



NORTH EASTERN HILL UNIVERSITY
HEADQUARTERS :: SHILLONG
THEORY PROGRAMME
BACHELOR OF SCIENCE (PASS)
FIRST, SECOND & THIRD YEAR EXAMINATION 2019 (Annual)

Day	Date	Morning 9:00 AM – 12:00 Noon	Afternoon 1:00 PM – 4:00 PM
FRI	01.03.19	English (Syllabus 2009)	Environmental Studies (Syllabus 2009)
SAT	02.03.19	** Maths I (Syllabus 2009) Zoology I (Syllabus 2009)	* Maths V (Syllabus 2009) Botany V (Syllabus 2009)
TUE	05.03.19	Chemistry I (Syllabus 2009)	Physics III (Syllabus 2009) Botany III (Syllabus 2009)
WED	06.03.19	Botany VII (Syllabus 2009) Physics Paper VI (Syllabus 2009)	Computer Science II (Syllabus 2010) (a) Computer Graphics (b) Visual Prog. Using VB.NET
THU	07.03.19	Electronics 111 (Syllabus 2009) EVS 111 – Concept and Component of Environment Fisheries Science – Fish Biology I (Syllabus 2009)	Fisheries Science V (Syllabus 2009) Fish Biology – II Computer Science III (Syllabus 2010)
FRI	08.03.19	* Chemistry III (Syllabus 2009) (Inorganic)	Electronic 311 (Syllabus 2009)
SAT	09.03.19	** Maths II (Syllabus 2009) EVS 112 – Natural Resources	Maths III (Syllabus 2009) Zoology V (Syllabus 2009)
MON	11.03.19	Physics I (Syllabus 2009) Botany I (Syllabus 2009)	Economics II (Syllabus 2009) Physics IV (Syllabus 2009)
TUE	12.03.19	Fisheries Science XI (Syllabus 2009) Advanced Aquaculture	Geology I (Syllabus 2009)
WED	13.03.19	* Chemistry IV (Syllabus 2009) (Organic)	Statistics VII (Syllabus 2009)
THU	14.03.19	** Maths VII (Syllabus 2009) Zoology VII (Syllabus 2009)	Economics I (Syllabus 2009)
FRI	15.03.19	* Chemistry V (Syllabus 2009) (Physical)	Chemistry VII (Syllabus 2009)
SAT	16.03.19	Geology IV (Syllabus 2009) Electronics 212 (Syllabus 2009) Geography IV (Syllabus 2009)	Geography III (Syllabus 2009) Statistics VIII (Syllabus 2009)

MON	18.03.19	Statistics I (Syllabus 2009)	** Maths IV (Syllabus 2009) Fisheries Science IX (Syllabus 2009) Aquaculture EVS 211 – Ecosystem Community and Population Ecology
TUE	19.03.19	Geology VI (Syllabus 2009) Computer Science IV (Syllabus 2010)	
WED	20.03.19	Economics III (Syllabus 2009)	Statistics V (Syllabus 2009) Geography II (Syllabus 2009)
FRI	22.03.19	Statistics II (Syllabus 2009)	Electronics 211 (Syllabus 2009)
SAT	23.03.19	* Maths VI (Syllabus 2009) Zoology III (Syllabus 2009)	Maths VIII (Syllabus 2009) EVS 311 – Biodiversity conservation and environmental bio-technology
MON	25.03.19	Geography I (Syllabus 2009) Computer Science I (Syllabus 2010)	Statistics IV (Syllabus 2009) Geology III (Syllabus 2009)

Note : ** Time duration is of 2(two) hours.

* Time duration is of 2½ (two and half) hours.

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NORTH EASTERN HILL UNIVERSITY
HEADQUARTERS :: SHILLONG
THEORY PROGRAMME
BACHELOR OF SCIENCE (HONOURS)
FIRST YEAR EXAMINATION 2019 (Annual)

MORNING – 9:00 AM – 12:00 Noon

TUE	26.03.19	Botany IX	Environmental and Conservation Biology, Plant Geography Ethnobotany (Syllabus 2009)
		Zoology IX	Functional Anatomy, Evolution and Adaptation (Syllabus 2009)
		Chemistry 121 Paper I	Inorganic (Syllabus 2009) *
		Geology VIII	Structural Geology & Tectonics (Syllabus 2009)
		Geography V	Regional Study of South East Asia and China (Syllabus 2009)
		Economics IV	Quantitative Techniques (Syllabus 2009)
		Electronics 121	Elect 121 (Syllabus 2009)
		Fishery Science -- III	Capture Fisheries (Syllabus 2009)
		Computer Science VI	Database Management System (Syllabus 2010)
		Biochemistry I	Biomolecules (Syllabus 2009)
		Biotechnology I	Biological Chemistry and Techniques (Syllabus 2009)
		Clinical Nutrition and Dietetics - I	Basic Nutrition and Nutritional Biochemistry (Syllabus 2009)
		STH 104 -- Statistics	Mathematical and Statistical Methods (Syllabus 2009)
Mathematics IX	Elementary Number Theory (Syllabus 2009)		

WED	27.03.19	Chemistry 122 Paper II	Organic (Syllabus 2009) *
FRI	29.03.19	STH 105 - Statistics	Probability and Distribution Theory II (Syllabus 2009)
		Mathematics X	a) Computer Programming in Fortran b) Computer Programming in 'C' c) Probability Theory d) Astronomy } Syllabus 2009
		Bio-Technology II	Cell Biology and Genetics (Syllabus 2009)
		Clinical Nutrition and Dietetics II	Human Physiology (Syllabus 2009)
		Bio Chemistry II	Bio-Statistics & Bio-Physics (Syllabus 2009)
		Physics VIII	Mathematical Physics, Electrodynamics (Syllabus 2009)
		Chemistry 123 Paper III	Physical (Syllabus 2009)

Note : ** Time Duration is of 2(Two) Hours only.

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THEORY PROGRAMME
BACHELOR OF SCIENCE (HONOURS)
SECOND YEAR EXAMINATION 2019 (Annual)

Day	Date	Morning 9:00 AM- 12:00 Noon	
MON	01.04.19	Botany XI	Microbiology and Plant Pathology (Syllabus 2009)
		Clinical Nutrition & Dietetics IV	Basic Dietetics (Syllabus 2009)
		Chemistry Paper V – 221	Inorganic (Syllabus 2009)
		Electronics 221	Electronic 221 (Syllabus 2009)
		Fisheries Science VII	Aquatic Ecology (Syllabus 2009)
		Zoology XI	Cell and Molecular Biology and Genetics (Syllabus 2009)
		Statistics STH -- 204	Numerical Methods and Estimation Theory (Syllabus 2009)
		Mathematics XI	Advance Calculus I (Syllabus 2009)
		Geology X	Igneous Petrology and Sedimentology etc (Syllabus 2009)
		Geography VI	Economic Geography (Syllabus 2009)
		Economics V	International Trade (Syllabus 2009)
		Computer Science VII	Data communication and network (Syllabus 2010)
		Bio Technology IV	Animal Diversity, Physiology and Developmental Biology (Syllabus 2009)
		Bio Chemistry IV	Intermediary Metabolism (Syllabus 2009)
Physics IX	Classical Mechanics, Quantum Mechanics II, Statistical Mechanics (Syllabus 2009)		

TUE	02.04.19	Clinical Nutrition & Dietetics V	Clinical Nutrition (Syllabus 2009)
		Bio Chemistry V	Cell Biology & Physiology (Syllabus 2009)
		Chemistry 222 Paper VI	Organic (Syllabus 2009)
WED	03.04.19	Biochemistry VI	Protein and Enzymes (Syllabus 2009)
		Chemistry 223 Paper VII	Physical (Syllabus 2009)
		Clinical Nutrition & Dietetics VII	Food Microbiology and Food Commodity (Syllabus 2009)
		Bio Technology V	Molecular Biology and Immunology (Syllabus 2009)
		Mathematics XII**	Differential Equation (Syllabus 2009)
		Statistics STH – 205	Theory of Testing of Hypothesis (Syllabus 2009)
		Economics VI	Money, Banking and Public Finance (Syllabus 2009)

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THEORY PROGRAMME
BACHELOR OF SCIENCE (HONOURS)
THIRD YEAR EXAMINATION 2019 (Annual)

Day	Date	Afternoon 1:00 PM - 4:00 PM	
TUE	26.03.19	Botany XIII	Embryology, Palynology, Economic Botany (Syllabus 2009)
		Chemistry 321 – Paper IX	Inorganic (Syllabus 2009)
		Electronics 321	Electronic 321 (Syllabus 2009)
		Geology XII	Advance Paleontology and Stratigraphy (Syllabus 2009)
		Mathematics XIII*	Advance Calculus II (Syllabus 2009)*
		Zoology XIII	Bio Chemistry, Animal Physiology and Endocrinology (Syllabus 2009)
		Fisheries Science XIII	Fish Technology and Extension Education (Syllabus 2009)
		Statistics STH – 304	Linear model Regression etc (Syllabus 2009)
		Bio Technology VII	Microbiology and Environmental Biotechnology (Syllabus 2009)
		Bio Chemistry VIII	Nutritional and Clinical Bio-Chemistry (Syllabus 2009)
		Computer Science Paper VIII	a) Object Oriented Prog. Through Java (Syllabus 2010) b) Web Prog.in PHP and MYSQL (Syllabus 2010)
		Clinical Nutrition & Dietetics VIII	Meal Management & Personnel Management (Syllabus 2009)
		Economics VII	Development and Environmental Economics (Syllabus 2009)

WED	27.03.19	Mathematics XIV	Advance Algebra (Syllabus 2009)
		Chemistry 322 – Paper X	Organic Chemistry(Syllabus 2009)
		Clinical Nutrition & Dietetics X	Advance Dietetics (Syllabus 2009)
		Biochemistry IX	Microbiology & Immunology (Syllabus 2009)
		Bio-Technology VIII	Animal and Plant Bio-technology (Syllabus 2009)
		Physics X	Solid State Physic II, Electronics, Elementary Comp. Prog. (Syllabus 2009)
		Geography VII	Environmental Issues in Geography (Syllabus 2009)
THU	28.03.19	**Mathematics XV	Dynamics (Syllabus 2009)**
FRI	29.03.19	Botany XV	Biochemistry, Molecular Biology and Plant Bio Technology (Syllabus 2009)
		Electronics 322	Electronic 322 (Syllabus 2009)
		Geology XIII	Remote Sensing and Environmental Geology and Hydrogeology (Syllabus 2009)
		Statistics STH – 305	Sample Survey, Environmental Stochastic process and Reliability (Syllabus 2009)
		Zoology XV	Developmental Biology, Environmental Biology etc (Syllabus 2009)
		Fisheries Science XV	Fish Physiology, Genetics and Pathology (Syllabus 2009)
		Computer Science IX	Operating System and Introduction to Linux (Syllabus 2010)
		Geography VIII	(a) Geomorphology (b) Bio-Geography (c) Population Geography (d) Urban Geography (e) Agricultural Geography } Syllabus 2009

FRI	29.03.19	Economics VIII	a) Banking and Financial Market b) Demography c) Computer and its Application d) Advanced Statistical Methods e) Advanced Monetary Theory f) Mathematical Economics g) History of Economic Thought	} Syllabus 2009
		Chemistry 323 – Paper XI	Physical Chemistry (Syllabus 2009)	
		Clinical Nutrition & Dietetics XI	Community Nutrition (Syllabus 2009)	
		Bio-Technology IX	Biostatistics and Computer Application (Syllabus 2009)	
		Physics XI	Atomic and Molecular Spectroscopy, Nuclear and Particle Physics (Syllabus 2009)	
		Bio-Chemistry X	Molecular Biology (Syllabus 2009)	
		Mathematics XVI*	a) Computer Oriented Numerical Analysis b) Hydrostatics c) Complex Function Theory d) Real Number System e) Operation Research	} Syllabus 2009

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*** Time Duration is of 1½(one and half) Hours.

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NORTH EASTERN HILL UNIVERSITY

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THEORY PROGRAMME

Microbiology (Honours)

FIRST, SECOND & THIRD YEAR EXAMINATION 2019 (Annual)

Day	Date	Morning 9:00 AM – 12:00 Noon	Afternoon 1:00 PM – 4:00 PM
TUE	26.03.19	MICB - T 101 - Introductory Microbiology (Syllabus 2007)	MICB – T 311 – Molecular Biology and Recombinant DNA Tech (Syllabus 2007)
WED	27.03.19	MICB - T – 205 – Elementary Biochemistry and Microbial Physiology (Syllabus 2007)	
THU	28.03.19	MICB - T 103 - Bacteriology and Virology (Syllabus 2007)	MICB - T 313 – Medical Microbiology and Immunology (Syllabus 2007)
FRI	29.03.19	MICB – T – 207 – Microbial Genetics, Bio Statistics and Computer Application (Syllabus 2007)	MICB – T 315 – Industrial and Food Microbiology (Syllabus 2007)
SAT	30.03.19	MICB – T – 209 – Microbial Ecology and Environmental Microbiology (Syllabus 2007)	

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NORTH EASTERN HILL UNIVERSITY
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THEORY PROGRAMME
Environmental Science (Honours)
FIRST, SECOND & THIRD YEAR EXAMINATION 2019(Annual)

		Morning 9:00 AM – 12:00 Noon
Day	Date	Subject
TUE	26.03.19	EVS – 121 – Environment Pollution
WED	27.03.19	EVS – 321 – Environment Chemistry
THU	28.03.19	EVS – 221 – Tools and Techniques in Environmental Science
FRI	29.03.19	EVS – 322 – EIA, Environmental Economics and Law

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