



KATHMANDU UNIVERSITY

OFFICE OF THE CONTROLLER OF EXAMINATIONS

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March 15, 2020

NOTICE

End Semester Examinations of B.E./B.Sc./B.Pharm./B.Tech./B.Arch. will be held from March 29, 2020 as follow:

1. Examination Schedules : As per attached sheets (4 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
 March /April, 2020

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

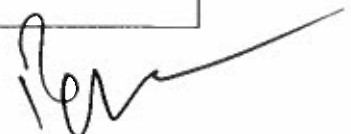
Date/ Day	I-I	II - I	III - I	IV-I
March 29 Sunday	ENGG 111 BIOL 103 PHAR 112 ARCH 101		CIEG 306	PHAR 408
March 30 Monday		EEEG 202 MEEG 219 MATH 205 CHEM 201 ARCH 202 ENVS 207 MEEG 218 MATH 201		ETEG 402 COEG 401 MEPP 429 MEPP 439 COMP 401 GEOM 401 CIEG 401 CHEG 401 ENVS 402 BIOT 401 PHYS 401
March 31 Tuesday			COEG 304 EPEG 302 COMP 317 GEOM 316 CHEG 301 ARCH 301 INAN 301 MATH 302	
April 1 Wednesday	ENGT 101 COMP 101		CIEG 302	
April 3 Friday	ARCH 111	EEEG 207 MEEG 213 COMP 202 GEOM 205 CIEG 201 ARCH 203 ENVS 212 PHAR 201 BIOT 202		ETEG 408 EPEG 413 MEPP 403 COMP 472 GEOM 402 CIEG 402 CHEG 402 ENVS 413 ENVE 432 PHAR 404 BIOT 403 PHYS 402

April 5 Sunday			EEEG 313 MEEG 315 COMP 307 GEOM 303 CIEG 303 CHEG 302 ARCH 303 ENVS 333 PHAR 303 BIOT 301 PHYS 302 MATH 304	
April 6 Monday	MATH 101 MATH 111			
April 7 Tuesday	MATH 105	EEEG 211 GEOM 201 CIEG 202 ARCH 205 CHEM 207 PHAR 216 BIOT 201 MATH 204		ETEG 422 EPEG 422 COMP 407 COMP 478 GEOM 406 CIEG 404 MGTS 402 BIOT 404 PHYS 403
April 8 Wednesday		MEEG 216		
April 9 Thursday			EEEG 314 MEEG 325 MEEG 328 COMP 301 COMP 316 GEOM 317 CIEG 304 CHEG 303 ARCH 305 ENVS 328 ENVE 207 PHAR 301 BIOT 302 PHYS 303	
April 10 Friday	CHEM 101 ENGT 103			



Controller of Examinations

April 12 Sunday		EEEG 213 MEEG 217 MCSC 201 GEOM 202 CIEG 203 CHEG 201 ARCH 204 ENVS 201 ENVE 209 PHAR 203 BIOT 204		MGTS 403 MEPP 427 MEEG 458 GEOM 405 CIEG 406 ENVS 415 ENVE 433 PHAR 401 BIOT 409 PHYS 404
April 14 Tuesday			MGTS 301 MGTS 305 ENVS 338 BIOT 304 PHYS 301	
April 15 Wednesday	PHYS 101 PHYS 104			
April 16 Thursday		MATH 208 ARCH 201 MATH 206 BIOT 203		ETEG 429 ETEG 431 EPEG 410 EPEG 421 MEPP 412 MEEG 441 COMP 482 COMP 484 CIEG 405 CHEG 406 ENVS 431 PHAR 402 BIOT 410 PHYS 405
April 17 Friday		MATH 207		
April 19 Sunday	COMP 102 ENGT 104 COMP 103 BIOL 101		ETEG 302 EPEG 317 MEEG 301 COMP 315 GEOM 318 CIEG 305 CHEG 304 ARCH 306 ENVS 332 PHAR 304 BIOT 303 MATH 301	



April 20 Monday		EEEG 204 PHYS 206 PHAR 204 BIOT 205 ENVE 204		MEPP 408 COMP 409 GEOM 411 CIEG 407 CIEG 408 ENVS 404 ENVS 423 PHAR 406 BIOT 413
April 21 Tuesday		CIEG 204		
April 23 Thursday		ENVS 211	CIEG 301 COMP 342 CHEG 311 ENVS 345 MATH 303 MATH 326 ENVE 309	
April 24 Friday				MEPP 431 MEEG 452 GEOM 415, GEOM 417 CIEG 403 ENVS 435 BIOT 416

Note:

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April 2 Ram Nawami

April 13, Nepali New Year





Department of Electrical & Electronics Engineering

Ist year Ist Semester			IIInd year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MATH 101	Calculus and Linear Algebra	3	MATH 207	Differential Equations and Complex Variables	4
PHYS 101	General Physics I	3	EEEG 202	Digital Logic	3
CHEM 101	General Chemistry	3	EEEG 207	Electrical Engineering Materials	3
ENGG 111	Elements of Engineering I	3	EEEG 211	Electronics Engineering I	3
COMP 102	Computer Programming	3	EEEG 213	Network Analysis	3
ENGT 101	Communication Skills I	2	EEEG 217	Digital Electronics Laboratory Work	1
ENGG 101	Engineering Project Preparation	2	EEEG 218	Analog Electronics Laboratory Work	1
EDRG 101	Engineering Drawing I	2	EEEG 205	Engineering Project	1

IIIrd year Ist Semester		
EE (Communication)		
Course No.	Course Title	Credit
EEEG 313	Signals and Systems	3
EEEG 314	Microprocessors	3
COEG 304	Instrumentation and Control	3
ETEG 302	Analog Communications	3
MGTS 301	Economics	3
EEEG 306	Instrumentation and Microprocessor Laboratory	1
ETEG 307	Analog Communications Laboratory	1
ETEG 313	Engineering Project	1

IVth year Ist Semester		
EE (Power & Control)		
Course No.	Course Title	Credit
EEEG 313	Signals and Systems	3
EEEG 314	Microprocessors	3
EPEG 302	Advanced Electrical Machinery	3
EPEG 317	Measurement & Instrumentation	3
MGTS 301	Economics	3
EEEG 306	Instrumentation and Microprocessor Laboratory	1
EPEG 307	Advanced Electrical Machinery Laboratory	1
PCEG 313	Engineering Project	1

EE (Communication)		
Course No.	Course Title	Credit
ETEG 402	Antennas and Propagation	3
ETEG 408	Microwave Devices & Systems	3
ETEG 422	Optical Fiber Communication	3
MGTS 403	Engineering Management	3
ETEG 419	Engineering Project	2
ETEG 403	Communications Laboratory Work	1
<i>Elective (Choose One)</i>		
ETEG 429	Cellular Mobile Communication	3
ETEG 431	Digital Circuit and System Design	3



Department of Mechanical Engineering

Ist year Ist Semester			IIInd year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MATH 101	Calculus and Linear Algebra	3	MATH 207	Differential Equations and Complex Variables	4
PHYS 101	General Physics I	3	MEEG 213	Material Science and Metallurgy	3
CHEM 101	General Chemistry	3	MEEG 216	Engineering Mechanics	3
ENGG 111	Elements of Engineering I	3	MEEG 217	Basic Manufacturing Processes	3
COMP 102	Computer Programming	3	MEEG 219	Metrology	2
ENGT 101	Communication Skills I	2	EEEEG 204	Basic Electronics	2
ENGG 101	Engineering Project Preparation	2	MEEG 210	Engineering Project	2
EDRG 101	Engineering Drawing I	2	MEEG 211	Laboratory Work	2

IIIrd year Ist Semester

Automotive And Design & Manufacturing			Energy Technology And Hydropower		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MEEG 301	Fluid Mechanics	3	MEEG 301	Fluid Mechanics	3
MEEG 315	Machine Element Design and Process I	3	MEEG 315	Machine Element Design and Process I	3
MEEG 325	Finite Element Method	3	MEEG 328	Renewable Energy	3
COEG 304	Instrumentation and Control	3	COEG 304	Instrumentation and Control	3
MGTS 301	Economics	3	MGTS 301	Economics	3
MEEG 305	Laboratory Work	2	MEEG 305	Laboratory Work	2
MEEG 312	Project Work	2	MEEG 312	Project Work	2

IVth year Ist Semester

Automotive			Design and Manufacturing		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MGTS 402	Engineering Entrepreneurship Development	3	MGTS 402	Engineering Entrepreneurship Development	3
MEPP 408	Maintenance Engineering	3	MEPP 408	Maintenance Engineering	3
MEPP 412	Automobile Engineering	3	MEPP 429	Computer Aided Design	3
MEEG 404	Laboratory Work	2	MEEG 404	Laboratory Work	2
MEEG 406	Engineering Project	2	MEEG 406	Engineering Project	2
Electives (Any Two)					
MEPP 403	Refrigeration & Air Conditioning	3	MEPP 403	Refrigeration & Air Conditioning	3
MEPP 427	Mechatronics	3	MEPP 412	Automobile Engineering	3
MEPP 429	Computer Aided Design	3	MEPP 427	Mechatronics	3
MEPP 431	Fracture Mechanics	3	MEPP 431	Fracture Mechanics	3



Department of Computer Science & Engineering

Computer Engineering

Ist year Ist Semester			IInd year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MATH 101	Calculus and Linear Algebra	3	MATH 208	Statistics & Probability	3
PHYS 101	General Physics I	3	MCSC 201	Discrete Structure	3
CHEM 101	General Chemistry	3	EEEG 202	Digital Logic	3
ENGG 111	Elements of Engineering I	3	EEEG 211	Electronics Engineering I	3
COMP 102	Computer Programming	3	COMP 202	Data Structures and Algorithms	3
ENGT 101	Communication Skills I	2	COMP 206	Computer Project	2
ENGG 101	Engineering Project Preparation	2	COMP 208	Laboratory Work	1
EDRG 101	Engineering Drawing I	2			
IIIrd year Ist Semester			IVth year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
COEG 304	Instrumentation and Control	3	COMP 401	Software Engineering	3
COMP 301	Principles of Programming Languages	3	COMP 407	Digital Signal Processing	3
COMP 307	Operating Systems	3	COMP 409	Compiler Design	3
COMP 315	Computer Architecture & Organization	3	COMP 472	Artificial Intelligence (AI)	3
MGTS 301	Economics	3	MGTS 403	Engineering Management	3
COMP 303	Combined Engineering Project	2	<i>Elective (Choose any One)</i>		
COMP 310	Laboratory Work	1	COMP 482	Data Mining	3
			COMP 484	Machine Learning	3



Department of Geomatics Engineering

Geomatics Engineering

Ist year Ist Semester			IInd year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MATH 101	Calculus and Linear Algebra	3	MATH 207	Differential Equations and Complex Variables	4
PHYS 101	General Physics I	3	MATH 205	Trigonometry & Analytical Geometry	3
CHEM 101	General Chemistry	3	GEOM 201	Introduction to Surveying & Geomatics	2
ENGG 111	Elements of Engineering I	3	GEOM 202	Control Surveying	4
COMP 102	Computer Programming	3	GEOM 205	Topographical Surveying	3
ENGT 101	Communication Skills I	2	GEOM 208	Engineering Project III	2
ENGG 101	Engineering Project Preparation	2			
EDRG 101	Engineering Drawing I	2			
IIIrd year Ist Semester					
Course No.	Course Title	Credit	IVth year Ist Semester		
GEOM 303	Engineering & Construction Survey	3	GEOM 401	Survey Management	3
GEOM 316	Photogrammetry	4	GEOM 402	Remote Sensing	3
GEOM 317	Physical Geodesy	3	CIEG 405	Entrepreneurship and Ethics	3
GEOM 318	Spatial Database Management	3	GEOM 405	Web GIS	3
MGTS 301	Economics	3	GEOM 406	Spatial Data Infrastructure	2
GEOM 314	Engineering Project IV	2	GEOM 411	Python Programming	3
			<i>Elective (Choose any One)</i>		
			GEOM 415	Land Use Planning & Environmental Management	3
			GEOM 417	Precise Point Positioning	3



Department of Civil Engineering

Civil Engineering

Ist year Ist Semester			IInd year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MATH 101	Calculus and Linear Algebra	3	MATH 207	Differential Equations and Complex Variables	4
PHYS 101	General Physics I	3	MATH 205	Trigonometry & Analytical Geometry	3
CHEM 101	General Chemistry	3	CIEG 201	Construction Materials and Concrete Technology	3
ENGG 111	Elements of Engineering I	3	CIEG 202	Engineering Survey I	3
COMP 102	Computer Programming	3	CIEG 203	Applied Mechanics	3
ENGT 101	Communication Skills I	2	CIEG 204	Fluid Mechanics	3
ENGG 101	Engineering Project Preparation	2	CIEG 205	Engineering Project III	2
EDRG 101	Engineering Drawing I	2			
IIIrd year Ist Semester			IVth year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
CIEG 301	Hydraulics and River Engineering	3	CIEG 401	Transportation Engineering	3
CIEG 302	Remote Sensing and GIS	2	CIEG 402	Steel and Timber Structures	3
CIEG 303	Soil and Rock Mechanics	3	CIEG 403	Construction Management	3
CIEG 304	Hydraulics Structure	3	CIEG 404	Environmental and Social Engineering	3
CIEG 305	Structural Analysis I	3	CIEG 405	Entrepreneurship and Ethics	3
CIEG 306	Estimating and Valuation	2	CIEG 406	Hydropower Engineering II	3
MGTS 301	Economics	3		<i>Choose One (Elective)</i>	
			CIEG 408	Tunneling and Underground Structures	3
			CIEG 407	Irrigation Engineering	3



Bachelor of Architecture (B. Arch.)

Ist year Ist Semester		IInd year Ist Semester		Credit
Course No.	Course Title	Course No.	Course Title	Credit
MATH 105	Engineering Mathematics I	ARCH 201	Building Science II	3
ENGT 103	Communication Skills I	ARCH 202	History of Architecture II	3
ARCH 111	History of Architecture I	ARCH 203	Building Constructions I	3
ARCH 101	Building Science I	ARCH 204	Applied Mechanics	3
ARCH 121	Design Studio I	ARCH 205	Engineering Survey I	3
ARCH 151	Art Appreciation and Practice I	ARCH 206	Architectural Drawing and Graphics III	2
ARCH 131	Architectural Drawing and Graphics I	ARCH 207	Design Studio III	4

IIIrd year Ist Semester		Credit
Course No.	Course Title	Credit
ARCH 301	Mountain Architecture	2
ARCH 302	Design Studio V	5
ARCH 303	Building Services I	3
ARCH 304	Working Drawing/CAD I	3
ARCH 305	Building Constructions II	3
ARCH 306	Theory of Structures	3
MGT 305	Economics	2



Department of Chemical Engineering

Ist year Ist Semester		IInd year Ist Semester		Credit	Course Title	Credit
Course No.	Course Title	Course No.	Course Title			
MATH 101	Calculus and Linear Algebra	MATH 207	Differential Equations and Complex Variables	3		4
PHYS 101	General Physics I	MEEG 213	Material Science and Metallurgy	3		3
CHEM 101	General Chemistry	MEEG 216	Engineering Mechanics	3		3
ENGG 111	Elements of Engineering I	EEEE 204	Basic Electronics	3		2
COMP 102	Computer Programming	CHEM 201	Reaction Mechanism & Stereochemistry	3		3
ENGT 101	Communication Skills I	CHEG 201	Chemical Process Calculation	2		3
ENGG 101	Engineering Project Preparation	CHEG 202	Engineering Project III	2		2
EDRG 101	Engineering Drawing I			2		

IIIrd year Ist Semester		IVth year Ist Semester		Credit	Course Title	Credit
Course No.	Course Title	Course No.	Course Title			
CHEG 301	Chemical Reaction Engineering I	CHEG 401	Transport Phenomena	3		3
CHEG 302	Process Control and Instrumentation	CHEG 402	Nano & Composite Materials	3		3
CHEG 303	Heat Transfer	MGTS 402	Entrepreneurship Development	3		3
CHEG 304	Biochemical Engineering	MGTS 403	Engineering Management	3		3
CHEG 311	Chemical Process Technology II	CHEG 403	Plant Design	3		3
MGTS 301	Economics	CHEG 404	Design Laboratory	3		2
CHEG 306	Project Work		<i>Choose One (Elective)</i>	2		
		CHEG 406	Chemical Process Safety			3



Department Environmental Science & Engineering

Environmental Science

Ist year Ist Semester			IInd year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MATH 111	Calculus and Algebra	3	MATH 206	Statistical Analysis	3
PHYS 101	General Physics I	3	CHEM 207	Organic Chemistry	2
CHEM 101	General Chemistry	3	ENVS 201	Environmental Chemistry	2
BIOL 103	General Biology	3	PHYS 206	Environmental Physics	2
COMP 101	Information Systems Technology	2	ENVS 207	Natural Resource Management	3
ENGT 104	Professional Communication	3	ENVS 211	Principles of Ecology	2
ENGG 101	Engineering Project Preparation	2	ENVS 212	Biodiversity & Taxonomy	3
			ENVS 221	Ecological Practical	1
			ENVS 218	Environmental Chemistry Laboratory	1
IIIrd year Ist Semester			IVth year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
INAN 301	Instrumental Analysis	3	ENVS 402	Environmental Impact Assessment	3
ENVS 328	Conservation Biology	3	ENVS 413	Urbanization and Sustainable Development	3
ENVS 332	Geology and Geomorphology	2	ENVS 415	Fundamentals of Aquatic Ecology	3
ENVS 333	Meteorology & Climatology	3	ENVS 431	Municipal and Hazardous Waste	3
ENVS 338	Bioengineering	3	ENVS 435	Integrated Watershed Management	3
ENVS 345	Environmental Sociology and Human Ecology	2	MGTS 402	Entrepreneurship Development	3
INAN 302	Instrumental Analysis Laboratory	1	<i>Elective (Choose ONE)</i>		
ENVS 340	Geology Practical	1	ENVS 404	Environmental Modeling	3
ENVS 341	Meteorology & Climatology Practical		ENVS 423	Glacier Environments	3



Department of Pharmacy

Ist year Ist Semester			IInd year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
MATH 111	Calculus and Linear Algebra	3	MATH 206	Statistical Analysis	3
PHYS 104	General Physics	3	CHEM 201	Reaction Mechanism & Stereochemistry	3
CHEM 101	General Chemistry	3	PHAR 201	Pharmaceutical Microbiology	3
ENGT 104	Professional Communication	3	PHAR 203	Human Physiology & Pathophysiology I	3
COMP 101	Information Systems Technology	2	PHAR 204	Pharmacognosy I	2
PHAR 112	Foundation Course in Pharmacy	2	PHAR 216	Inorganic Pharmaceutical Chemistry	2
PHAR 140	Foundation Course in Pharmacy Laboratory	1	PHAR 202	Pharmaceutical Microbiology Laboratory	1
PHYS 146	General Physics Laboratory	1	PHAR 205	Pharmacognosy Laboratory	1
			PHAR 217	Inorganic Pharmaceutical Chemistry Laboratory	1
IIIrd year Ist Semester			IVth year Ist Semester		
Course No.	Course Title	Credit	Course No.	Course Title	Credit
INAN 301	Instrumental Analysis	3	PHAR 401	Pharmacy Practice I	2
PHAR 301	Physical Pharmacy	3	PHAR 402	Hospital Pharmacy	2
PHAR 303	Pharmacology & Toxicology I	3	PHAR 404	Industrial Pharmacy I	3
PHAR 304	Pharmaceutical Chemistry of Natural Products	3	PHAR 406	Quality Assurance & GMP	2
MGTS 301	Economics	3	PHAR 408	Pharmaceuticals	3
PHAR 302	Physical Pharmacy Laboratory	1	MGTS 402	Entrepreneurship Development	3
PHAR 305	Pharmaceutical Chemistry Laboratory	1	PHAR 403	Pharmacy Practice & Hospital Pharmacy Laboratory	1
INAN 302	Instrumental Analysis Laboratory	2	PHAR 405	Industrial Pharmacy Laboratory	1
			PHAR 407	Quality Assurance Laboratory	2



Department of Physics

Applied Physics

IIIrd year Ist Semester		IVrd year Ist Semester		Credit
Course No.	Course Title	Course No.	Course Title	Credit
PHYS 301	Physics & Environment	PHYS 401	Engineering Physics	3
PHYS 302	Mathematical Physics	PHYS 402	Introduction to Plasma Physics	3
PHYS 303	Solid State Physics	PHYS 403	Physics of Nano-materials	3
MATH 301	Discrete Mathematics	PHYS 404	Photonics and Applications	3
MATH 302	Matrix Theory	PHYS 405	Computational Physics	3
MATH 303	Linear Programming	PHYS 406	Project	1
PHYS 304	Waves & Optics Laboratory			1
PHYS 305	Project			1



Department of Mathematics

Computational Mathematics			
1st year 1st Semester		2nd year 1st Semester	
Course No.	Course Title	Course No.	Course Title
MATH 101	Calculus and Linear Algebra	COMP 202	Data Structure & Algorithms
PHYS 101	General Physics I	MATH 201	Advanced Calculus
CHEM 101	General Chemistry	MATH 208	Statistics & Probability
BIOL 103	General Biology	MATH 204	Analytic Geometry
COMP 102	Computer Programming	MCSC 201	Discrete Mathematics
ENGT 101	Communication Skills I	COMP 206	Computer Project
ENGG 101	Engineering Project Preparation	MATH 251	Project
EDRG 101	Engineering Drawing I		
		Credit	Credit
		3	3
		3	3
		3	3
		3	3
		2	2
		2	1
		2	

IIIrd year 1st Semester		
Course No.	Course Title	Credit
MATH 302	Matrix Theory	3
MATH 304	Computational Operations Research	3
MATH 326	Complex Variables	3
MGTS 301	Economics	3
COMP 315	Compute Architecture & Organization	3
COMP 316	Theory of Computation	3
MATH 351	Project	1