAB8006	Strategy Entrepreneurship	3
24	PSAB8007	Learning Organization and Knowledge Management	3
25	PSAB8008	Proposal Seminar	3
26	PSAB8011	Publication	3
27	PSAB8013	Thesis	6
28	PSAB8030	Innovation and Creativity Management	3
29	PSAB8031	Intellectual Property Protection	3
30	PSAB8032	Organizational Development for Enterprise Sustainability	3
31	PSAB8033	Leadership in Crisis Management	3
32	PSAB8034	Sustainable Tourism	3
33	PSAB8035	Tourism Policy, Planning and Development	3
34	PSAB8036	Supply Chain Strategy, Planning and Operations	3
35	PSAB8037	Logistics and Distribution Management	3
36	PSAB8002	Research Methods and Scientific Writing	3
37	PSAB8004	Business and Corporate Strategy	3
38	PSAB8001	Administrative Philosophy	3
39	PSAB8005	Organizational Theory and Behavior	3
40	PSAB8003	Corporate governance	3

2. Public Administration

No	Eye Code Studying	Course Name	credits
1	PSAP8007	Administrative Research Methodology	3
2	LSAP8001	Administration and Organization Theory	3
3	LSAP8002	Public Policy and Applications	3
4	LSAP8003	Public Sector Management	3
5	LSAP8004	Political Economy and Development	3
6	LSAP8005	Public Policy Analysis	3
7	LSAP8006	Article Writing Techniques	3
8	PSAP8009	Publication	3
9	PSAP8010	Results Seminar (Thesis)	6
10	LSAP8008	Proposal Seminar	3
11	LSAP8016	Public Service Management and Innovation	3
12	LSAP8017	Decentralization and Regional Autonomy	3
13	LSAP8018	Public Financial Management	3
14	LSAP8019	Risk Management	3
15	LSAP8020	Strategic Management	3
16	LSAP8021	Public Policy Formulation Process	3
17	LSAP8022	Public Policy Implementation and Evaluation	3
18	LSAP8023	Administration and Policy Comparison	3
19	LSAP8024	Legal Drafting	3
20	PSAP8025	Thesis	6
21	PSAP8011	Field Research	7
22	PSAP8012	Field Results Seminar	3
23	PSAP8015	Writing Research Results	7

3. Communication Science

No	Eye Code Studying	Course Name	credits
1	PSIK8001	Media, Culture, and Society Theories	3
2	PSIK8002	Qualitative Research Method	3
3	PSIK8003	Quantitative Research Methods	3
4	PSIK8004	Media Philosophy and Ethics	3
5	PSIK8005	Contemporary Issues of Media, Culture, and Society	3
6	PSIK8006	Literature Review & Thesis Seminar	3
7	LSIK8007	Advanced Research Methods	3
8	LSIK8008	Digital Journalism	3
9	LSIK8009	Media, Gender and Sexuality	3
10	LSIK8010	Media Political Economy	3
11	PSIK8011	Publication 1	3
12	PSIK8012	Results Seminar	3
13	PSIK8013	Thesis	6
14	PSIK8014	Principles of Strategic Communication	3
15	PSIK8015	Communication Philosophy and Ethics	3
16	PSIK8016	Contemporary Issues in Strategic Communication	3
17	LSIK8017	Political Persuasion and Propaganda	3
18	LSIK8018	Strategic Communication for Social Change	3

No	Eye Code Studying	Course Name	credits
19	LSIK8019	Digital Marketing	3
20	LSIK8020	Corporate Communication	3
21	PSIK8006	Literature Review & Thesis Seminar	3
22	PSIK8021	Field Research 1	5
23	PSIK8022	Field Research 2	6
24	PSIK8023	Publication 2	7
25	PSIK8012	Results Seminar	3
26	PSIK8013	Thesis	6
27	PSIK8001	Media, Culture, and Society Theories	3
28	PSIK8002	Qualitative Research Method	3
29	PSIK8003	Quantitative Research Methods	3
30	PSIK8004	Media Philosophy and Ethics	3
31	PSIK8005	Contemporary Issues of Media, Culture, and Society	3
32	LSIK8007	Advanced Research Methods	3
33	LSIK8008	Digital Journalism	3
34	LSIK8009	Media, Gender and Sexuality	3
35	LSIK8010	Media Political Economy	3
36	PSIK8014	Principles of Strategic Communication	3
37	PSIK8015	Communication Philosophy and Ethics	3
38	PSIK8016	Contemporary Issues in Strategic Communication	3
39	LSIK8017	Political Persuasion and Propaganda	3
40	LSIK8018	Strategic Communication for Social Change	3
41	LSIK8019	Digital Marketing	3
42	LSIK8020	Corporate Communication	3

4. Political Science

No	Eye Code Studying	Course Name	credits
1	PSPL8001	Introduction to Political Research	3
2	PSPL8002	Proposal Writing Seminar	3
3	PSPL8003	Field Research 1	2
4	PSPL8004	Seminar Results 1	1
5	PSPL8005	Thesis	6
6	PSPL8006	Publication 1	3
7	PSPL8011	Social and Political Theory	3
8	PSPL8012	Politics and Policy Analysis	3
9	PSPL8013	Introduction to Digital Politics	3
10	LSPL8031	Politics of Planning and Budgeting in Developing Countries	3
11	PSPL8015	Spatial Politics, Environment and Natural Resources	3
12	PSPL8016	Political Parties and Interest Groups	3
13	PSPL8017	Digital Democracy	3
14	PSPL8018	Digital Political Issues	3
15	PSPL8019	Digital Governance	3
16	PSPL8020	Election System and Regulation	3

No	Eye Code Studying	Course Name	credits
17	PSPL8021	Election Institutions	3
18	PSPL8022	Election Finance and Logistics Governance	3
19	PSPL8023	Malpractice, Ethics and Electoral Fairness	3
20	PSPL8024	Politics of Crisis and Disaster Policy	3
21	LSPL8025	Social Policy Politics	3
22	LSPL8026	Global Populism and Activism	3
23	LSPL8027	Politics of Violence and Peace	3
24	LSPL8028	Islamic Political Theory	3
25	LSPL8029	International Development and Humanity	3
26	LSPL8030	Digital Politics in Southeast Asia	3
27	PSPL8014	Gender Politics and Policy	3
28	PSPL8001	Introduction to Political Research	3
29	PSPL8002	Proposal Writing Seminar	3
30	PSPL8005	Thesis	6
31	PSPL8007	Field Research 2	7
32	PSPL8008	Field Research 3	7
33	PSPL8009	Seminar Results 2	3
34	PSPL8010	Publication 2	7
35	PSPL8012	Politics and Policy Analysis	3
36	PSPL8013	Introduction to Digital Politics	3
37	LSPL8031	Politics of Planning and Budgeting in Developing Countries	3
38	PSPL8015	Spatial Politics, Environment and Natural Resources	3
39	PSPL8016	Political Parties and Interest Groups	3
40	PSPL8017	Digital Democracy	3
41	PSPL8018	Digital Political Issues	3
42	PSPL8019	Digital Governance	3
43	PSPL8020	Election System and Regulation	3
44	PSPL8021	Election Institutions	3
45	PSPL8022	Election Finance and Logistics Governance	3
46	PSPL8023	Malpractice, Ethics and Electoral Fairness	3
47	PSPL8024	Politics of Crisis and Disaster Policy	3
48	LSPL8025	Social Policy Politics	3
49	LSPL8026	Global Populism and Activism	3
50	LSPL8027	Politics of Violence and Peace	3
51	LSPL8028	Islamic Political Theory	3
52	LSPL8029	International Development and Humanity	3
53	LSPL8030	Digital Politics in Southeast Asia	3

H. FACULTY OF SCIENCE AND MATHEMATICS

1. Biology

No	Eye Code Studying	Course Name	credits
1	PABL8121	Biological Philosophy	2
2	PABL8122	Applied Physiology	2

No	Eye Code Studying	Course Name	credits
3	PABL8123	Biodiversity	2
4	PABL8124	Molecular Biology	2
5	PABL8131	Research methodology	3
6	PABL8231	Research proposal	3
7	PABL8341	Research Results Seminar	4
8	PABL8332	Publication	3
9	PABL8471	Thesis	7
10	PABL8125	Bioprocess	2
11	PABL8311	Research methodology	3
12	PABL8512	Proposal	3
13	PABL8513	Research Phase 1	7
14	PABL8516	Publication	7
15	PABL8515	Research Results Seminar	3
16	PABL8517	Thesis	6
17	PABL8514	Phase II Research	7

2. Physics

No	Eye Code Studying	Course Name	credits
1	PAFS8601	Science phylosophy	2
2	PAFS8602	Research methods	2
3	PAFS8603	Math Physics	2
4	PAFS8604	Classical Mechanics	2
5	PAFS8605	Quantum Mechanics	2
6	PAFS8606	Statistical Mechanics	2
7	PAFS8607	Electrodynamics	2
8	PAFS8608	Research Proposal	3
9	PAFS8609	Results Seminar	3
10	PAFS8610	Publication	3
11	PAFS8611	Thesis	6
12	LAFS8701	Anatomy and Physiology	2
13	LAFS8702	Nuclear Medicine	2
14	LAFS8703	Imaging Physics	2
15	LAFS8704	Radio Imaging Physics	2
16	LAFS8705	Radiotherapy Physics	2
17	LAFS8706	QA/QC Advanced Medical Physics	2
18	LAFS8721	Plasma Physics and Nuclear Fusion	2
19	LAFS8722	Optoelectronics	2
20	LAFS8723	Laser Plasma	2
21	LAFS8724	Electro and Magneto Hydrodynamics	2
22	LAFS8725	Spectroscopy	2
23	LAFS8726	Plasma Chemistry	2
24	LAFS8741	Goelectric and Electromagnet	2
25	LAFS8742	Gravity and Geomagnets	2
26	LAFS8743	Seismology	2

No	Eye Code Studying	Course Name	credits
27	LAFS8744	Meteorology	2
28	LAFS8745	Exploration Seismic	2
29	LAFS8746	Environmental Geophysics	2
30	LAFS8761	Nano Devices and Materials	2
31	LAFS8762	Ceramics and Glass	2
32	LAFS8763	Material Synthesis	2
33	LAFS8764	Advanced Solids	2
34	LAFS8765	Liquid Crystal	2
35	LAFS8766	Solids Spectroscopy	2
36	LAFS8781	Biometrics	2
37	LAFS8782	Tomography	2
38	LAFS8783	Image processing	2
39	LAFS8784	Image Analysis and Pattern Recognition	2
40	LAFS8785	Advanced Instrumentation	2
41	LAFS8786	Wireless Sensor Network	2
42	PAFS8601	Science phylsophy	2
43	PAFS8602	Research methods	2
44	PAFS8803	Research Proposal	3
45	LAFS8804	Research I	3
46	PAFS8805	Research II	9
47	PAFS8806	Research III	3
48	PAFS8807	Results Seminar	3
49	PAFS8808	Publication	7
50	PAFS8809	Thesis	6

3. Chemistry

No	Eye Code Studying	Course Name	credits
1	PAKM8102	Advanced Physical Organic Chemistry	2
2	PAKM8104	Biophysical Chemistry	2
3	PAKM8106	Determination of Molecular Structure	2
4	PAKM8108	Research Design and Scientific Writing	2
5	PAKM8110	Science phylsophy	2
6	PAKM8212	Organic Chemical Synthesis	2
7	PAKM8214	Biosynthesis of Natural Ingredients	2
8	PAKM8216	Analytical instrumentation	2
9	PAKM8318	Research proposal	3
10	PAKM8320	Research Task I (Research)	4
11	PAKM8422	Research Results Seminar	1
12	PAKM8424	Research Task II (thesis writing)	4
13	PAKM8426	Publication	3
14	PAKM8428	thesis exam	2
15	PAKM8207	Advanced Solids	2
16	PAKM8103	Inorganic Reaction Mechanism	2
17	PAKM8105	Methods of Separation and Elucidation of Inorganic Structures	2
18	PAKM8209	catalyst	2

No	Eye Code Studying	Course Name	credits
19	LAKM8107	Surface and colloid chemistry	2
20	LAKM8213	Advanced supramolecular chemistry	2
21	LAKM8215	Material chemistry	2
22	PAKM8312	Research proposal	3
23	LAKM8302	Molecular modeling	2
24	LAKM8304	Bioactive delivery system	2
25	LAKM8306	MEDICINAL CHEMISTRY	2
26	LAKM8308	Medical biochemistry	2
27	LAKM8412	Bioassay	2
28	LAKM8414	Food biophysics	2
29	LAKM8416	Biomembrane	0
30	LAKM8418	Molecular pharmacology	2
31	LAKM8420	Biomolecular analysis method	2
32	LAKM8522	Research Intern	2
33	LAKM8301	Inorganic molecular symmetry	2
34	LAKM8305	Surface and colloid chemistry	2
35	LAKM8407	Photochemistry-photocatalyst	2
36	LAKM8409	Advanced supramolecular chemistry	2
37	LAKM8413	Material chemistry	2
38	PAKM8101	Advanced Physical Inorganic Chemistry	2
39	PAKM8313	inorganic membrane	2
40	PAKM8300	Organic compound separation method	2
41	LAKM8310	ORGANIC COMPOUND SEPARATION METHOD	2
42	PAKM8411	Research design and scientific writing	4
43	PAKM8312	Research proposal	3
44	PAKM8923	Research assignment I (Research)	9
45	PAKM8324	Research result seminar	3
46	PAKM8735	Research assignment II (Thesis Writing)	7
47	PAKM8736	Publication of research results	7
48	PAKM8647	thesis exam	6

4. Math

No	Eye Code Studying	Course Name	credits
1	PAMT8611	Analysis	3
2	PAMT8610	Science phvlosophv	2
3	PAMT8620	Research Methodology	2
4	PAMT8651	Mathematical Modeling	3
5	PAMT8623	Advanced Algebra	3
6	PAMT8612	Advanced Differential Equations	3
7	PAMT8630	Advanced Numerical Analysis	3
8	PAMT8616	Thesis proposal	3
9	PAMT8670	Results Seminar	3
10	PAMT8680	Mathematics Research I	4
11	PAMT8681	Scientific Seminar I	3
12	PAMT8682	Mathematics Research II	4
13	PAMT8683	Scientific Seminar II	3
14	PAMT8673	Thesis	6

No	Eye Code Studying	Course Name	credits
15	PAMT8671	Publication	3
16	PAMT8799	Thesis	6
17	LAMT8652	Advanced Ecological Model	3
18	LAMT8710	Dynamic System	3
19	LAMT8761	Advanced Linear System	3
20	LAMT8762	Discrete Control System	3
21	LAMT8763	Advanced Optimum Control	3
22	LAMT8764	Non-Linear Control	3
23	LAMT8765	Biomathematics	3
24	LAMT8766	Capita Selecta Modeling	3
25	LAMT8631	Computational Science	3
26	LAMT8632	Optimization Theory	3
27	LAMT8633	Vector Value Optimization	3
28	LAMT8634	Fuzzy Math	3
29	LAMT8635	Approximation Method	3
30	LAMT8667	Advanced Combinatorics	3
31	LAMT8668	Capita Selecta Optimization	3
32	LAMT8663	Portfolio Optimization	3
33	LAMT8665	Financial Computing	3
34	LAMT8664	Price Modeling	3
35	LAMT8641	Stochastic Calculus	3
36	LAMT8666	Capita Selecta Finance	3
37	LAMT8674	Abstract Size Theory	3
38	LAMT8675	Advanced Functional Analysis	3
39	LAMT8676	Category Theory and Functions	3
40	LAMT8677	Applied Algebra	3
41	LAMT8679	Advanced Graph Theory	3
42	PAMT8788	Paper Publication	7
43	PAMT8610	Science phvlosophy	2
44	PAMT8620	Research Methodology	2
45	PAMT8672	Independent Study	3
46	PAMT8616	Thesis proposal	3
47	PAMT8680	Mathematics Research I	4
48	PAMT8681	Scientific Seminar I	3
49	PAMT8682	Mathematics Research II	4
50	PAMT8683	Scientific Seminar II	3
51	PAMT8670	Results Seminar	3
52	PAMT8788	Paper Publication	7
53	PAMT8799	Thesis	6

I. FACULTY OF PUBLIC HEALTH

1. Environmental Health

No	Eye Code Studying	Course Name	credits
1	PMKL8001	PHILOSOPHY OF SCIENCE AND RESEARCH METHODOLOGY	3
2	PMKL8002	GLOBAL ENVIRONMENTAL HEALTH	2
3	PMKL8003	ENVIRONMENTAL EPIDEMIOLOGY	2
4	PMKL8004	ENVIRONMENT AND HEALTH POLICY	2
5	PMKL8005	INFERENTIAL STATISTICS	2
6	PMKL8006	ENVIRONMENTAL HEALTH MANAGEMENT IN DISASTER	2
7	PMKL8007	INDUSTRIAL REVOLUTION AND GEOGRAPHICAL INFORMATION SYSTEM (GIS)	2
8	PMKL8008	Environmental Health Technology	2
9	PMKL8009	Environmental Health Risk Analysis	2
10	PMKL8010	Region-Based Disease Management	2
11	PMKL8011	Industrial Environmental Health	2
12	PMKL8012	Environmental Toxicology	2
13	PMKL8013	Residency	2
14	PMKL8014	Entomology Technology	2
15	PMKL8015	Bio Ecology	2
16	PMKL8016	Tropical Disease Biomolecular	2
17	PMKL8017	Research proposal	4
18	PMKL8018	Research and Seminar Results	3
19	PMKL8019	Research Publications	3
20	PMKL8020	Thesis	5
21	LMKL8030	Hazardous and Toxic Waste Management	2
22	LMKL8032	Environmental Audit	2
23	LMKL8033	Instrument Development	2
24	LMKL8031	Environmental Health Advocacy	2
25	LMKL8034	Data Management	2
26	LMKL8035	Structural Equation Modeling	2
27	LMKL8023	Environmental Health Strategic Management	2
28	LMKL8024	Vector Control	2
29	LMKL8025	Food Safety	2
30	LMKL8026	Control of Physical Factors in Industry	2
31	LMKL8027	Work Environment Risk Analysis	2
32	LMKL8028	Current Issue of Environmental Health	2
33	LMKL8029	Development of Environmental Health Communication Media	2
34	LMKL8036	Pest and Insect Control	2
35	LMKL8037	Vector And Reservoir Sampling Technique	2
36	LMKL8038	Arbovirology	2
37	PMKL8001	PHILOSOPHY OF SCIENCE AND RESEARCH METHODOLOGY	3
38	PMKL8051	Global Environmental Health Epidemiology	3
39	PMKL8052	Field Research Management Design	3
40	PMKL8017	Research proposal	3

No	Eye Code Studying	Course Name	credits
41	PMKL8054	Survey and Research Data Processing	4
42	PMKL8055	Research Results Seminar	3
43	PMKL8056	Research Report Preparation	4
44	PMKL8020	Thesis	6
45	PMKL8058	Research Article Writing	3
46	PMKL8059	Publication of Research Results	7

2. Public Health

No	Eye Code Studying	Course Name	credits
1	PMKM8001	Biostatistics	2
2	PMKM8002	Epidemiology	2
3	PMKM8003	Philosophy of Science and Research Methodology	3
4	PMKM8004	Behavioral Science, Systems Thinking and Leadership	2
5	PMKM8005	Environmental Health, Occupational Safety and Health and Global Health	2
6	PMKM8006	Health Ethics and Law	2
7	PMKM8007	Health Policy Analysis and Advocacy	2
8	PMKM8021	Hospital Organization & Management	2
9	PMKM8022	Hospital Management Information System	2
10	PMKM8030	Health Management Information System	2
11	PMKM8031	Health Data Management	2
12	PMKM8037	Reproductive Health and Family Planning	2
13	PMKM8038	Quality Management and Maternal and Child Health Programs	2
14	PMKM8045	Principles of Public Health Nutrition	2
15	PMKM8046	Nutritional Status Assessment and Consumption Survey	2
16	PMKM8008	Health Organization and Management	2
17	LMKM8009	Health Strategic Planning	2
18	PMKM8010	Human Resource Management, Quality and Health Logistics	3
19	PMKM8011	Health Economics and Financial Management	2
20	PMKM8012	Thesis proposal	4
21	LMKM8013	Advanced Biostatistics	2
22	LMKM8014	Qualitative Research Methods	2
23	LMKM8016	Medical Records Management	2
24	LMKM8017	Geographic Information System	2
25	PMKM8023	Hospital Finance and Economics	2
26	PMKM8024	Hospital Strategic Management and Marketing	2
27	PMKM8025	Human Resource Management and Hospital Nursing	2
28	PMKM8026	Logistics Management and Hospital Design	2
29	LMKM8027	Hospital Quality and Risk Management	2
30	PMKM8032	Database Management	3

No	Eye Code Studying	Course Name	credits
31	PMKM8033	Health Management Information System Analysis and Design	3
32	PMKM8034	Health Information System Audit	2
33	LMKM8035	Health Information System Project Management	2
34	PMKM8039	Maternal and Child Health Surveillance	2
35	PMKM8040	Child and Adolescent Health	2
36	PMKM8041	Mother and Child Nutrition	2
37	PMKM8042	Communication, Information & Education (IEC) and Community Empowerment	2
38	PMKM8047	Public Health Nutrition and Disease Prevention	2
39	LMKM8048	Reproductive Health Nutrition	2
40	PMKM8049	Food Safety and Security	2
41	PMKM8018	Seminar on Thesis Research Results	3
42	PMKM8019	Scientific Publications	3
43	PMKM8020	Thesis	5
44	PMKM8003	Philosophy of Science and Research Methodology	3
45	PMKM8051	Capita Selecta Public Health Sciences	3
46	PMKM8052	Public Health Research Design	3
47	PMKM8053	Public Health Research Proposal	3
48	PMKM8054	Public Health Research Data Management	4
49	PMKM8055	Public Health Research Results Seminar	3
50	PMKM8056	Public Health Thesis	4
51	PMKM8057	Public Health Thesis	6
52	PMKM8058	Preparation of Public Health Scientific Articles	3
53	PMKM8059	Public Health Scientific Publications	7

3. Health Promotion

No	Eye Code Studying	Course Name	credits
1	PMPK8001	Philosophy of Science and Research Methodology	3
2	PMPK8002	Epidemiology	2
3	PMPK8003	Biostatistics And Demographics	2
4	PMPK8004	Health Promotion Science	2
5	PMPK8005	Health Behavioral Science	2
6	PMPK8006	Residency	2
7	PMPK8008	Advocacy, Communication and Social Mobilization	2
8	PMPK8007	Community Empowerment in the Health Sector	2
9	PMPK8009	Media Design	2
10	PMPK8010	Public Health Education Institutions	2
11	PMPK8011	Leadership in Health	2
12	PMPK8012	Learning Organization	2
13	PMPK8013	Development and Management of Education and	2
14	PMPK8014	Health HR Management	2
15	PMPK8024	Thesis	5
16	PMPK8022	Thesis Proposal	4

No	Eye Code Studying	Course Name	credits
17	PMPK8023	Research Results Seminar	3
18	PMPK8025	Publication	3
19	PMPK8015	HIV and AIDS	2
20	PMPK8016	Reproduction health	2
21	PMPK8020	Industrial and Laboratory Hygiene K3	2
22	PMPK8021	Industrial Toxicology And Occupational Diseases	2
23	PMPK8019	Occupational Health and Safety	2
24	PMPK8017	Ergonomics	2
25	PMPK8018	Occupational Psychology	2
26	LMPK8026	Socio Anthropology	2
27	LMPK8027	Current Issue	2
28	LMPK8028	Qualitative Studies	2
29	LMPK8029	Health Program Marketing	2
30	LMPK8030	Gender and Sexuality	2
31	LMPK8031	Partnership Development And Networking	2
32	LMPK8032	Application of Occupational Health and Safety in the Formal and Informal Sector	2
33	LMPK8033	Risk Management and Quality Management	2
34	PMPK8035	Behavioral Science And Health Promotion	3
35	PMPK8036	Health Promotion Research Design	3
36	PMPK8037	Research proposal	3
37	PMPK8038	Data Identification and Processing	4
38	PMPK8039	Thesis Compilation	4
39	PMPK8034	Publication Writing	3
40	PMPK8001	Philosophy of Science and Research Methodology	3
41	PMPK8023	Research Results Seminar	3
42	PMPK8024	Thesis	6
43	PMPK8025	Publication	7

J. FACULTY OF FISHERIES AND MARINE SCIENCE

1. Marine Science

No	Eye Code Studying	Course Name	credits
1	PIKK801	Matriculation	2
2	PIKK803	Marine Environment Conservation	3
3	PIKK804	Marine Biotechnology	2
4	PIKK805	Ecology of Ecosystem Function	3
5	PIKK806	Oceanographic Dynamics	2
6	PIKK807	Atmosphere-ocean interaction	3
7	PIKK808	Marine geodynamics	3
8	PIKK802	Scientific Methodology and Applied Statistics	3

2. Coastal Resource Management

No	Eye Code Studying	Course Name	credits
1	PIMS8002	Quantitative Analysis	3
2	PIMS8001	Research methodology	3
3	PIMS8003	Coastal and Marine Ecosystems and Natural Resources	3
4	PIMS8004	Coastal and Marine Spatial Planning	3
5	PIMS8005	Institutions and Policies for the Management of Coastal and Marine	3
6	LIMS8201	Exploitation of Coastal and Marine Resources	3
7	LIMS8202	Conservation and Rehabilitation of Coastal and Marine Areas	3
8	PIMS8203	Coastal and Estuary Sediment Dynamics	3
9	PIMS8204	Hydrodynamics of Coastal and Small Islands Ecosystems	3
10	LIMS8205	GIS Applications and Mapping of Coastal and Marine Resources	3
11	PIMS8206	Coastal and Marine Spatial Planning and Evaluation	3
12	PIMS8207	Marine Ecotourism	3
13	PIMS8208	AMDAL and Environmental Risk Analysis for Coastal and Marine Areas	3
14	PIMS8209	Coastal and Marine Pollution Control	3
15	PIMS8210	Management of Coastal Zone and Small Islands Development	3
16	PIMS8211	Biotechnology of Coastal and Marine Resources	3
17	PIMS8212	Coastal and Marine Geodynamics	3
18	PIMS8301	Food Quality and Safety Management	3
19	PIMS8302	Advanced Processing Technology	3
20	PIMS8303	Fishery Product Development Innovation and Technology	3
21	PIMS8401	Brackish Aquaculture Development	3
22	PIMS8402	Development of Fish Feed Nutrition	3
23	PIMS8403	Fish Parasites and Diseases	3
24	PIMS8404	Coastal Cultivation Management	3
25	PIMS8501	Coastal and Marine Agribusiness Industry Planning	3
26	PIMS8502	Sosbud System and Coastal Society Anthropology	3
27	PIMS8503	Economics of Coastal and Marine Natural Resources	3
28	PIMS8504	Marketing Management of Coastal and Marine Resources	3
29	PIMS8505	Fisheries Business Management	3
30	PIMS8506	Fishing Port	3
31	PIMS8507	Design and Build Fishing Equipment and Fishing Vessel	3
32	PIMS8101	colloquium	2
33	PIMS8102	Study	5
34	PIMS8103	Results Seminar	2
35	PIMS8104	Thesis Exam	2

No	Eye Code Studying	Course Name	credits
36	PIMS8105	Scientific Publications	3

K. POSTGRADUATE FACULTY

1. Energy

No	Eye Code Studying	Course Name	credits
1	PCEN8301	Thesis proposal	3
2	PCEN8101	Research methods	3
3	PCEN8302	Publication	3
4	PCEN8401	Results Seminar	3
5	PCEN8203	Energy Economy	2
6	PCEN8202	Energy Policy Analysis and Regulation	2
7	PCEN8201	Statistics and Computer Applications	2
8	PCEN8402	Thesis	6
9	PCEN8102	Sustainable Energy	3
10	PCEN8103	Energy Planning System	3
11	PCEN8104	Primary Energy Resources	2
12	PCEN8105	Energy Conversion and Generating System	2
13	PCEN8204	Geothermal Technology System	3
14	PCEN8205	Bioenergy	3
15	PCEN8206	Solar and Wind Energy	3
16	PCEN8207	Hydro Energy	3
17	PCEN8208	Software in Energy Modeling	3
18	PCEN8209	Energy Management System	3
19	PCEN8210	Energy Conservation and Audit Engineering	3
20	PCEN8211	Fuel Cell and Nuclear Energy	3
21	PCEN8212	New Renewable Energy Technology	3
22	PCEN8113	Standardization System	3
23	LCEN8103	Energy Planning System	3
24	LCEN8104	Primary Energy Resources	3
25	LCEN8105	Energy Conversion and Generating System	2
26	LCEN8202	Energy Policy Analysis and Regulation	2
27	LCEN8203	Energy Economy	2
28	LCEN8204	Geothermal Systems and Technology	3
29	LCEN8205	Bioenergy	3
30	LCEN8206	Solar and Wind Energy	3
31	LCEN8207	Hydro Energy	3
32	LCEN8208	Software in Energy Modeling	3
33	LCEN8209	Energy Management System	3
34	LCEN8210	Energy Conservation and Audit Engineering	3
35	LCEN8211	Fuel Cell and Nuclear Energy	3
36	LCEN8212	New Renewable Energy Technology	3
37	LCEN8213	Standardization System	3
38	PCEN8150	Research Proposal Preparation	3
39	PCEN8151	Scientific article writing and Presentation Techniques	2
40	PCEN8152	Research proposal	3

No	Eye Code Studying	Course Name	credits
41	PCEN8250	Research I	8
42	PCEN8350	Research II	8
43	PCEN8351	Publication	7
44	PCEN8451	Results Seminar	3
45	PCEN8452	Thesis	6

2. Epidemiology

No	Eye Code Studying	Course Name	credits
1	LCEP8627	Research Methodology and Philosophy of Science	3
2	LCEP8646	Biostatistics & Computer Applications	2
3	LCEP8628	One Health Basics & Apps	2
4	PCEP8629	Health Epidemiology	2
5	LCEP8611	Managerial Epidemiology	2
6	PCEP8607	Epidemiological Surveillance	2
7	PCEP8610	Advanced Epidemiological Analysis and Main Diseases	2
8	LCEP8616	Disaster Epidemiology & Dimensions	2
9	PCEP8633	Laboratory & Biomolecular Management	2
10	PCEP8636	Animal Source Disease Control & Management	2
11	PCEP8635	Investigation of Outbreaks and Non-Natural Outbreaks/ Disasters	2
12	LCEP8647	General Fieldwork & Screening	2
13	PCEP8639	Research proposal	3
14	PCEP8648	Results Seminar	3
15	PCEP8649	Publication	3
16	PCEP8626	Thesis	6
17	PCEP8606	Epidemiology of Major Diseases	2
18	LCEP8621	Field Task : Surveillance System Development	2
19	PCEP8622	Clinical Epidemiology	2
20	PCEP8623	Health Economics	2
21	PCEP8624	Pharmaco Epidemiology	2
22	PCEP8625	Animal Experiment	2
23	PCEP8631	Zoonoses & Vector Infectious Diseases	2
24	LCEP8632	Risk Analysis	2
25	LCEP8637	Projects/Field Tasks	2
26	LCEP8641	Molecular Epidemiology	2
27	LCEP8642	Health-Veterinary Economics	2
28	LCEP8643	Planning & Evaluation	2
29	LCEP8644	Promotion, Communication & Advocacy	2
30	LCEP8645	Wildlife & Environment Handling	2
31	LCEP8634	Biosafety & Biosecurity	2
32	LCEP8638	Multisector Information System	2
33	LCEP8617	Critical Review	2

No	Eye Code Studying	Course Name	credits
34	LCEP8618	Scientific Writing	2
35	LCEP8627	Research Methodology and Philosophy of Science	3
36	PCEP8639	Research proposal	3
37	PCEP8650	Thesis Research	6
38	PCEP8651	Writing Research Results	6
39	PCEP8648	Results Seminar	3
40	PCEP8649	Publication	7
41	PCEP8626	Thesis	6
42	LCEP8641	Molecular Epidemiology	2
43	LCEP8642	Health-Veterinary Economics	2
44	LCEP8643	Planning & Evaluation	2
45	LCEP8644	Promotion, Communication & Advocacy	2
46	LCEP8645	Wildlife & Environment Handling	2
47	LCEP8634	Biosafety & Biosecurity	2
48	LCEP8638	Multisector Information System	2
49	LCEP8617	Critical Review	2
50	LCEP8618	Scientific Writing	2
51	LCEP8628	One Health Basics & Apps	2

3. Environmental Science

No	Eye Code Studying	Course Name	credits
1	PCIL8101	Philosophy of Science and Research Methodology	3
2	PCIL8101	Philosophy of Science and Research Methodology	3
3	PCIL8103	Environmental Statistics	2
4	PCIL8103	Environmental Statistics	2
5	PCIL8102	Environmental Economics and Natural Resources	3
6	PCIL8104	Ecology and Environmental Pollution	3
7	PCIL8105	Computer Applications and Environmental Modeling	3
8	PCIL8102	Environmental Economics and Natural Resources	3
9	PCIL8104	Ecology and Environmental Pollution	3
10	PCIL8201	Environmental Law and Policy	2
11	PCIL8201	Environmental Law and Policy	2
12	PCIL8204	Environmental Planning Theories	3
13	PCIL8204	Environmental Planning Theories	3
14	PCIL8205	Natural Resources and Environment Conservation	3
15	PCIL8105	Computer Applications and Environmental Modeling	3
16	PCIL8206	Disaster Mitigation	2
17	PCIL8210	Disaster Management Strategy	2
18	PCIL8210	Disaster Management Strategy	2
19	PCIL8202	Environmental Impact Analysis	2
20	PCIL8202	Environmental Impact Analysis	2
21	PCIL8207	Spatial and Environmental Planning	2
22	PCIL8208	Environmental System Analysis	3
23	PCIL8209	Environmental Pollution Control	2
24	PCIL8203	Environmental and Disaster Risk	2

No	Eye Code Studying	Course Name	credits
25	PCIL8301	Capita Selecta	2
26	PCIL8303	Thesis proposal	2
27	PCIL8302	Field Trip	1
28	PCIL8301	Capita Selecta	2
29	PCIL8302	Field Trip	1
30	PCIL8303	Thesis proposal	2
31	LCIL8323	Food Security and Environment	2
32	PCIL8401	Thesis	6
33	LCIL8323	Food Security and Environment	2
34	PCIL8401	Thesis	6
35	LCIL8322	Environmental Chemistry and Biology	2
36	LCIL8218	Population, Environment and Natural Resources	2
37	LCIL8219	Energy and Environment Development	2
38	LCIL8220	Coastal and Marine Water Management	2
39	LCIL8221	Transportation and Environment	2
40	LCIL8222	Disaster Management Planning	2
41	LCIL8223	Eco Efficiency and Sustainable Development	2
42	LCIL8224	Decision Making Theory	2
43	LCIL8225	Environmental Hazard and Risk Analysis	2
44	LCIL8226	Clean Water Management	2
45	LCIL8227	Waste Management Infrastructure Management	2
46	LCIL8228	Clean Technology	2
47	LCIL8305	Wastewater Management	2
48	LCIL8306	Hospital Waste Management	2
49	LCIL8307	Green Infrastructure Resilience	2
50	LCIL8309	Sanitation and Environmental Health	2
51	LCIL8310	Environmental Toxicology and Epidemiology	2
52	LCIL8311	Community Development Planning	2
53	LCIL8314	Disaster Management	2
54	LCIL8315	International Standards of Disaster Management	2
55	LCIL8316	Community Based Disaster Risk Reduction	2
56	LCIL8313	Environmental Psychology	2
57	LCIL8317	Disaster Risk Analysis	2
58	LCIL8318	Evacuation Management	2
59	LCIL8319	Early Warning System	2
60	LCIL8320	Mass Transfer and Transformation	2
61	LCIL8321	Regional Planning	2
62	LCIL8324	Disaster Waste Management	2
63	LCIL8325	Environmental Diplomacy	2
64	LCIL8213	Disaster Management Cooperation	2
65	CIL22601	Environmental Economics and Natural Resources	3
66	CIL22602	Environmental Statistics	2
67	CIL22603	Ecology and Environmental Pollution	3
68	CIL22600	Philosophy of Science and Research Methodology	3
69	CIL22604	Computer Applications and Environmental Modeling	3
70	PCIL8101	Philosophy of Science and Research Methodology	3
71	PCIL8102	Environmental Economics and Natural Resources	3

No	Eye Code Studying	Course Name	credits
72	PCIL8103	Environmental Statistics	2
73	PCIL8105	Computer Applications and Environmental Modeling	3
74	PCIL8104	Ecology and Environmental Pollution	3
75	PCIL8101	Philosophy of Science and Research Methodology	3
76	PCIL8131	Research Proposal I	3
77	PCIL8132	Research Proposal II	3
78	PCIL8133	Research I	4
79	PCIL8234	Research II	6
80	PCIL8235	Research Publications	7
81	PCIL8336	I . Research Evaluation	3
82	PCIL8337	Research Evaluation II	3
83	PCIL8338	Research Seminar	3
84	PCIL8401	Thesis	6

4. Information System

No	Eye Code Studying	Course Name	credits
1	PCSI8111	Information Systems Research Methodology	3
2	PCSI8112	Information System Analysis and Design	3
3	PCSI8113	Enterprise System	3
4	PCSI8114	Data Science for Business	3
5	PCSI8115	Implications of Digitization	3
6	PCSI8116	Information Technology Strategy and Policy	3
7	PCSI8117	System Integration & Information Technology	3
8	PCSI8311	Proposal	3
9	LCSI8121	Supply Chain Management	3
10	LCSI8122	Information Systems Project Management	3
11	LCSI8123	Service Based Architecture	3
12	LCSI8124	Information System Governance	3
13	LCSI8125	Information System Audit	3
14	LCSI8126	Data Mining	3
15	LCSI8127	Capita Selecta	3
16	PCSI8314	Results Seminar	3
17	PCSI8211	Publication	3
18	PCSI8315	Thesis	6
19	PCSI8111	Information Systems Research Methodology	3
20	PCSI8311	Proposal	3
21	LCSI8121	Supply Chain Management	3
22	LCSI8122	Information Systems Project Management	3
23	LCSI8123	Service Based Architecture	3
24	LCSI8124	Information System Governance	3
25	LCSI8125	Information System Audit	3
26	LCSI8126	Data Mining	3
27	LCSI8127	Capita Selecta	3
28	PCSI8112	Information System Analysis and Design	3
29	PCSI8114	Data Science for Business	3
30	PCSI8312	Research 1	9

No	Eye Code Studying	Course Name	credits
31	PCSI8212	Publication	7
32	PCSI8313	Research 2	8
33	PCSI8314	Results Seminar	3
34	PCSI8315	Thesis	6

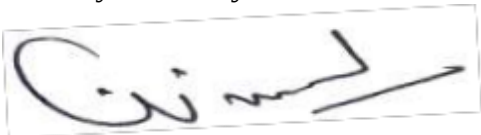
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