



KATHMANDU UNIVERSITY

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May 10, 2022

NOTICE

End Semester Examinations of B.E./B.Sc./B.Pharm./B.Tech./B.Arch. will be held from May 26, 2022 as follows:

1. Examination Schedules : As per attached sheets (3 Pages)
2. Examination Time : 11:00 A.M. to 2:00 P.M.
3. Examination Center : Kathmandu University, Dhulikhel

Professor PANNA THAPA, PhD
Controller of Examinations

Note: *Examinations will be conducted as per this schedule and under no circumstance the dates and times will be changed unless the University published prior notice.*



KATHMANDU UNIVERSITY
School of Science / School of Engineering
End-Semester Examinations
May/June, 2022

Examination Time: 11:00 A.M. to 2.00 P.M.

Date/ Day	I-I	I-II	II - II	III - II
May 26, 2022 Thursday	PHYS 104	PHYS 102 PHYS 105 ARCH 112		ETEG 303 ETEG 301 MEEG 306 COMP 302 GEOM 306 CIEG 308 ARCH 319 INAN 301 MGTS 302 BIOT 305 ENVS 303 MATH 327
May 27, 2022 Friday			MATH 208 MATH 207 ENVS 203 PHAR 214 MATH 217 ARCH 215 BIOT 206 BIOT 208	
May 30, 2022 Monday	CHEM 101	MATH 104 MATH 102 MATH 103 MATH 106		E EEG 309 MEEG 308 COMP 314 GEOM 310 CIEG 309 CIEG 341 CHEG 305 ENVS 335 PHAR 311 BIOT 306
May 31, 2022 Tuesday			MCSC 202 ESEE 221 ARCH 216 PHAR 223 BIOT 207	
June 2, 2022 Thursday	COMP 101	ENVE 101 CHEM 102 BIOT 102 NEPT 101		GEOM 307 CHEG 314 PHAR 313

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(Sheets 1 of 3)



Date/ Day	I-I	I-II	II - II	III - II
June 5, 2022 Sunday			EEEG 214 MEEG 202 COMP 204 CIEG 206 CIEG 241 CHEG 210 ENVS 202 CHEM 212	
June 6, 2022 Monday	MATH 111	COMP 116 COMP 117 ARCH 161		ETEG 305 COEG 301 MEEG 318 COMP 304 MATH 322 GEOM 315 CIEG 310 CHEG 310 CIEG 342 ENVS 336 BIOT 307
June 7, 2022 Tuesday		COMP 102		PHAR 316
June 8, 2022 Wednesday			PHAR 221 BIOL 207	
June 9, 2022 Thursday		ENVS 101	EEEG 215 MEEG 206 COMP 231 GEOM 204 CIEG 207 CIEG 242 CHEG 211 BIOT 211 MATH 211	
June 10, 2022 Friday	ENGT 104	ENGT 105 CHEM 103		ETEG 321 EPEG 318 MEEG 317 MEEG 309 COMP 341 GEOM 319 CIEG 318 CIEG 313 CHEG 312 EEEG 331 BIOT 308 ENVS 305 ENVS 345 MATH 325

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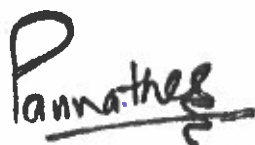
(Sheets 2 of 3)



Date/ Day	I-I	I-II	II - II	III - II
June 12, 2022 Sunday		ENVS 112	PHAR 224 ENVS 205	PHAR 315
June 13, 2022 Monday	PHAR 112		EEEG 221 MEEG 207 COMP 232 GEOM 206 CIEG 208 CHEG 212 BIOT 210 PHAR 212	GEOM 313
June 14, 2022 Tuesday		BIOT 101		EPEG 301 EPEG 315 MGTS 303 COMP 306 COMP 323 CIEG 312 CHEG 313 BIOT 309 ENVS 337 ENVE 399
June 15, 2022 Wednesday		ENGG 112	PHAR 222 ESEE 201	
June 16, 2022 Thursday				ENVS 306
June 17, 2022 Friday			CEEG 201 CIEG 209 CHEG 213 ENVE 205 MATH 213	
June 19, 2022 Sunday				COMP 307 COMP 342 COMP 409 CIEG 314 CHEG 315 CHEG 322 ENVS 331 ENVE 311

Note:

1. Examinations will be conducted as per this schedule and under no circumstance the dates and times will be changed unless the University publishes prior notice.
2. Practical examinations will be conducted by the schools/ departments.
3. The schools/departments should submit the in-semester evaluations and the practical examination evaluations to the Office of the Controller of Examinations by May 19, 2022.


Controller of Examinations

(Sheets 3 of 3)



Department of Electrical & Electronics Engineering

Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 104	Advanced Calculus	3
PHYS 102	General Physics II	3
COMP 116	Object Oriented Programming	3
ENGT 105	Technical Communication	3
ENVE 101	Introduction to Environmental Engineering	2
ENGG 112	Elements of Engineering II	3
ENGG 102	Engineering Project	2
EDRG 102	Engineering Drawing II	2

IInd year IInd semester		
Course No.	Course Title	Credit
MCSC 202	Numerical Methods	3
MATH 208	Statistics and Probability	3
EEEG 214	Electronics Engineering II	3
EEEG 215	Electrical Machines Fundamentals	3
EEEG 221	Signals and Systems	3
EEEG 212	Engineering Project	2
EEEG 219	Electrical Machines Laboratory Work	1
EEEG 222	Electronics and Signals Systems Laboratory Work	1

IIIrd year IInd semester (Communications)		
Course No.	Course Title	Credit
EEEG 309	Electromagnetic Fields & Waves	3
EPEG 301	Power Apparatus & Systems	3
ETEG 303	Data Communication & Networks	3
ETEG 305	Digital Signal Processing	3
ETEG 321	Principles of Biomedical Engineering	3
ETEG 319	Engineering Project	2
ETEG 323	Biomedical and Signal Processing Laboratory Work	1

IIIrd year IInd semester (Power & Control)		
Course No.	Course Title	Credit
EEEG 309	Electromagnetic Fields & Waves	3
COEG 301	Control Engineering	3
ETEG 301	Communication Systems	3
EPEG 315	Power Systems I	3
EPEG 318	Power Electronics	3
PCEG 308	Power & Control Laboratory	1
PCEG 319	Engineering Project	2

Department of Mechanical Engineering

Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 104	Advanced Calculus	3
PHYS 102	General Physics II	3
COMP 116	Object Oriented Programming	3
ENGT 105	Technical Communication	3
ENVE 101	Introduction to Environmental Engineering	2
ENGG 112	Elements of Engineering II	3
ENGG 102	Engineering Project	2
EDRG 102	Engineering Drawing II	2

IInd year IInd semester		
Course No.	Course Title	Credit
MCSC 202	Numerical Method	3
MATH 208	Statistics and Probability	3
MEEG 202	Strength of Materials	3
MEEG 206	Theory of Machines	3
MEEG 207	Engineering Thermodynamics	3
MEEG 212	Laboratory Work	2
MEEG 215	Project Work	2

IIIrd year IInd semester		
Course No.	Course Title	Credit
MEEG 306	Heat Transfer	3
MEEG 308	Production Planning and Control	3
MEEG 318	Machine Element Design and Processes II	3
MGTS 303	Engineering Management	3
MEEG 311	Laboratory Work	2
MEEG 313	Project Work	2
ME-A & ME-D		
MEEG 317	Advance Manufacturing Process	3
ME-E & ME-H		
MEEG 309	Hydraulic Machines	3



Department of Computer Science & Engineering

Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 104	Advanced Calculus	3
PHYS 102	General Physics II	3
COMP 116	Object Oriented Programming	3
ENGT 105	Technical Communication	3
ENVE 101	Introduction to Environmental Engineering	2
ENGG 112	Elements of Engineering II	3
ENGG 102	Engineering Project	2
EDRG 102	Engineering Drawing II	2

IInd year IInd Semester		
Course No.	Course Title	Credit
MCSC 202	Numerical Methods	3
MATH 207	Differential Equations and Complex Variables	4
COMP 204	Communication & Networking	3
COMP 231	Microprocessors & Assembly Language	3
COMP 232	Database Management System	3
COMP 207	Computer Project	2

IIIrd year IInd Semester (Computer Engineering)		
Course No.	Course Title	Credit
COMP 302	System Analysis and Design	3
COMP 304	Operations Research	3
COMP 306	Embedded Systems	3
COMP 314	Algorithms & Complexity	3
COMP 341	Human Computer Interaction	3
COMP 342	Computer Graphics	3
COMP 308	Combined Engineering Project II	1

IIIrd year IInd Semester (Computer Science)		
Course No.	Course Title	Credit
MATH 322	Combinatorics	3
COMP 302	System Analysis and Design	3
COMP 314	Algorithms & Complexity	3
COMP 341	Human Computer Interaction	3
COMP 323	Graph Theory	3
COMP 409	Compiler Design	3
COMP 313	Computer Project	1

Department of Geomatics Engineering

Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 104	Advanced Calculus	3
PHYS 102	General Physics II	3
COMP 116	Object Oriented Programming	3
ENGT 105	Technical Communication	3
ENVE 101	Introduction to Environmental Engineering	2
ENGG 112	Elements of Engineering II	3
ENGG 102	Engineering Project	2
EDRG 102	Engineering Drawing II	2

IInd year IInd Semester		
Course No.	Course Title	Credit
MCSC 202	Numerical Methods	3
MATH 208	Statistics and Probability	3
GEOM 204	Geographic Information System	3
GEOM 206	Cartography	3
COMP 204	Communication & Computer Networking	3
CEEG 201	Basic Civil Engineering	3
GEOM 203	Field Survey I	4

IIIrd year IInd Semester		
Course No.	Course Title	Credit
GEOM 306	Land Administration	3
GEOM 307	Theory of Errors and Adjustment	2
GEOM 310	Cadastral	3
GEOM 313	Modern Cartography	2
GEOM 315	Satellite Geodesy	3
GEOM 319	Computational Methods in Geomatics	3
GEOM 304	Field Survey II	4



Department of Civil Engineering
Civil Engineering

Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 104	Advanced Calculus	3
PHYS 102	General Physics II	3
COMP 116	Object Oriented Programming	3
ENGT 105	Technical Communication	3
ENVE 101	Introduction to Environmental Engineering	2
ENGG 112	Elements of Engineering II	3
ENGG 102	Engineering Project	2
EDRG 102	Engineering Drawing II	2

IInd year IInd Semester		
Course No.	Course Title	Credit
MCSC 202	Numerical Methods	3
MATH 208	Statistics and Probability	3
CIEG 206	Engineering Hydrology and Sedimentology	3
CIEG 207	Engineering Survey II	3
CIEG 208	Strength of Materials	3
CIEG 209	Engineering Geology	3
CIEG 210	Engineering Project IV (Survey Capmp)	2

IIIrd year IInd Semester		
Course No.	Course Title	Credit
CIEG 308	Structural Analysis II	3
CIEG 309	Foundation Engineering	3
CIEG 310	Reinforced Concrete Structures Design	3
CIEG 312	Electrical Power System Engineering	3
CIEG 314	Hydraulic Machines	3
CIEG 307	Engineering Project V (Hydropower Engineering I)	3
<i>Elective - Choose one</i>		
CIEG 318	Earthquake Engineering	3
CIEG 313	Water Supply & Sanitation	3

Architecture

Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 106	Engineering Mathematics II	3
NEPT 101	Communication Skills II (Nepali)	2
ARCH 112	History of Architecture II	3
ARCH 161	Building Material I	3
ARCH 132	Architectural Drawing and Graphics II	3
ARCH 142	Design Studio II	3
ARCH 152	Art Appreciation and Practice	2
ARCH 171	Workshop I	2

IInd year IInd Semester		
Course No.	Course Title	Credit
ARCH 215	Building Materials II	3
ARCH 216	History of Architecture IV	3
ARCH 219	Design Studio IV	5
ARCH 220	Workshop II	2
CIEG 241	Mechanics of Materials	3
CIEG 242	Surveying for Architects II	3

IIIrd year IInd Semester		
Course No.	Course Title	Credit
ARCH 316	Design Studio VI	6
ARCH 318	Working Drawing II and CAD	3
ARCH 319	Building Construction III	3
CIEG 341	Design of Steel, Masonry and Timber Structures	3
CIEG 342	Quantity Estimation	3
EEEE 331	Building Services II	3



Department of Chemical Science & Engineering

Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 104	Advanced Calculus	3
PHYS 102	General Physics II	3
COMP 116	Object Oriented Programming	3
ENGT 105	Technical Communication	3
ENVE 101	Introduction to Environmental Engineering	2
ENGG 112	Elements of Engineering II	3
ENGG 102	Engineering Project	2
EDRG 102	Engineering Drawing II	2

IInd year IInd Semester		
Course No.	Course Title	Credit
MCSC 202	Numerical Methods	3
MATH 208	Statistics and Probability	3
CHEG 210	Chemical Proces Technology	3
CHEG 211	Chemical Engineering Thermodynamics	3
CHEG 212	Fluid Mechanics	3
CHEG 213	Introction to Biochemical Engineering	3
CHEG 214	Engineering Project	2

IIIrd year IInd Semester		
Course No.	Course Title	Credit
INAN 301	Instrumental Analysis	3
CHEG 305	Modeling and Simulations in Chemical Engineering	3
CHEG 310	Unit Operations	3
CHEG 312	Chemical Reaction Engineering II	3
CHEG 313	Mass Transfer	3
CHEG 314	Process Equipment Design	2
<i>Elective - Choose one</i>		
CHEG 315	Renewable Energy	3
CHEG 322	Safety and Waste Management	3

Department of Environmental Science & Engineering Environmental Science

Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 102	Statistics and Probability	3
PHYS 102	General Physics II	3
COMP 117	Introduction to Python Programming	3
CHEM 102	Inorganic Chemistry	2
ENVS 101	Intro. to Environmental Science	2
ENVS 112	Fundamentals of Ecology	2
ENGG 102	Engineering Project	2
EDRG 103	Engineering Drawing	2
ENVS 141	Ecology Practical	1

IInd year IInd semester		
Course No.	Course Title	Credit
ENVS 203	Forest Environment	3
ENVS 202	Conservation Biology	3
ESEE 201	Environmental Laws and Policies	2
ESEE 221	Environmental Pollution II	3
ESEE 242	Environmental Pollution Lab II	1
BIOL 207	Microbiology	2
BIOL 208	Microbiology Lab	1
ENVS 205	Geology & Geomorphology	3
ENVS 242	Geology Practical	1

IIIrd year IInd semester		
Course No.	Course Title	Credit
ENVS 303	Environmental Economics	2
ENVS 305	Pests and Pesticides	3
ENVS 306	GIS and Remote Sensing	1
ENVS 331	Legal & Policy Issues in Environment	2
ENVS 335	Applied Hydrology	3
ENVS 336	Environment and Occupational Health	3
ENVS 337	Environmental Hazards and Disaster Preparedness	3
ENVS 342	GIS Laboratory	2
ENVS 343	Hydrology Practical	1



Environmental Engineering

Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 104	Advanced Calculus	3
PHYS 102	General Physics II	3
COMP 116	Object Oriented Programming	3
ENGT 105	Technical Communication	3
ENVE 101	Introduction to Environmental Engineering	2
ENGG 112	Elements of Engineering II	3
ENGG 102	Engineering Project	2
EDRG 102	Engineering Drawing II	2

IInd year IInd semester		
Course No.	Course Title	Credit
MCSC 202	Numerical Methods	3
ENVE 205	Mechanics of Materials	3
MATH 208	Statistics & Probability	3
MEEG 207	Engineering Thermodynamics	3
BIOL 207	Microbiology	2
BIOL 208	Microbiology Laboratory	1
CHEM 212	Quantitative Analysis	3
CHEM 213	Quantitative Analysis Laboratory	2

IIIrd year IInd semester		
Course No.	Course Title	Credit
ENVS 306	GIS and Remote Sensing	1
ENVS 335	Applied Hydrology	3
ENVS 345	Environmental Sociology & Human Ecology	3
ENVE 311	Valuation and Cost Estimation	2
CIEG 310	Reinforced Concrete Structures Design	3
ENVE 399	Alternative Energy Technology	3
MEEG 306	Heat Transfer	3
ENVS 342	GIS Laboratory	2
ENVS 343	Hydrology Practical	1

Department of Pharmacy

Ist year Ist Semester		
Course No.	Course Title	Credit
MATH 111	Calculus and Algebra	3
PHYS 104	General Physics	3
CHEM 101	General Chemistry	3
ENGT 104	Professional Communication	3
COMP 101	Information Systems Technology	2
PHAR 112	Foundation Course in Pharmacy	2
PHAR 140	Foundation Course in Pharmacy Laboratory	1
PHYS 146	General Physics Laboratory	1

IInd year IInd semester		
Course No.	Course Title	Credit
PHAR 214	Pharmacognosy II	3
PHAR 215	Pharmacognosy II lab	1
PHAR 221	Inorganic Pharmaceutical Chemistry	2
PHAR 217	Inorganic Pharmaceutical Chemistry Lab	1
PHAR 222	Pharmacology and Toxicology I	2
PHAR 223	Biopharmaceutics and Pharmacokinetics	3
PHAR 224	Medicinal Chemistry I	2
PHAR 242	Pharmacognosy Field Visit	1
CHEM 212	Quantitative Analysis	3
CHEM 213	Quantitative Analysis Lab	1

IIIrd year IInd semester		
Course No.	Course Title	Credit
PHAR 311	Pharmacology & Toxicology II	3
PHAR 313	Biological Pharmacy	2
PHAR 315	Biopharmaceutics and Pharmacokinetics	3
PHAR 316	Medicinal Chemistry	4
MGTS 302	Business Management	3
PHAR 312	Pharmacology & Toxicology Lab	1
PHAR 314	Biological Pharmacy Lab.	1
PHAR 317	Medicinal Chemistry Lab.	1



Department of Biotechnology

Ist year IInd Semester		
Course No.	Course Title	Credit
BIOT 101	Introductory Biotechnology	3
BIOT 102	Biosafety	2
MATH 102	Statistics and Probability	3
CHEM 103	Chemistry I	3
PHYS 105	General Biophysics	3
COMP 117	Introduction to Python Programming	3
EDRG 103	Engineering Drawing	2

IInd year IInd semester		
Course No.	Course Title	Credit
BIOT 206	Molecular Biology I	3
BIOT 207	Immunology	3
BIOT 210	Microbial Bioprocess Engineering	3
BIOT 211	Environmental Biotechnology	3
CHEM 212	Quantitative Analysis	3
BIOT 254	Microbial Bioprocess Engineering Lab	1
BIOT 255	Immunology Lab	1
BIOT 257	Environmental Biotechnology Lab	1
CHEM 214	Quantitative Analysis Practice	1

IIIrd year IInd semester		
Course No.	Course Title	Credit
BIOT 305	Bioinformatics	3
BIOT 306	Recombinant DNA Technology	3
BIOT 307	Environmental Biotechnology	3
BIOT 308	Enzymology & Enzyme Technology	3
BIOT 309	Biosafety & Bioethics	3
BIOT 310	Industrial Plant Studies	1
BIOT 355	Environmental Biotechnology Lab.	1
BIOT 356	Recombinant DNA Technology Laboratory	1

Department of Mathematics

Computational Mathematics		
Ist year IInd Semester		
Course No.	Course Title	Credit
MATH 103	Linear Algebra	3
PHYS 102	General Physics II	3
CHEM 102	Inorganic Chemistry	2
COMP 116	Object Oriented Programming	3
ENGT 105	Technical Communication	3
ENGG 112	Elements of Engineering II	3
ENGG 102	Engineering Project	2
EDRG 102	Engineering Drawing II	2

IInd year IInd Semester		
Course No.	Course Title	Credit
MATH 211	Mechanics	3
MATH 213	Analysis-I	3
MCSC 202	Numerical Methods	3
MATH 217	Ordinary & Partial Differential Equations	3
COMP 204	Communication & Computer Networking	3
COMP 232	Database Management System	3
MATH 252	MATH Project	1

IIIrd year IInd semester		
Course No.	Course Title	Credit
MATH 322	Combinatorics	3
MATH 325	Analysis-II	3
MATH 327	Number Theory	3
COMP 323	Graph Theory	3
COMP 307	Operating System	3
COMP 314	Algorithm & Complexity	3
MATH 352	MATH Project	1