

Course Structure: M.Sc. Applied Chemistry (2Years) CBCS 2015

SEMESTER – I					
Sr.No.	Subject Code	Courses	L-T-P	Category	Credits
		<u>Theory</u>			
1.	CH401	Physical Chemistry -I	4-0-0	C	4
2.	CH403	Inorganic Chemistry -I	4-0-0	C	4
3.	CH405	Organic Chemistry -I	4-0-0	C	4
4.	CH407	Analytical Chemistry -I	4-0-0	C	4
5.		<u>Generic Elective -1 (Select any one course)</u>	3-0-0	GE	3
<u>PRACTICALS</u>					
7.	CH409	Chemistry Laboratory- I	0-0-16	C	8
		Total	19-0-16		27
		Total Contact Hours	35		

Generic Electives-1:

1. ES507 Waste Management
2. FS405 Food Chemistry

SEMESTER – II					
Sr.No.	Subject Code	Courses	L-T-P	Category	Credits
		<u>THEORY</u>			
1.	CH402	Physical Chemistry -II	4-0-0	C	4
2.	CH404	Inorganic Chemistry -II	4-0-0	C	4
3.	CH406	Organic Chemistry -II	4-0-0	C	4
4.	CH408	Analytical Chemistry -II	4-0-0	C	4
5.	CH412	Computational Methods in Chemistry	0-0-3	AECC	2
7.	CH410	Chemistry Laboratory- II	0-0-16	C	8
		Total	16-0-18		26
		Total Contact Hours	34		

Upma Singh
8/8/15

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2. CH 507: Green Chemistry

Elective-II

1. CH 509: Medicinal Chemistry-I
2. CH 515: Polymer Chemistry-I

Elective-III

1. CH 511: Medicinal Chemistry-II
2. CH 517: Polymer Chemistry-II

Elective-IV

1. CH 513: Medicinal Chemistry-III
2. CH 519: Polymer Chemistry-III

Elective-V (Laboratory- IV)

1. CH521 Medicinal Chemistry Lab-I
2. CH525 Polymer Chemistry Lab-I

Elective-VI (Laboratory- V)

3. CH523 Medicinal Chemistry Lab-II
4. CH527 Polymer Chemistry Lab-II

Elective-VII

1. CH 502: Medicinal Chemistry-IV
1. CH 506: Polymer Chemistry-IV

Elective-VIII

1. CH 504: Medicinal Chemistry-V
1. CH 508: Polymer Chemistry-V

Prasanna
8/8/15
Arjun

Vadha
8-8-15

Uppa
8/8/15