

BADDI UNIVERSITY OF EMERGING SCIENCES & TECHNOLOGY

B.Sc. (Honors) Chemistry (Semester System)

(Under Credit Based Continuous Evaluation Grading System)

Scheme for B.Sc. (Honors chemistry) – I, II & III Year (i.e. from Semester – I to VI)

SEMESTER- First

Course Code	Course Name	L (hrs)	P (hrs)	Credits
USCH-101	Inorganic Chemistry-I	4	2	4 + 1
USCH-102	Organic Chemistry-I	4	2	4 + 1
USCH-103	Physical Chemistry-I	4	2	4 + 1
USCH-104	Mathematics-I	4	0	4
or				
USCH-105	Biology	4	0	4
USCH-106	Physics-I	4	2	4 + 1
		Total Credits		24

SEMESTER- Second

Course Code	Course Name	L (hrs)	P (hrs)	Credits
USCH-151	Inorganic Chemistry-II	4	2	4 + 1
USCH-152	Organic Chemistry-II	4	2	4 + 1
USCH-153	Physical Chemistry-II	4	2	4 + 1
USCH-154	Physics-II	4	2	4 + 1
USCH-155	Mathematics-II	4	0	4
USCH-156	Fundamentals of Computers	1	2	1 + 1
		Total Credit		26

SEMESTER- Third

Course Code	Course Name	L (hrs)	P (hrs)	Credits
USCH-201	Inorganic Chemistry-III	4	2	4 + 1
USCH-202	Organic Chemistry-III	4	2	4 + 1
USCH-203	Physical Chemistry-III	4	2	4 + 1
USCH-204	Analytical Chemistry	4	0	4
USCH-205	Communication Skills	2	0	2
USCH-206	Human Values and Ethics	2	0	2
		Total Credit		25

SEMESTER – Fourth

Course Code	Course Name	L (hrs)	P (hrs)	Credits
USCH-251	Inorganic Chemistry-IV	4	2	4 + 1
USCH-252	Organic Chemistry-IV	4	2	4 + 1
USCH-253	Physical Chemistry-IV	4	2	4 + 1
USCH-254	Green Chemistry	4	0	4
USCH-255	Environmental Science	2	0	2
USCH-256	Contemporary Awareness and Insights	2	0	2
		Total Credit		23

SEMESTER – Fifth

Course Code	Course Name	L (hrs)	P (hrs)	Credits
USCH-301	Inorganic Chemistry-V	4	2	4 + 1
USCH-302	Inorganic Chemistry-VI	4	0	4
USCH-303	Organic Chemistry-V	4	2	4 + 1
USCH-304	Organic Chemistry-VI	4	0	4
USCH-305	Physical Chemistry-V	4	2	4 + 1
USCH-306	Physical Chemistry-VI	4	0	4
		Total Credits		27

SEMESTER – Sixth

Course Code	Course Name	L (hrs)	P (hrs)	Credits
USCH-351	Inorganic Chemistry-VII	4	2	4 + 1
USCH-352	Inorganic Chemistry-VIII	4	0	4
USCH-353	Organic Chemistry-VII	4	2	4 + 1
USCH-354	Organic Chemistry-VIII	4	0	4
USCH-355	Physical Chemistry-VII	4	2	4 + 1
USCH-356	Physical Chemistry-VIII	4	0	4
		Total Credits		27