

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

Date-sheet for M.Sc. (Botany/ Zoology) under CBS examination to be held in December, 2023

**Evening Session**

**Time: 2.00 PM to 5.00 PM**

Date	Semester	Subject	Course	Title of the course
12.12.2023	3rd	Botany	MBOT-301	Biology and Diversity of Bryophytes and Pteridophytes
		Zoology	MZOO-301	Insect Diversity and Physiology
13.12.2023	1st	Botany	MBOT-101	Biology and Diversity of Algae and Fungi
	1st	Zoology	MZOO-101	Biosystematics and Taxonomy
14.12.2023	3rd	Botany	MBOT-302	Plant Physiology
		Zoology	MZOO-302	Animal Physiology
15.12.2023	1st	Botany	MBOT-102	Cell and Molecular Biology (Common with MZOO-102)
	1st	Zoology	MZOO-102	Cell and Molecular Biology (Common with MBOT-102)
16.12.2023	3rd	Botany	MBOT-303	Biology and Diversity of Gymnosperms
		Zoology	MZOO-303	Protein Structure, Function and Evolution
18.12.2023	1st	Botany	MBOT-103	Biochemistry and Metabolism(Common with MZOO-103)
	1st	Zoology	MZOO-103	Biochemistry and Metabolism(Common with MBOT-103)
19.12.2023	3rd	Botany	MBOT-304	Plant Biotechnology
			MBOT-305	Plant Propagation Techniques
		Zoology	MZOO-304	Mammalian Neurobiology
20.12.2023	1st	Botany	MBOT-104	Tools and Techniques in Biological Sciences (Common with MZOO-104)
	1st	Zoology	MZOO-104	Tools and Techniques in Biological Sciences (Common with MBOT-104)
21.12.2023	3rd	Zoology	MZOO-305	Biology of Parasites
		Botany	MBOT-306	Biology and Diversity of Angiosperms
			MBOT-307	Tissue Culture & Horticultures Sciences
			MBOT-308	Wood Science & Forest Biodiversity
22.12.2023	3rd	Zoology	MZOO-306	Disease Biology
23.12.2023	3rd	Zoology	MZOO-307	Limnology
26.12.2023	3rd	Zoology	MZOO-308	Animal Behaviour
27.12.2023	2nd	Botany	MBOT-201	Biology and Diversity of Microbes and Plant Pathogens
		Zoology	MZOO-201	Structure and functions of Invertebrates & Vertebrates
28.12.2023	2nd	Botany	MBOT-202	Ecology and Environment (common with MZOO-202)
		Zoology	MZOO-202	Ecology and Environment (common with MBOT-202)
29.12.2023	2nd	Botany	MBOT-203	Cytogenetics and Evolution (common with MZOO-203)
		Zoology	MZOO-203	Cytogenetics and Evolution (common with MBOT-203)
30.12.2023	2nd	Botany	MBOT-204	Biostatistics and Bioinformatics (Common with MZOO204)
		Zoology	MZOO-204	Biostatistics and Bioinformatics (Common with MZOO204)

Dated: Shimla-5, the 02.12.2023

Sd/-

Assistant Registrar (Conduct)

Sd/-

Controller of Examinations

EXAMINATION CENTRES:-

- Shimla, as per notification No. 1-11/2021-HPU (Conduct)-II dated 31.10.2023
- Govt. College Solan for Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan(H.P.).
- Gautam College, Hamirpur, Distt. Hamirpur (H.P.).
- Govt. College Rampur Bushehar.
- H.P University Centre for Evening Studies, The Mall, Shimla for the Students of St. Bede's College, Shimla
- Govt. College Hamirpur (H.P)
- Govt. College Ghumarwin, Distt. Bilaspur (H.P)
- Govt. College Dhaliara, Distt. Kangra (H.P)
- MCM DAV College Kangra (H.P)

**HIMACHAL PRADESH UNIVERSITY**  
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Date-sheet for M.Sc. Chemistry under CBS examination to be held in December, 2023.

**Evening Session**

**Time: 2.00 PM to 5.00 PM**

Date	Semester	Course	Course Type	Title of the course
12.12.2023	1 <sup>st</sup>	CHEM 101	DSC	Inorganic Chemistry Theory-I
13.12.2023	3 <sup>rd</sup>	CHEM 301	DSC	Inorganic Chemistry Theory-3
14.12.2023	1 <sup>st</sup>	CHEM 102	DSC	Organic Chemistry Theory-I
15.12.2023	3 <sup>rd</sup>	CHEM 302	DSC	Organic Chemistry Theory-3
16.12.2023	1 <sup>st</sup>	CHEM 103	DSC	Physical Chemistry Theory-I
18.12.2023	3 <sup>rd</sup>	CHEM 303	DSC	Physical Chemistry Theory-3
19.12.2023	1 <sup>st</sup>	CHEM 104	GE	Mathematics for Chemists
20.12.2023	3 <sup>rd</sup>	CHEM 304	DSE	Inorganic Chemistry Special Theory-3
		CHEM 305		Organic Chemistry Special Theory-3
		CHEM 306		Physical Chemistry Special Theory-3
21.12.2023	1 <sup>st</sup>	CHEM 105	AECC	Applications of computer in Chemistry
22.12.2023	2 <sup>nd</sup>	CHEM 201	DSC	Inorganic Chemistry Theory-2
23.12.2023	2 <sup>nd</sup>	CHEM 202	DSC	Organic Chemistry Theory-2
26.12.2023	2 <sup>nd</sup>	CHEM 203	DSC	Physical Chemistry Theory-2
27.12.2023	2 <sup>nd</sup>	CHEM 204	GE	Chemistry of Life Science
28.12.2023	2 <sup>nd</sup>	CHEM205	GE	Environmental Chemistry

Dated: Shimla-5, the 02.12.2023

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1. Shimla, as per notification No. 1-11/2021-HPU (Conduct)-II dated 31.10.2023
2. Gautam College Hamirpur
3. Govt. College Nalagarh, Distt. Solan
4. Govt. College Rampur Bushehar, Distt. Shimla
5. Govt. College Ghumarwin, Distt. Bilaspur
6. Govt. College Bilaspur
7. Govt. College Solan for Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan(H.P.).
8. Govt. College Hamirpur
9. Govt. College Dharamshala, Distt. Kangra (H.P)
10. Govt. College Paonta Sahib, Distt. Sirmour (H.P)
11. Govt. College Dhaliara, Distt. Kangra (H.P)
12. MCM DAV College Kangra (H.P)
13. BTC DAV College Banikhet, Distt. Chamba (H.P)

**HIMACHAL PRADESH UNIVERSITY**  
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Date-sheet for M.Sc. Environmental Sciences under CBS examination to be held in December, 2023

**Morning Session**

**Time: 9.00 AM to 12.00 Noon**

<b>Date</b>	<b>Semester</b>	<b>Course</b>	<b>Course Type</b>	<b>Title of the course</b>
12.12.2023	3rd	MES-301	Core	Remote Sensing and GIS
13.12.2023	1 <sup>st</sup>	MES-101	Core	Environmental Geology and Atmospheric Science
15.12.2023	3rd	MES-302	Core	Environmental Chemistry and Green Technology
16.12.2023	1 <sup>st</sup>	MES-102	Core	Environmental Biology
18.12.2023	3rd	MES-303	Core	Techniques in Environmental Monitoring and Analysis
19.12.2023	1 <sup>st</sup>	MES-103	Core	Waste Management
20.12.2023	3rd	MES304		Environmental Economics
				Environmental Disasters: Mitigation and Management
				Climate Change and Clean Technology
				Biodiversity and Wildlife Ecology
21.12.2023	1 <sup>st</sup>	MES-104	Core	Current Environmental Issues & their Management
22.12.2023	2 <sup>nd</sup>	MES-201	Core	Environmental Pollution
23.12.2023	2 <sup>nd</sup>	MES-202	Core	Natural Resources: Conservation and Management
26.12.2023	2 <sup>nd</sup>	MES-203	Core	Ecotoxicology and Radiation Impacts
27.12.2023	2 <sup>nd</sup>	MES-204	Core	Environment Impact Assessment and Environmental Audit

Dated: Shimla-5, the 02.12.2023

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Examination Centre: Shimla, as per notification No. 1-11/2021-HPU (Conduct)-II dated 31.10.2023

**HIMACHAL PRADESH UNIVERSITY**  
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Date-sheet for M.Sc. Physics under CBS examination to be held in December, 2023

**Morning Session**

**Time: 9.00 AM to 12.00 Noon**

Date	Semester	Course	Title of the course
12.12.2023	1 <sup>st</sup>	PHYMS- 101	Mathematical Physics
13.12.2023	3 <sup>rd</sup>	PHYMS-301	Quantum Mechanics-II
14.12.2023	1 <sup>st</sup>	PHYMS -102	Classical Mechanics
15.12.2023	3 <sup>rd</sup>	PHYMS-302	Material Science
16.12.2023	1 <sup>st</sup>	PHYMS -103	Electronics-I
18.12.2023	3 <sup>rd</sup>	PHYMS-303	Nuclear Physics
19.12.2023	1 <sup>st</sup>	PHYMS -104	Computational Methods in Physics
20.12.2023	3 <sup>rd</sup>	PHYMS-304	High Energy Physics
21.12.2023	1 <sup>st</sup>	PHYMS -106	Computer Application in Physics Nodal Center based (Addl./Optl. Paper)
22.12.2023	2 <sup>nd</sup>	PHYMS- 201	Quantum Mechanics-I
23.12.2023	2 <sup>nd</sup>	PHYMS- 202	Condensed Matter Physics
26.12.2023	2 <sup>nd</sup>	PHYMS- 203	Statistical Physics
27.12.2023	2 <sup>nd</sup>	PHYMS- 204	Electrodynamics
28.12.2023	2 <sup>nd</sup>	PHYMS- 206	Computer Application in Physics Nodal Centre Based (Addl./Optl. Paper)

Dated: Shimla-5, the 02.12.2023

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Examination Centre:

1. Shimla, as per notification No. 1-11/2021-HPU (Conduct)-II dated 31.10.2023
2. Gautam College Hamirpur
3. Govt. College Rampur Bushehar, Distt. Shimla
4. Govt. College Ghumarwin, Distt. Bilaspur
5. Govt. College Bilaspur
6. Govt. College Hamirpur
7. Govt. College Dhaliara, Distt. Kangra (H.P)
8. MCM DAV College Kangra (H.P)
9. Govt. College Dehri, Distt. Kangra (H.P)
10. BTC DAV College Banikhet, Distt. Chamba (H.P)

**HIMACHAL PRADESH UNIVERSITY**  
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Date-sheet for M.Sc. Biotechnology under CBS examination to be held in December, 2023

**Morning Session**

**Time: 9.00 AM to 12.00 Noon**

Date	Semester	Course	Title of the course
12.12.2023	3 <sup>rd</sup>	MBT-301TH	Environmental Microbiology and Biotechnology
13.12.2023	1 <sup>st</sup>	MBT-101TH	(2) Introductory Mathematics(For biology students)
14.12.2023	3 <sup>rd</sup>	MBT-302TH	Fermentation Technology
15.12.2023	1 <sup>st</sup>	MBT-102TH	Biochemistry
16.12.2023	3 <sup>rd</sup>	MBT-303TH	Computer and Bioinformatics
18.12.2023	1 <sup>st</sup>	MBT-103TH	General Microbiology
19.12.2023	3 <sup>rd</sup>	MBT-304TH	Enzyme Technology
20.12.2023	1 <sup>st</sup>	MBT-104TH	Cell and Molecular Biology
21.12.2023	3 <sup>rd</sup>	MBT-EL-301TH	Metabolic Engineering
		MBT-EL-302TH	Biobusiness Management and Entrepreneurship
		MBT-EL-303TH	Food Biotechnology
		MBT-EL-304TH	Biotechnology in Disease Diagnosis
22.12.2023	1 <sup>st</sup>	MBT-105TH	Instrumental Methods of Analysis
23.12.2023	2 <sup>nd</sup>	MBT-201TH	Recombinant DNA Technology
26.12.2023	2 <sup>nd</sup>	MBT-202TH	Immunology and Immunotechnology
27.12.2023	2 <sup>nd</sup>	MBT-203TH	Plant Biotechnology
28.12.2023	2 <sup>nd</sup>	MBT-204TH	Animal Biotechnology
29.12.2023	2 <sup>nd</sup>	MBT-205TH	Biochemical Engineering

Dated: Shimla-5, the 02.12.2023

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2. Govt. College Solan

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Date-sheet for M.Sc. Microbiology under CBS examination to be held in December, 2023

**Morning Session**

**Time: 9.00 AM to 12.00 Noon**

<b>Date</b>	<b>Semester</b>	<b>Course</b>	<b>Title of the course</b>
12.12.2023	3 <sup>rd</sup>	MMB-301	Environmental Microbiology
13.12.2023	1 <sup>st</sup>	MMB-101	General Microbiology
14.12.2023	3 <sup>rd</sup>	MMB-302	Industrial Microbiology
15.12.2023	1 <sup>st</sup>	MMB-102	Bio-Chemistry
16.12.2023	3 <sup>rd</sup>	MMB-303	Food Microbiology
18.12.2023	1 <sup>st</sup>	MMB-103	Cell and Molecular Biology
19.12.2023	3 <sup>rd</sup>	MMB- 304	Enzyme Technology
20.12.2023	1 <sup>st</sup>	MMB-104	Microbiology Physiology and Metabolism
21.12.2023	3 <sup>rd</sup>	MMB-EL-301	Recent Diagnostic Techniques in Microbiology
		MMB-EL-302	Microbial Genomics & Proteomics
		MMB-EL-303	Microbes in Sustainable Agriculture and Development
		MMB-EL-304	Parasitology
		MMB-EL-305	Management of Human Microbial Diseases
		MMB-EL-306	Microbial Diagnosis in Health Clinics
		MMB-EL-307	Microbial Quality Control in Food and Pharmaceutical Industries
		MMB-EL-308	IPR/ Bioethics and Biosafety
22.12.2023	1 <sup>st</sup>	MMB-105	Biostatistics, Computer & Bioinformatics
23.12.2023	2 <sup>nd</sup>	MMB-201	Instrumental Methods of Analysis
26.12.2023	2 <sup>nd</sup>	MMB-202	Immunology & Immunotechnology
27.12.2023	2 <sup>nd</sup>	MMB-203	Mycology & Phychology
28.12.2023	2 <sup>nd</sup>	MMB-204	Medical Microbiology
29.12.2023	2 <sup>nd</sup>	MMB-205	Virology

Dated: Shimla-5, the 02.12.2023

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Date sheet for M.Sc. Forensic Science under CBS Examination to be held in December, 2023.

Evening Session:

Time: 2.00PM to 5.00 PM

Date	Semester	Course Code	Title of the Course
12.12.2023	3rd	MFSC-301	Fundamentals of Digital Forensics and Cyber Security
13.12.2023	1 <sup>st</sup>	MFSC-101(T)	General Forensic Science, Criminology and Criminal Law
14.12.2023	3rd	MFSC-302	Forensic Toxicology and NDPS
15.12.2023	1 <sup>st</sup>	MFSC-102(T)	Fundamentals of Dactylography and crime Scene Management
16.12.2023	3rd	MFSC-303	Forensic Instrumentation Methods and Techniques-2
18.12.2023	1 <sup>st</sup>	MFSC-103(T)	Forensic Biology and Elements of Forensic Medicine
19.12.2023	3rd	MFSC-304	Basics of Research Methodology and Statistics in Forensic Science
20.12.2023	1 <sup>st</sup>	MFSC-104(T)	Forensic Instrumentation Methods and Techniques-1
21.12.2023	2 <sup>nd</sup>	MFSC-201(T)	Forensic Chemistry and Explosives
22.12.2023	2 <sup>nd</sup>	MFSC-202(T)	Forensic Physics Voice and Ballistics
26.12.2023	2 <sup>nd</sup>	MFSC-203(T)	Handwriting Forensics and Electronic Documents
27.12.2023	2 <sup>nd</sup>	MFSC-204(T)	Genetics and DNA Forensics

Dated: Shimla-5, the 02.12.2023

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Assistant Registrar (Conduct)

Examination Centre: Science Block, H.P University, Shimla

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