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**Supporting Documents- Department of
Chemical Science**

List of new courses introduced



List of New Courses Introduced during Last Five Years

Name of the Course	Course Code	Name of course subjects	Year of introduction
M.Sc (Chemistry)	CHL401-18	Inorganic Chemistry-I	2018
M.Sc (Chemistry)	CHL402-18	Reactive Intermediates-I	2018
M.Sc (Chemistry)	CHL403-18	Physical Chemistry-I	2018
M.Sc (Chemistry)	CHL404-18	Spectroscopy - I	2018
M.Sc (Chemistry)	CHL405-18	Environmental Chemistry	2018
M.Sc (Chemistry)	CHL406A-18	Human Physiology	2018
M.Sc (Chemistry)	CHL406B-18	Numerical Methods for chemists	2018
M.Sc (Chemistry)	CHP407-18	Inorganic Chemistry Lab	2018
M.Sc (Chemistry)	CHP408-18	Organic Synthesis Lab	2018
M.Sc (Chemistry)	CHL411-18	Inorganic Chemistry-II	2018
M.Sc (Chemistry)	CHL412-18	Reactive Intermediates-II	2018
M.Sc (Chemistry)	CHL413-18	Physical Chemistry-II	2018
M.Sc (Chemistry)	CHL414-18	Spectroscopy - II	2018
M.Sc (Chemistry)	CHL415A-18	Chemistry of Materials	2018
M.Sc (Chemistry)	CHL415B-18	Chemical Biology	2018
M.Sc (Chemistry)	CHP416-18	Physical Chemistry Lab	2018
M.Sc (Chemistry)	CHP417-18	Advanced Chemistry Lab-I	2018
M.Sc (Chemistry)	CHL501-18	Inorganic Chemistry-III	2018
M.Sc (Chemistry)	CHL502-18	Advanced Organic Chemistry -I	2018
M.Sc (Chemistry)	CHL503-18	Physical Chemistry-III	2018
M.Sc (Chemistry)	CHL504-18	Advanced Characterization Techniques	2018
M.Sc (Chemistry)	CHL505A-18	Biophysical chemistry	2018
M.Sc (Chemistry)	CHL505B-18	Medicinal Chemistry	2018
M.Sc (Chemistry)	CHL505C-18	Advanced Functional Materials	2018
M.Sc (Chemistry)	CHP506-18	Advanced Chemistry Lab-II	2018
M.Sc (Chemistry)	CHL511-18	Advanced Organic Chemistry- II	2018

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M.Sc (Chemistry)	CHL512A-18	Advanced physical Chemistry	2018
M.Sc (Chemistry)	CHL512B-18	Chemical Toxicology	2018
M.Sc (Chemistry)	CHL512C-18	Supramolecular Chemistry	2018
M.Sc (Chemistry)	CHL512D-18	Chemistry of Natural Products	2018
M.Sc (Chemistry)	CHL512E-18	Green Chemistry	2018
M.Sc (Chemistry)	CHL512F-18	Computational Chemistry	2018
B.Sc. H Chemistry	BHCL101-19	Inorganic Chemistry-I	2019
B.Sc. H Chemistry	BHCL102-19	Organic Chemistry-I	2019
B.Sc. H Chemistry	UC-BSHP-112-19	Electricity and Magnetism	2019
B.Sc. H Chemistry	UC-BSHM 104-19	Maths-I (Calculus-I)	2019
B.Sc. H Chemistry	BHHL105-19	Communicative English-I	2019
B.Sc. H Chemistry	BHHL106A-19	Punjabi Compulsory-I	2019
B.Sc. H Chemistry	BHCP108-19	Organic chemistry Lab-I	2019
B.Sc. H Chemistry	BHHL106B-19	Mudhli Punjabi-I	2019
B.Sc. H Chemistry	BHCP107-19	Inorganic Chemistry Lab-I	2019
B.Sc. H Chemistry	UC-BSHP-113-19	Physics Lab-I	2019
B.Sc. H Chemistry	BHCL111-19	Inorganic Chemistry-II	2019
B.Sc. H Chemistry	BHCL112-19	Physical Chemistry-I	2019
B.Sc. H Chemistry	UC-BSHP-124-19	Waves and Vibrations	2019
B.Sc. H Chemistry		Mathematics-II	2019
B.Sc. H Chemistry	BHHL115-19	Communicative English-II	2019
B.Sc. H Chemistry	BHHL116A-19	Punjabi Compulsory-II	2019
B.Sc. H Chemistry	BHCP118-19	Physical Chemistry Lab-I	2019
B.Sc. H Chemistry	BHHL116B-19	Mudhli Punjabi-II	2019
B.Sc. H Chemistry	BHCP117-19	Inorganic Chemistry Lab-II	2019
B.Sc. H Chemistry	UC-BSHP-125-19	Physics Lab-II	2019


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B.Sc. H Chemistry	BHCL201-19	Organic Chemistry-II (Chemistry of Functional Groups-II)	2019
B.Sc. H Chemistry	BHCL202-19	Physical Chemistry-II (Chemical Thermodynamics)	2019
B.Sc. H Chemistry	BHCL203-19	Spectroscopy	2019
B.Sc. H Chemistry	UC-BSHP-214-19	Physics-III	2019
B.Sc. H Chemistry	BHCL205-19	Environmental Science	2019
B.Sc. H Chemistry	BHCP206-19	Organic Chemistry Lab-II (Functional Group Transformations and their Identification)	2019
B.Sc. H Chemistry	BHCP207-19	Physical Chemistry Lab-II	2019
B.Sc. H Chemistry	UC-BSHP-215-19	Physics Lab-III	2019
B.Sc. H Chemistry	BHCL211-19	Inorganic Chemistry-III (Crystal field theory and transition elements)	2019
B.Sc. H Chemistry	BHCL212-19	Physical Chemistry-III (Phase Equilibria and Chemical Kinetics)	2019
B.Sc. H Chemistry	BHCL213-19	Green Chemistry	2019
B.Sc. H Chemistry	BHCL214-19	Polymer Chemistry	2019
B.Sc. H Chemistry	UC-BSHM-408-19	Maths-III	2019
B.Sc. H Chemistry	BHCL216-19	Basic Analytical Chemistry	2019
B.Sc. H Chemistry	BHCP217-19	Inorganic Chemistry Lab-III	2019
B.Sc. H Chemistry	BHCP218-19	Physical Chemistry Lab-III	2019
B.Sc. H Chemistry	BHCP219-19	Basic Analytical Chemistry Lab	2019
B.Sc. H Chemistry	BHCL301-19	Inorganic Chemistry-IV (Organometallic Chemistry)	2019
B.Sc. H Chemistry	BHCL302-19	Organic Chemistry-III (Heterocyclic Chemistry)	2019
B.Sc. H Chemistry	BHCL303-19	Quantum Chemistry	2019
B.Sc. H Chemistry	BHCL304-19	Analytical Clinical Biochemistry	2019

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B.Sc. H Chemistry	BHCL305-19	Industrial Chemicals and Environment	2019
B.Sc. H Chemistry	BHCL306-19	Ligand Field Theory	2019
B.Sc. H Chemistry	BHCP307-19	Inorganic Chemistry Lab-IV	2019
B.Sc. H Chemistry	BHCP308-19	Organic Chemistry Lab-III	2019
B.Sc. H Chemistry	BHCL311-19	Organic Chemistry-IV (Natural Products and Biochemistry)	2019
B.Sc. H Chemistry	BHCL312-19	Physical Chemistry-IV (Electrochemistry)	2019
B.Sc. H Chemistry	BHCL313-19	Catalysis	2019
B.Sc. H Chemistry	BHCL314-19	Analytical Methods in Chemistry	2019
B.Sc. H Chemistry	BHCL315-19	Nanochemistry	2019
B.Sc. H Chemistry	BHCL316-19	Molecular Modelling and Drug Design	2019
B.Sc. H Chemistry	BHCP318-19	Organic Chemistry Lab-IV	2019
B.Sc. H Chemistry	BHCP319-19	Physical Chemistry Lab-IV	2019


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