

**HIMACHAL PRADESH UNIVERSITY**  
(NAAC Accredited 'A' Grade University)  
"CONDUCT BRANCH"

Date-sheet for M.Sc. (Botany/ Zoology) 2<sup>nd</sup> & 4<sup>th</sup> Semester Regular and 1<sup>st</sup> & 3<sup>rd</sup> Semester Re-appear examination to be held in July, 2022

**Evening Session**

**Time: 2.00 PM to 5.00 PM**

**2<sup>nd</sup> & 4<sup>th</sup> Semester Regular & 1<sup>st</sup> & 3<sup>rd</sup> Semester Re-appear**

Date	Semester	Subject	Course	Title of the course
30.7.2022	4 <sup>th</sup>	Botany Zoology	XIII XIII	Biochemistry Biochemistry (Common Course)
01.8.2022	2 <sup>nd</sup>	Botany Zoology	V V	Cell and Molecular Biology Cell and Molecular Biology (Common Course)
02.8.2022	4 <sup>th</sup>	Botany Zoology	XIV XIV	Ecology Ecology (Common Course)
04.8.2022	2 <sup>nd</sup>	Botany Zoology	VI VI	Biostatistics and Computer Applications Biostatistics and Computer Applications (Common Course)
06.8.2022	4 <sup>th</sup>	Botany	XV	<b>Special Paper:- Any one of the following:</b> Advanced topics in applied Microbiology or Advanced topics in Plant Pathology or Wood Science, Forest Biodiversity & Plant Resources or Biodiversity, Bioprospecting Ethnobotany and sustainable Utilization of Plant Resources or Advanced in Plant Physiology or Plant Reproduction tissue culture & Horticulture Science
	4 <sup>th</sup>	Zoology	XV	<b>Special Paper:- Any one of the following:</b> Molecular and Human Genetics or Parasitology or Entomology Or Molecular Physiology
08.8.2022	2 <sup>nd</sup>	Botany Zoology	VIII VIII	Biology and Diversity of Angiosperms-I Developmental Biology
11.8.2022	2 <sup>nd</sup>	Botany Zoology	VII VII	Biology and Diversity of Gymnosperms Comparative Anatomy of Vertebrates
12.8.2022	1 <sup>st</sup>	Botany Zoology	I I	Biology and Diversity of Algae and Fungi Biosystematics and Taxonomy
16.8.2022	3 <sup>rd</sup>	Botany Zoology	IX IX	Cytogenetics and Evolution Cytogenetics and Evolution (Common Course)
17.8.2022	1 <sup>st</sup>	Botany Zoology	II II	Biology and Diversity of Microbes and Plant Pathogens Structure and Functions of Invertebrates
18.8.2022	3 <sup>rd</sup>	Botany Zoology	X X	Immunology and Biotechnology Immunology and Biotechnology (Common Course)
20.8.2022	1 <sup>st</sup>	Botany Zoology	III III	Biology and Diversity of Bryophytes and Pteridophytes Insect Diversity and Physiology
22.8.2022	3 <sup>rd</sup>	Botany Zoology	XI XI	Biology and Diversity of Angiosperms-II Applied Zoology
23.8.2022	1 <sup>st</sup>	Botany Zoology	IV IV	Plant Resources Utilization and Breeding Biology of Parasites
24.8.2022	3 <sup>rd</sup>	Botany Zoology	XII XII	Plant Physiology General Physiology

Dated: Shimla-5, the 15.7.2022

Sd/-  
Deputy Registrar (Conduct)

Sd/-  
Controller of Examinations

**EXAMINATION CENTRES:-**

1. Shimla, as per notification No. 1-11/2021-HPU (Conduct)-II dated 25.5.2022
2. Govt. College Solan for Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan(H.P.).
3. Vallabh Govt. College Mandi (H.P.) for the students of Abhilashi Institute of Life Science, Tanda, P.O. Balt, Mandi (H.P.)
4. Gautam College, Hamirpur, Distt. Hamirpur (H.P.).
5. M.L.S.M. College Sundernagar, Distt. Mandi, H.P.
6. Govt. College Rampur Bushehar.
7. Govt. College Dhaliara for the students of Thakur PG College of Education, Dhaliara, Teh. Dehra, Distt. Kangra (H.P.) .
8. H.P University Centre for Evening Studies, The Mall, Shimla for the Students of St. Bede's College, Shimla
9. Govt. College Hamirpur (H.P)
10. MCM DAV College Kangra also for the students of VVM College Malkwal, Distt. Kangra
11. Govt. College Ghumarwin, Distt. Bilaspur (H.P)

**HIMACHAL PRADESH UNIVERSITY**  
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Date-sheet for M.Sc. Chemistry 2<sup>nd</sup> & 4<sup>th</sup> Semester Regular and 1<sup>st</sup> & 3<sup>rd</sup> Semester Re-appear examination to be held in July, 2022.

**Evening Session**

**Time: 2.00 PM to 5.00 PM**

**2<sup>nd</sup> & 4<sup>th</sup> Semester Regular & 1<sup>st</sup> & 3<sup>rd</sup> Semester Re-appear**

Date	Semester	Course	Title of the course
30.7.2022	4 <sup>th</sup>	XV	Special Theory-II (A) Inorganic Chemistry (NS/OS) (B) Organic Chemistry(NS/OS) (C) Physical Chemistry(NS/OS)
01.8.2022	2 <sup>nd</sup>	V	Inorganic Chemistry(NS/OS)
02.8.2022	4 <sup>th</sup>	XVI	Special Theory-III (A) Inorganic Chemistry (NS/OS) (B) Organic Chemistry(NS/OS) (C)Physical Chemistry (NS/OS)
04.8.2022	2 <sup>nd</sup>	VI	Organic Chemistry(NS/OS)
06.8.2022	4 <sup>th</sup>	XVII	Special Theory-IV (A) Inorganic(NS/OS) (B) Organic (NS/OS) (C) Physical(NS/OS)
08.8.2022	2 <sup>nd</sup>	VII	Physical Chemistry(NS/OS)
10.8.2022	4 <sup>th</sup>	XVIII	Special Theory-V (A)Bio Inorganic Chemistry(NS/OS) (B) Organic Chemistry(NS/OS) (C) Physical Chemistry (NS/OS)
12.8.2022	2 <sup>nd</sup>	VIII	Chemistry of Life and Environmental Chemistry(NS/OS)
16.8.2022	1 <sup>st</sup>	I	Inorganic Chemistry (NS/OS)
17.8.2022	3 <sup>rd</sup>	X	Inorganic Chemistry (NS/OS)
18.8.2022	1 <sup>st</sup>	II	Organic Chemistry (NS/OS)
20.8.2022	3 <sup>rd</sup>	XI	Organic Chemistry(NS/OS)
22.8.2022	1 <sup>st</sup>	III	Physical Chemistry (NS/OS)
23.8.2022	3 <sup>rd</sup>	XII	Physical Chemistry (NS/OS)
24.8.2022	1 <sup>st</sup>	IV	Mathematics for Chemists and Application of Computer in Chemistry (NS/OS)
25.8.2022	3 <sup>rd</sup>	XIII	Special Paper:- (A) Inorganic Chemistry(NS/OS) (B) Bio-Organic Chemistry (NS/OS) (C) Physical Chemistry(NS/OS)

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5. MLSM College Sundernagar, Distt. Mandi
6. Govt. College Nalagarh, Distt. Solan
7. Govt. College Rampur Bushehar, Distt. Shimla
8. BTC DAV College Banikhet, Distt. Chamba
9. Govt. College Ghumarwin, Distt. Bilaspur
10. Govt. College Dhaliara, Distt. Kangra also for the students of Thakur PG College of Education, Dhaliara, Teh. Dehra, Distt. Kangra (H.P)
11. SCVB Govt. College Palampur, Distt. Kangra
12. Govt. College Dharamshala
13. Govt. College Bilaspur
14. Govt. College Solan for Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan(H.P.).
15. Govt. College Sarkaghat
16. Govt. College Hamirpur

**HIMACHAL PRADESH UNIVERSITY**  
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Date-sheet for M.Sc. Environmental Sciences 2<sup>nd</sup> & 4<sup>th</sup> Semester Regular and 1<sup>st</sup> & 3<sup>rd</sup> Semester Re-appear examination to be held in July, 2022

**Morning Session**

**Time: 9.00 AM to 12.00 Noon**

**2<sup>nd</sup> & 4<sup>th</sup> Semester Regular & 1<sup>st</sup> & 3<sup>rd</sup> Semester Re-appear**

Date	Semester	Course	Title of the course
30.7.2022	4 <sup>th</sup>	MES-401	Environmental Law, Governance, Ethics and Policy (Compulsory)(NS/OS) (Last Chance for OS)
01.8.2022	2 <sup>nd</sup>	MES-201	Environmental Pollution
02.8.2022	4 <sup>th</sup>	MES-402	Any one of the following: (i) Biodiversity & Wildlife Ecology (NS/OS) (Last Chance for OS) (ii) Environmental Biology (OS) (Last Chance) (iii) Environmental Economics (OS) (Last Chance for ) (iv) Environmental Health (OS) (Last Chance) (iii) Environmental Health (NS) (v) Climate Change and Clean Technology(NS) (vi) Environmental Clearance and Environmental Audit (NS)
04.8.2022	2 <sup>nd</sup>	MES-202	Natural Resources: Conservation & Management
06.8.2022	2 <sup>nd</sup>	MES-203	Ecotoxicology and Radiation Impacts
08.8.2022	2 <sup>nd</sup>	MES-204	Environmental Impact Assessment
10.8.2022	1 <sup>st</sup>	MES-101	Environmental Geology and Atmospheric Science
12.8.2022	3 <sup>rd</sup>	MES-301	Remote Sensing, GIS and Environment Management(OS)
		MES-301	Remote Sensing & GIS(NS)
16.8.2022	1 <sup>st</sup>	MES-102	Environmental Biology
17.8.2022	3 <sup>rd</sup>	MES-302	Environmental Chemistry & Green Technology
18.8.2022	1 <sup>st</sup>	MES-103	Environmental Disasters: Mitigation & Management
20.8.2022	3 <sup>rd</sup>	MES-303	Research Methodology Statistics & Computer Application
22.8.2022	1 <sup>st</sup>	MES-104	Current Environmental Issues & their Management
23.8.2022	3 <sup>rd</sup>	MES-304	Techniques in Environmental Monitoring & Analysis

Dated: Shimla-5, the 15.7.2022

Examination Centre: Shimla, as per notification No. 1-11/2021-HPU (Conduct)-II dated 25.5.2022

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Date-sheet for M.Sc. Geology 2<sup>nd</sup> & 4<sup>th</sup> Semester Regular and 1<sup>st</sup> & 3<sup>rd</sup> Semester Re-appear examination to be held in July, 2022

**Evening Session**

**Time: 2.00 PM to 5.00 PM**

<b>Date</b>	<b>Semester</b>	<b>Course</b>	<b>Title of the course</b>
30.7.2022	4 <sup>th</sup>	XXII	Exploration Geophysics
01.8.2022	2 <sup>nd</sup>	VIII	Igneous Petrology
02.8.2022	4 <sup>th</sup>	XXIII	Ore Geology
04.8.2022	2 <sup>nd</sup>	IX	Metamorphic Petrology
06.8.2022	4 <sup>th</sup>	XXIV	Environmental Geology
08.8.2022	2 <sup>nd</sup>	X	Palaeontology
10.8.2022	4 <sup>th</sup>	XXI	Engineering Geology
12.8.2022	2 <sup>nd</sup>	XI	Stratigraphy
16.8.2022	3 <sup>rd</sup>	XIV	Geodynamics
17.8.2022	1 <sup>st</sup>	I	Geomorphology
18.8.2022	3 <sup>rd</sup>	XV	Hydrogeology
20.8.2022	1 <sup>st</sup>	II	Structural Geology
22.8.2022	3 <sup>rd</sup>	XVI	Fuel Geology
23.8.2022	1 <sup>st</sup>	III	Sedimentology
24.8.2022	3 <sup>rd</sup>	XVII	Remote Sensing and GIS
25.8.2022	1 <sup>st</sup>	IV	Mineralogy and Geochemistry

Dated: Shimla-5, the 15.7.2022

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Examination Centre: HPU Regional Centre, Dharamshala, Distt. Kangra

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Date-sheet for M.Sc. Physics 2<sup>nd</sup> & 4<sup>th</sup> Semester Regular and Semester 1<sup>st</sup> & 3<sup>rd</sup> Re-appear examination to be held in July, 2022

**Morning Session**

**Time: 9.00 AM to 12.00 Noon**

Date	Semester	Course	Title of the course
30.7.2022	2 <sup>nd</sup>	PHYMS- 201	Quantum Mechanics-I
01.8.2022	4 <sup>th</sup>	PHYMS- 401	Electronics-II
02.8.2022	2 <sup>nd</sup>	PHYMS- 202	Condensed Matter Physics
04.8.2022	4 <sup>th</sup>	PHYMS- 402	a) Advanced High Energy Physics b) Nuclear and Particle Astrophysics
06.8.2022	2 <sup>nd</sup>	PHYMS- 203	Statistical Physics
08.8.2022	4 <sup>th</sup>	PHYMS- 404	c) Opto. Electronics
10.8.2022	2 <sup>nd</sup>	PHYMS- 204	Electrodynamics
12.8.2022	4 <sup>th</sup>	PHYMS- 403	a) Nano Physics
16.8.2022	2 <sup>nd</sup>	PHYMS- 206	Computer application in Physics-II (Addl./Optl. Paper)
18.8.2022	1 <sup>st</sup>	PHYMS- 101	Mathematical Physics
20.8.2022	3 <sup>rd</sup>	PHYMS- 301	Quantum Mechanics-II
22.8.2022	1 <sup>st</sup>	PHYMS -102	Classical Mechanics
23.8.2022	3 <sup>rd</sup>	PHYMS -302	Material Science
24.8.2022	1 <sup>st</sup>	PHYMS -103	Electronics-I
25.8.2022	3 <sup>rd</sup>	PHYMS -303	Nuclear Physics
26.8.2022	1 <sup>st</sup>	PHYMS -104	Computational Methods in Physics
27.8.2022	3 <sup>rd</sup>	PHYMS -304	High Energy Physics
29.8.2022	1 <sup>st</sup>	PHYMS -106	Computer Application in Physics-I (Addl./Optl. Paper)

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10. Govt. College Bilaspur
11. Govt. College Dehri
12. Govt. College Sarkaghat
13. Govt. College Hamirpur

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Date-sheet for M.Sc. Biotechnology 2<sup>nd</sup> Semester Regular and 1<sup>st</sup> & 3<sup>rd</sup> Semester Re-appear examination to be held in July, 2022

**Morning Session**

**Time: 9.00 AM to 12.00 Noon**

**2<sup>nd</sup> Semester Regular & 1<sup>st</sup> & 3<sup>rd</sup> Re-appear**

<b>Date</b>	<b>Semester</b>	<b>Course</b>	<b>Title of the course</b>
30.7.2022	2 <sup>nd</sup>	MBT-201	Recombinant DNA Technology (NS/OS) [Common with M.Sc. Microbiology Course MMB-201]
01.8.2022	2 <sup>nd</sup>	MBT-202	Immunology & Immunotechnology (NS/OS) [Common with M.Sc. Microbiology Course: MMB-202]
03.8.2022	2 <sup>nd</sup>	MBT-203	Plant Biotechnology (NS/OS)
04.8.2022	2 <sup>nd</sup>	MBT-204	Animal Biotechnology (NS/OS)
06.8.2022	2 <sup>nd</sup>	MBT-205	Biochemical Engineering (NS/OS)
08.8.2022	3 <sup>rd</sup>	MBT-301	Environmental Microbiology and Biotechnology (OS/NS) (Common with M.Sc. Microbiology Course No. MMB-301)
10.8.2022	1 <sup>st</sup>	MBT-101(i) OR MBT-101(ii)	Remedial Course: (1) Introductory Biology (OS/NS) (Common with OS) (2) Introductory Mathematics (OS/NS) (Common with OS) (common with M.Sc. Microbiology, Course No. MMB-101 Mathematics & Statistics )
11.8.2022	3 <sup>rd</sup>	MBT-302	Fermentation Technology (OS/NS)
16.8.2022	1 <sup>st</sup>	MBT-102	Biochemistry(OS/NS) (common with M.Sc. Microbiology Course No. MMB-102)
17.8.2022	3 <sup>rd</sup>	MBT-303	Computer & Bioinformatics (OS/NS) (common with M.Sc. Microbiology, Course No.MMB-303) (Common with OS)
18.8.2022	1 <sup>st</sup>	MBT-103	Microbiology (OS/NS)
20.8.2022	3 <sup>rd</sup>	MBT-304	Enzyme Technology (OS/NS) (common with M.Sc. Microbiology, Course No.MMB-EL-302(OS) & MMB-304(NS)
22.8.2022	1 <sup>st</sup>	MBT-104 MBT-104	Microbial Genetics & Molecular Biology(OS) (common with M.Sc. Microbiology, Course No. MMB-104 Molecular Biology) Cell and Molecular Biology(NS) (Common with M.Sc. Microbiology Course No. MMB-104)
23.8.2022	3 <sup>rd</sup>	MBT-EL-301 MBT-EL-302 MBT-EL-303 MBT-EL-304	Any one of the following: Metabolic Engineering(OS/NS) (common with M.Sc. Microbiology, Course No .MMB-EL-301(OS) Bio-Catalysis and Bio-Transformation (OS/NS) Common with MBT-EL-302(OS) Food Biotechnology (OS/NS) (Common with M. Sc. Microbiology course: MMB-EL-303) Nano- Biotechnology (OS/NS) (Common with OS)
24.8.2022	1 <sup>st</sup>	MBT-105	Instrumental Methods of Analysis (OS/NS) (common with M.Sc. Microbiology, Course No. MMB-105

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Date-sheet for M.Sc. Microbiology 2<sup>nd</sup> Semester Regular and 1<sup>st</sup> & 3<sup>rd</sup> Semester Re-appear examination to be held in July, 2022

**Morning Session**

**Time: 9.00 AM to 12.00 Noon**

**2<sup>nd</sup> Semester Regular & 1<sup>st</sup> & 3<sup>rd</sup> Re-appear**

Date	Semester	Course	Title of the course
30.7.2022	2nd	MMB-201	Recombinant DNA Technology (NS /OS) (Common with M.Sc. Biotechnology Course No. MBT-201)
01.8.2022	2nd	MMB-202	Immunology and Immunotechnology (NS /OS) (Common with M.Sc. Biotechnology Course No. MBT-202)
03.8.2022	2nd	MMB-203	Mycology and Phycology(NS /OS)
04.8.2022	2 <sup>nd</sup>	MMB-204	Medical Microbiology (NS /OS)(Common with MMB-204(OS)
06.8.2022	2 <sup>nd</sup>	MMB-205	Virology (NS/OS)
08.8.2022	3rd	MMB-301	Environmental Microbiology and Biotechnology(NS/OS) (Common with M.Sc. Biotechnology Course No.MBT-301)
10.8.2022	1st	MMB-101 MMB-101	Mathematics & Statistics (NS/OS) (Common with M.Sc. Biotechnology Course No. MBT101(ii)Introductory Mathematics) General Microbiology (New Batch w.e.f. Nov., 2021)
11.8.2022	3rd	MMB-302 MMB-302	Food Microbiology (OS) Industrial Microbiology(NS)
16.8.2022	1st	MMB-102 MMB-102	Biochemistry (NS/OS) (Common with M.Sc. Biotechnology Course No.MBT -102) Bio-Chemistry (NS) (New Batch w.e.f. Nov., 2021)
17.8.2022	3rd	MMB-303	Computers & Bioinformatics (NS/OS) (Common with M.Sc. Biotechnology Course No. MBT-303)
18.8.2022	1st	MMB-103 MMB-103	Bacteriology (NS/OS) (Common with OS) Cell and Molecular Biology (NS) (New Batch w.e.f. Nov., 2021)
20.8.2022	3rd	MMB-EL-302/ MMB-304	Enzyme Technology(OS/NS) (Common with M.Sc. Biotechnology Course No. MBT-304)
22.8.2022	1st	MMB-104 MMB-104 MMB-104	Molecular Biology (OS) (Common with M.Sc. Biotechnology Course No. MBT-104) Microbial Genetics & Molecular Biology) Cell and Molecular Biology (NS)(Common with M.Sc. Biotechnology MBT-104 (NS) Microbial Physiology and Metabolism (NS) (New Batch w.e.f. Nov., 2021)
23.8.2022	3rd	MMB-EL-301 MMB-EL-302 MMB-EL-303	Metabolic Engineering (Common with M.Sc. Biotechnology Course No. MBT-EL-301(OS) Microbial Genomics and Proteomics (Common with MMB-EL-303(OS) Food Technology (Common with M. Sc. Biotechnology course: MBT-EL-303(NS)
24.8.2022	1st	MMB-105 MMB-105	Instrumental Methods of Analysis (NS/OS) (Common with M.Sc. Biotechnology Course No.MBT-105 Instrumental Methods of Analysis) Biostatistics, Computer & Bioinformatics(NS) (New Batch w.e.f. Nov., 2021)
25.8.2022	3rd	MMB-304	Industrial Microbiology (OS)

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