

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

Date-sheet for M.Sc. (Botany/ Zoology) under CBS examination to be held in June, 2024

Evening Session

Time: 2.00 PM to 5.00 PM

Date	Semester	Subject	Course	Title of the course
24.6.2024	4 th	Botany	MBOT-401	Anatomy, Palynology and Reproductive Biology of Angiosperms
		Zoology	MZOO-401	Developmental Biology
28.6.2024	2 nd	Botany	MBOT-201	Biology and Diversity of Microbes and Plant Pathogens
		Zoology	MZOO-201	Structure and functions of Invertebrates & Vertebrates
29.6.2024	4 th	Botany	MBOT-402	Plant Resources Utilization and Breeding
		Zoology	MZOO-402	Applied Zoology
01.7.2024	2 nd	Botany	MBOT-202	Ecology and Environment (common with MZOO-202)
		Zoology	MZOO-202	Ecology and Environment (common with MBOT-202)
02.7.2024	4 th	Botany	MBOT-403(i)	Advances in Mycology and Plant Pathology
			MBOT-404(i)	Ethnobotany and Biodiversity conservation
			MBOT-405(i)	Advances in Plant Physiology and Biochemistry-I
			MBOT-406(i)	Phytochemistry and Palynology of Plant Kingdom-I
		Zoology	MZOO-403(i)	Advance Topics in Entomology
			MZOO-404(i)	Fish and Fisheries-I
			MZOO-405(ii)	Cytogenetics-I
			MZOO-406(i)	Biodiversity and wildlife-I
			MZOO-407(i)	Molecular Physiology
			MZOO-408(i)	Parasitology
03.7.2024	2 nd	Botany	MBOT-203	Cytogenetics and Evolution (common with MZOO-203)
		Zoology	MZOO-203	Cytogenetics and Evolution (common with MBOT-203)
04.7.2024	4 th	Botany	MBOT-403(ii)	Advances in Applied Microbiology
			MBOT-404(ii)	Ethnobotany , Bioprospecting and Traditional Knowledge
			MBOT-405(ii)	Advances in Plant Physiology and Biochemistry-II
			MBOT-406(ii)	Phytochemistry and Palynology of Plant Kingdom-II
		Zoology	MZOO-403(ii)	Medical Entomology and Vector Biology
			MZOO-404(ii)	Fish and Fisheries-II
			MZOO-405(ii)	Cytogenetics-II
			MZOO-406(ii)	Biodiversity and wildlife-II
			MZOO-407(ii)	Comparative Endocrinology
			MZOO-408(ii)	Medical Parasitology
05.7.2024	2 nd	Botany	MBOT-204	Biostatistics and Bioinformatics (Common with MZOO204)
		Zoology	MZOO-204	Biostatistics and Bioinformatics (Common with MZOO204)
06.7.2024	3 rd	Botany	MBOT-301	Biology and Diversity of Bryophytes and Pteridophytes
		Zoology	MZOO-301	Insect Diversity and Physiology
08.7.2024	1 st	Botany	MBOT-101	Biology and Diversity of Algae and Fungi
	1 st	Zoology	MZOO-101	Biosystematics and Taxonomy
09.7.2024	3 rd	Botany	MBOT-302	Plant Physiology
		Zoology	MZOO-302	Animal Physiology
10.7.2024	1 st	Botany	MBOT-102	Cell and Molecular Biology (Common with MZOO-102)
	1 st	Zoology	MZOO-102	Cell and Molecular Biology (Common with MBOT-102)

11.7.2024	3rd	Botany	MBOT-303	Biology and Diversity of Gymnosperms
		Zoology	MZOO-303	Protein Structure, Function and Evolution
12.7.2024	1 st	Botany	MBOT-103	Biochemistry and Metabolism(Common with MZOO-103)
	1 st	Zoology	MZOO-103	Biochemistry and Metabolism(Common with MBOT-103)
13.7.2024	3rd	Botany	MBOT-304	Plant Biotechnology
			MBOT-305	Plant Propagation Techniques
	Zoology	MZOO-304	Mammalian Neurobiology	
15.7.2024	1 st	Botany	MBOT-104	Tools and Techniques in Biological Sciences (Common with MZOO-104)
	1 st	Zoology	MZOO-104	Tools and Techniques in Biological Sciences (Common with MBOT-104)
16.7.2024	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
18.7.2024	3rd	Zoology	MZOO-306	Disease Biology
19.7.2024	3rd	Zoology	MZOO-307	Limnology
20.7.2024	3rd	Zoology	MZOO-308	Animal Behaviour

Dated: Shimla-5, the 12.6.2024

Sd/-

Assistant Registrar (Conduct)

Sd/-

Controller of Examinations

EXAMINATION CENTRES:-

1. Shimla, as per notification No. 1-11/2024-HPU (Conduct) dated 02.5.2024
2. Govt. College Solan for Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan(H.P.).
3. Gautam College, Hamirpur, Distt. Hamirpur (H.P.).
4. Govt. College Rampur Bushehar.
5. H.P University Centre for Evening Studies, The Mall, Shimla for the Students of St. Bede's College, Shimla
6. Govt. College Hamirpur (H.P)
7. Govt. College Ghumarwin, Distt. Bilaspur (H.P)
8. Govt. College Dhaliara, Distt. Kangra (H.P)
9. MCM DAV College Kangra (H.P)

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

Date-sheet for M.Sc. Chemistry under CBS examination to be held in June, 2024

Evening Session

Time: 2.00 PM to 5.00 PM

Date	Semester	Course	Course Type	Title of the course
24.6.2024	4 th	CHEM 401	DSE	Inorganic Chemistry Special Theory -2 (Advanced Organometallics)
		CHEM 405		Organic Chemistry Special Theory -2 (Organic Synthesis)
		CHEM 409		Physical Chemistry Special Theory -2 (Advanced Quantum Chemistry)
28.6.2024	2 nd	CHEM 201	DSC	Inorganic Chemistry Theory-2
29.6.2024	4 th	CHEM 402	DSE	Inorganic Chemistry Special Theory -3 (Modern Techniques of Chemical Analysis)
		CHEM 406		Organic Chemistry Special Theory -3 (Natural products)
		CHEM 410		Physical Chemistry Special Theory -3 (Solid State Chemistry)
01.7.2024	2 nd	CHEM 202	DSC	Organic Chemistry Theory-2
02.7.2024	4 th	CHEM 403	DSE	Inorganic Chemistry Special Theory -4 (Inorganic Spectroscopy)
		CHEM 407		Organic Chemistry Special Theory -4 (Medicinal Chemistry)
		CHEM 411		Physical Chemistry Special Theory -4 (Biophysical Chemistry)
03.7.2024	2 nd	CHEM 203	DSC	Physical Chemistry Theory-2
04.7.2024	4 th	CHEM 404	DSE	Inorganic Chemistry Special Theory -5 (Bio-Inorganic Chemistry)
		CHEM 408		Organic Chemistry Special Theory -5 (Polymer Chemistry)
		CHEM 412		Physical Chemistry Special Theory -5 (Chemistry of Macromolecules)
05.7.2024	2 nd	CHEM 204	GE	Chemistry of Life Science
06.7.2024	2 nd	CHEM205	GE	Environmental Chemistry
08.7.2024	1 st	CHEM 101	DSC	Inorganic Chemistry Theory-I
09.7.2024	3 rd	CHEM 301	DSC	Inorganic Chemistry Theory-3
10.7.2024	1 st	CHEM 102	DSC	Organic Chemistry Theory-I
11.7.2024	3 rd	CHEM 302	DSC	Organic Chemistry Theory-3
12.7.2024	1 st	CHEM 103	DSC	Physical Chemistry Theory-I
13.7.2024	3 rd	CHEM 303	DSC	Physical Chemistry Theory-3
15.7.2024	1 st	CHEM 104	GE	Mathematics for Chemists
16.7.2024	3 rd	CHEM 304	DSE	Inorganic Chemistry Special Theory-I
		CHEM 305		Organic Chemistry Special Theory-I
		CHEM 306		Physical Chemistry Special Theory-I
18.7.2024	1 st	CHEM 105	AECC	Applications of computer in Chemistry

Dated: Shimla-5, the 12.6.2024

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Assistant Registrar (Conduct)

Controller of Examinations

Examination Centre:

- Shimla, as per notification No. 1-11/2024-HPU (Conduct) dated 02.5.2024
- Gautam College Hamirpur
- Govt. College Nalagarh, Distt. Solan
- Govt. College Rampur Bushehar, Distt. Shimla
- Govt. College Ghumarwin, Distt. Bilaspur
- Govt. College Bilaspur
- Govt. College Solan for Shoolini Institute of Life Sciences and Business Management, Anand Campus, The Mall, Solan(H.P.).
- Govt. College Hamirpur
- Govt. College Dharamshala, Distt. Kangra (H.P)
- Govt. College Paonta Sahib, Distt. Sirmour (H.P)
- Govt. College Dhaliara, Distt. Kangra (H.P)
- MCM DAV College Kangra (H.P)
- BTC DAV College Banikhet, Distt. Chamba (H.P)

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

Date-sheet for M.Sc. Environmental Sciences under CBS examination to be held in June, 2024

Morning Session

Time: 9.00 AM to 12.00 Noon

Date	Semester	Course	Course Type	Title of the course
24.6.2024	4 th	MES-401	Core	Environmental Law, Governance, Ethics and Policy
28.6.2024	2 nd	MES-201	Core	Environmental Pollution
29.6.2024	4 th	MES-402	Core	Research Methodology, Statistics and Computer Applications
01.7.2024	2 nd	MES-202	Core	Natural Resources: Conservation and Management
02.7.2024	4 th	MES-403	Open Elective	Environmental Health
				Principles of Climatology
				Environmental Biotechnology
				Nanotechnology
03.7.2024	2 nd	MES-203	Core	Ecotoxicology and Radiation Impacts
04.7.2024	2 nd	MES-204	Core	Environment Impact Assessment and Environmental Audit
05.7.2024	3 rd	MES-301	Core	Remote Sensing and GIS
06.7.2024	1 st	MES-101	Core	Environmental Geology and Atmospheric Science
08.7.2024	3 rd	MES-302	Core	Environmental Chemistry and Green Technology
09.7.2024	1 st	MES-102	Core	Environmental Biology
10.7.2024	3 rd	MES-303	Core	Techniques in Environmental Monitoring and Analysis
11.7.2024	1 st	MES-103	Core	Waste Management
12.7.2024	3 rd	MES304		Environmental Economics
				Environmental Disasters: Mitigation and Management
				Climate Change and Clean Technology
				Biodiversity and Wildlife Ecology
13.7.2024	1 st	MES-104	Core	Current Environmental Issues & their Management

Dated: Shimla-5, the 12.6.2024

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Controller of Examinations

Examination Centre: Shimla, as per notification No. 1-11/2024-HPU (Conduct) dated 02.5.2024

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

Date-sheet for M.Sc. Physics under CBS examination to be held in June, 2024

Morning Session

Time: 9.00 AM to 12.00 Noon

Date	Semester	Course	Title of the course
24.6.2024	4 th	PHYMS- 401	Electronics-II
28.6.2024	2 nd	PHYMS- 201	Quantum Mechanics-I
29.6.2024	4 th	PHYMS- 402(a)	Advance High Energy Physics
		PHYMS- 402(b)	Nuclear & Particle Astrophysics
		PHYMS- 402(c)	Advance Quantum Mechanics
01.7.2024	2 nd	PHYMS- 202	Condensed Matter Physics
02.7.2024	4 th	PHYMS- 403(a)	Nano Physics
		PHYMS- 403(b)	Mesososcopic Physics
		PHYMS- 403(c)	Advance Computational Physics
03.7.2024	2 nd	PHYMS- 203	Statistical Physics
04.7.2024	4 th	PHYMS- 404(a)	Advance Nuclear Physics
		PHYMS- 404(b)	Nuclear Technology
		PHYMS- 404(c)	Opto-Electronics
05.7.2024	2 nd	PHYMS- 204	Electrodynamics
06.7.2024	2 nd	PHYMS- 206	Computer Application in Physics Nodal Centre Based (Addl./Optl. Paper)
08.7.2024	1 st	PHYMS- 101	Mathematical Physics
09.7.2024	3 rd	PHYMS-301	Quantum Mechanics-II
10.7.2024	1 st	PHYMS -102	Classical Mechanics
11.7.2024	3 rd	PHYMS-302	Material Science
12.7.2024	1 st	PHYMS -103	Electronics-I
13.7.2024	3 rd	PHYMS-303	Nuclear Physics
15.7.2024	1 st	PHYMS -104	Computational Methods in Physics
16.7.2024	3 rd	PHYMS-304	High Energy Physics
18.7.2024	1 st	PHYMS -106	Computer Application in Physics Nodal Center based (Addl./Optl. Paper)

Dated: Shimla-5, the12.6.2024

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Assistant Registrar (Conduct)

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Examination Centre:

1. Shimla, as per notification No. 1-11/2024-HPU (Conduct) dated02.5.2024
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 June, 2024

Morning Session

Time: 9.00 AM to 12.00 Noon

Date	Semester	Course	Title of the course
24.6.2024	2 nd	MBT-201TH	Recombinant DNA Technology
28.6.2024	2 nd	MBT-202TH	Immunology and Immunotechnology
01.7.2024	2 nd	MBT-203TH	Plant Biotechnology
03.7.2024	2 nd	MBT-204TH	Animal Biotechnology
05.7.2024	2 nd	MBT-205TH	Biochemical Engineering
06.7.2024	3 rd	MBT-301TH	Environmental Microbiology and Biotechnology
08.7.2024	1 st	MBT-101TH	(2) Introductory Mathematics(For biology students)
09.7.2024	3 rd	MBT-302TH	Fermentation Technology
10.7.2024	1 st	MBT-102TH	Biochemistry
11.7.2024	3 rd	MBT-303TH	Computer and Bioinformatics
12.7.2024	1 st	MBT-103TH	General Microbiology
13.7.2024	3 rd	MBT-304TH	Enzyme Technology
15.7.2024	1 st	MBT-104TH	Cell and Molecular Biology
16.7.2024	3 rd	MBT-EL-301TH	Metabolic Engineering
		MBT-EL-302TH	Biobusiness Management and Entrepreneurship
		MBT-EL-303TH	Food Biotechnology
		MBT-EL-304TH	Biotechnology in Disease Diagnosis
18.7.2024	1 st	MBT-105TH	Instrumental Methods of Analysis

Dated: Shimla-5, the 12.6.2024

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Examination Centre:

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Controller of Examinations

1. Shimla, as per notification No. 1-11/2024-HPU (Conduct) dated 02.5.2024
2. Govt. College Solan

HIMACHAL PRADESH UNIVERSITY
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Date-sheet for M.Sc. Microbiology under CBS examination to be held in June, 2024

Morning Session

Time: 9.00 AM to 12.00 Noon

Date	Semester	Course	Title of the course
24.6.2024	2 nd	MMB-201	Instrumental Methods of Analysis
28.6.2024	2 nd	MMB-202	Immunology & Immunotechnology
29.6.2024	4 th	MMB-401	Research Methodology
01.7.2024	2 nd	MMB-203	Mycology & Phychology
03.7.2024	2 nd	MMB-204	Medical Microbiology
05.7.2024	2 nd	MMB-205	Virology
06.7.2024	3 rd	MMB-301	Environmental Microbiology
08.7.2024	1 st	MMB-101	General Microbiology
09.7.2024	3 rd	MMB-302	Industrial Microbiology
10.7.2024	1 st	MMB-102	Bio-Chemistry
11.7.2024	3 rd	MMB-303	Food Microbiology
12.7.2024	1 st	MMB-103	Cell and Molecular Biology
13.7.2024	3 rd	MMB- 304	Enzyme Technology
15.7.2024	1 st	MMB-104	Microbiology Physiology and Metabolism
16.7.2024	3 rd	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
18.7.2024	1 st	MMB-105	Biostatistics, Computer & Bioinformatics

Dated: Shimla-5, the 12.6.2024

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Examination Centre:

1. Shimla, as per notification No. 1-11/2024-HPU (Conduct) dated 02.5.2024
2. Govt. College Solan

HIMACHAL PRADESH UNIVERSITY
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"CONDUCT BRANCH"

Date sheet for M.Sc. Forensic Science under CBS Examination to be held in June, 2024.

Evening Session:

Time: 2.00PM to 5.00 PM

Date	Semester	Course Code	Title of the Course
24.6.2024	4 th	MFSC-401	Forensic Quality Management
28.6.2024	2 nd	MFSC-201(T)	Forensic Chemistry and Explosives
29.6.2024	4 th	MFSC-402	Fundamentals of Forensic Psychology
01.7.2024	2 nd	MFSC-202(T)	Forensic Physics Voice and Ballistics
02.7.2024	4 th	MFSC-403- EL-1	Environmental Forensics
		MFSC-403- EL-2	Forensic Nanotechnology
		MFSC-403- EL-3	Forensic Engineering
		MFSC-403- EL-4	Advanced Cyber Forensics
03.7.2024	2 nd	MFSC-203(T)	Handwriting Forensics and Electronic Documents
05.7.2024	2 nd	MFSC-204(T)	Genetics and DNA Forensics
06.7.2024	1 st	MFSC-101(T)	General Forensic Science, Criminology and Criminal Law
08.7.2024	3 rd	MFSC-301	Fundamentals of Digital Forensics and Cyber Security
09.7.2024	1 st	MFSC-102(T)	Fundamentals of Dactylography and crime Scene Management
10.7.2024	3 rd	MFSC-302	Forensic Toxicology and NDPS
11.7.2024	1 st	MFSC-103(T)	Forensic Biology and Elements of Forensic Medicine
12.7.2024	3 rd	MFSC-303	Forensic Instrumentation Methods and Techniques-2
13.7.2024	1 st	MFSC-104(T)	Forensic Instrumentation Methods and Techniques-1
15.7.2024	3 rd	MFSC-304	Basics of Research Methodology and Statistics in Forensic Science

Dated: Shimla-5, the 12.6.2024

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Assistant Registrar (Conduct)
Examination Centre: Science Block, H.P University, Shimla

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Controller of Examinations

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

Date sheet for M.Sc. Data Science and Artificial Intelligence Examination to be held in June, 2024

Evening Session:

Time: 2.00PM to 5.00 PM

Date	Semester	Course Code	Title of the Course
24.6.2024	2 nd	DSAI-201	Statistical Learning
28.6.2024	2 nd	DSAI-202	Foundation of Artificial Intelligence
01.7.2024	2 nd	DSAI-203	Data Mining
03.7.2024	2 nd	DSAI-204	Machine Learning
05.7.2024	2 nd	DSAI-205	Linux Operating System
06.7.2024	1 st	DSAI-101	Mathematics for Data Science
08.7.2024	3 rd	DSAI-301	Big Data Analytics
09.7.2024	1 st	DSAI-102	Computational Thinking
10.7.2024	3 rd	DSAI-302	Deep Learning
11.7.2024	1 st	DSAI-103	Data Science with Python
12.7.2024	3 rd	DSAI-303	Data Visualization
13.7.2024	1 st	DSAI-104	Data Structure and Algorithms
15.7.2024	3 rd	DSAI-304	Evolutionary Algorithms
16.7.2024	1 st	DSAI-105	Database Management System
18.7.2024	3 rd	DSAI-EL-1	Cyber Security

Dated: Shimla-5, the 12.6.2024

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

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Assistant Registrar (Conduct)

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Controller of Examinations