

B. Sc. Sem I to Sem VI (Chemistry) Equivalence

OLD		NEW	
Paper No.	Title of the paper	Paper no.	Title of the paper
Semester I			
I	Physical Chemistry	I	Physical Chemistry
II	Inorganic Chemistry	II	Inorganic Chemistry
Semester II			
III	Organic Chemistry	III	Organic Chemistry
IV	Analytical Chemistry	IV	Analytical Chemistry
Semester III			
V	Organic Chemistry	V	Organic Chemistry
VI	Inorganic Chemistry	VI	Inorganic Chemistry
Semester IV			
VII	Physical Chemistry	VII	Physical Chemistry
VIII	Analytical and Industrial Inorganic Chemistry	VIII	Analytical and Industrial Inorganic Chemistry
Semester V			
IX	Physical Chemistry	IX	Physical Chemistry
X	Inorganic Chemistry	X	Inorganic Chemistry
XI	Organic Chemistry	XI	Organic Chemistry
XII	Analytical and Industrial Physical Chemistry	XII	Analytical and Industrial Physical Chemistry
Semester VI			
XIII	Physical Chemistry	XIII	Physical Chemistry
XIV	Inorganic Chemistry	XIV	Inorganic Chemistry
XV	Organic Chemistry	XV	Organic Chemistry
XVI	Analytical and Industrial Organic Chemistry	XVI	Analytical and Industrial Organic Chemistry

M.Sc. Sem IV (Organic Chemistry) Equivalence

OLD		NEW	
Paper No.	Title of the paper	Paper no.	Title of the paper
Semester I and Semester II			
CH 102	Organic Chemistry I	HCT 102	Organic Chemistry I
CH 202	Organic Chemistry II	HCT 202	Organic Chemistry II
Semester III and IV			
ORG CH 301 (IX)	Organic Reaction Mechanism	SCT 3.1 (25%)	Photochemistry And Pericyclic reactions
ORG CH 302 (X)	Advanced Spectroscopic Methods	M Sc. I Sem II RM (<25%)	Research Methodology
ORG CH 303 (XI)	Advanced Synthetic Method	HCT 4.1 (>75%)	Advanced Organic Chemistry II
ORG CH 304 (XII)	Drugs and Heterocycles	HCT 3.2 (75%)	Chemistry of Bioactive Heterocycles
ORG CH 401 (XIII)	Theoretical Organic Chemistry	SCT 3.1 (60%)	Photochemistry And Pericyclic reactions
Org CH 403 (XV)	Chemistry of Natural Products	HCT 4.3 (>75%)	Chemistry of Natural Products
ORG CH 404 (XVI)	Applied Organic Chemistry	OET 3.1 (75%)	Applied Organic Chemistry
ORG CH 402 (XIV)	Stereochemistry	M. Sc. I DSC-2 (25%)	Organic Chemistry-I

Equivalence of Microbiology

Sr. no.	Paper no. & title	Sem.	Paper no. & title	Sem.	% equivalence with present syllabus
1	Immunology xi	6	Immunology xi	6	95%
2	Industrial microbiology xii	6	Industrial microbiology xii	6	95%
3	Microbial biochemistry xiv	6	Microbial biochemistry xiv	6	95%

B. Sc. Botany Sem I to sem VI Subject Equivalence

OLD		NEW	
Paper NO.	Title of the Paper	Paper NO.	Title of the Paper
B.Sc.I SEM I			
I			
II	Fungi and Archegoniate	II	Fungi and Archegoniate
B.Sc.I SEM II			
III			
IV			
B.Sc.II SEM III			
V	Plant Anatomy	V	Plant Anatomy
VI	Plant metabolism	VI	Plant metabolism
B.Sc.II SEM IV			
VII	Plant Physiology	VII	Plant Physiology
VIII	Embryology of Angiosperms	VIII	Embryology of Angiosperms
Practical II	Based on Paper V and VI	Practical II	Based on Paper V and VI
Practical III	Based on Paper VII and VIII	Practical III	Based on Paper VII and VIII

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Respected Sir,

Please find below the equivalence subject/ paper for Undergraduate N+2 students of IV semester of our University for the paper **Environmental Studies**.

Subject/Paper of Undergraduate N+2 students	Equivalence Subject/Paper
Environmental Studies (IV semester)	Current syllabus (w e f. 2023-24)

M. Sc. Sem I to Sem IV (Mathematics) Equivalence

OLD		NEW	
Paper No.	Title of the paper	Paper no.	Title of the paper
Semester II			
I	Operations Research	I	Operation Research (HCT 4.4)
II	Complex Analysis	II	Complex Analysis (SCT 2.1)
Semester III			
III	Functional Analysis	III	Functional Analysis (HCT-3.1)

2004 to 2015 Repeater Student

Course Name	Subject Name (2004 to 2015)	Equivalent Paper (From 2019)
BCA		
BCA	advance java and wap	Advanced Java (BCA-III Sem. VI Syllabus w.e.f. June 2021)
BCA	aDVANCED JAVA - 1	Advanced Java (BCA-III Sem. VI Syllabus w.e.f. June 2021)
BCA	ADVANCED JAVA - II	Advanced Java (BCA-III Sem. VI Syllabus w.e.f. June 2021)
BCA	advanced java & wap - advanced java - II	Advanced Java (BCA-III Sem. VI Syllabus w.e.f. June 2021)
BCA	Advanced java AND wap	Advanced Java (BCA-III Sem. VI Syllabus w.e.f. June 2021)
BCA	Core Java	Core Java (BCA-III Sem. V Syllabus w.e.f. June 2021)
BCA	core java- advanced java - I	Core Java (BCA-III Sem. V Syllabus w.e.f. June 2021)
BCA	core java new	Core Java (BCA-III Sem. V Syllabus w.e.f. June 2021)
BCA	CYBE LAWS AND SECURITY CONTROL	No equivalence
BCA	data structure using c new	Data Structure using 'C'-I and Data Structure using 'C'-II (BCA-II Syllabus w.e.f. June 2020)
BCA	INTRODUCTION TO DATA MINING & WAREHOUSING	Data Warehouse and Data Mining (BCA-III Sem. VI Syllabus w.e.f. June 2021)
BCA	LINUX & SHELL PROGRAMMING	Linux and Shell Programming (BCA-III Sem. V Syllabus w.e.f. June 2021)
BCA	MAJOR PROJECT WORK	No equivalence
BCA	networking and data communication	Computer Networks-I and Advanced Computer
BCA	networking and data communication	Computer Networks-I and Advanced Computer Networks (BCA-II Syllabus w.e.f. June 2020)
BCA	networking and data communication new	Computer Networks-I and Advanced Computer Networks (BCA-II Syllabus w.e.f. June 2020)
BCA	operation system new	Introduction to Operating System (BCA-I Sem. II Syllabus w.e.f. June 2019)
BCA	RDbms with oracle new	Database Management System and MYSQL (BCA-II Syllabus w.e.f. June 2020)
BCA	software engineering (N)	Software Engineering-I and Software Engineering-II (BCA-I Syllabus w.e.f. June 2019)
BCA	software engineering new	Software Engineering-I and Software Engineering-II (BCA-I Syllabus w.e.f. June 2019)
BCA	SOFTWARE PROJECT MANAGEMENT	No equivalence
BCA	SOFTWARE PROJECT MANAGEMENT	No equivalence
BCA	VISUAL PPROGRAMMING	Visual Programming (BCA-III Sem. V Syllabus w.e.f. June 2021)
BCA	WEB TECHNOLOGY - III	No equivalence
BCA	Web technology new	No equivalence

Geography N+2 Equivalence subject titles

B. A. PART - III

SEM. V			
Paper No.	OLD TITLE	Paper No.	New Title/ Equivalence
VII	Resource Geography	VII	Regional Planning and Development
VIII	Urban Geography	VIII	Urban Geography OR Agricultural Geography
IX	Development of Geography	IX	Resource Geography OR Population Geography
SEM. VI			
Paper No.	OLD TITLE	Paper No.	New Title/ Equivalence
X	Geography of Economic Activities	X	Evolution of Geographical Thought
XI	Political Geography	XI	Geography of Health and Wellbeing OR Political Geography
XII	Applied Geography	XII	Hydrology and Oceanography OR Social Geography
Practical P. I	Elements of Map Work and Weather Reports	Practical P. I	Map Making and Map Interpretation
Practical P. II	Cartographic and Advanced Techniques in Geography		
Practical P. III	Topographical Maps and Statistical Methods	Practical P. II	Advanced Tools, Techniques (Computer, Remote Sensing, GIS, GPS) & Field Work
Practical P. IV	Surveying and Field work		

B.Sc. Part - II

SEM IV			
Paper	OLD TITLE	Paper No.	New Title/ Equivalence
VII	Biogeography-2	VII	Economic Geography
VIII	Agriculture Geography	VIII	Environmental Geography

M.A. Part II

SEM IV			
Paper	OLD TITLE	Paper No.	New Title/ Equivalence
	Geography of Manufacturing	STC 4.2	Geography of Manufacturing