

Course book (June-December Odd 2019)
Department of Chemistry
2019 S1 Int MSc Chem

| Code | Title | L-T-P | Cr | ES |
|------------------------|--|-------|----|----|
| 18 ENG101 | Communicative English | 202 | 3 | A |
| 18 MAL101/18 SAN101 | MAL/SAN | 102 | 2 | B |
| 18 CHY 101 | General Chemistry I | 310 | 4 | C |
| 18CSA100 | Problem solving and Computer Programming | 300 | 3 | D |
| 18 MAT105 | Introduction to Calculus and Matrix Theory | 310 | 4 | G |
| 18PHY103 | Mechanics | 310 | 4 | E |
| 18 CSA 180 | Problem solving and Computer Programming Lab | 0 0 2 | 1 | L1 |
| 18 PHY181 | Physics Lab.I | 0 0 2 | 1 | L2 |
| 18CUL101 | Cultural Education I | 200 | 2 | F |

TOTAL=24

2018 - S3 Int MSc Che

| Code | Title | L-T-P | Cr | ES |
|-----------|--|-------|----|----|
| 18CHY202 | Physical Chemistry I | 310 | 4 | A |
| 18CHY203 | Inorganic Chemistry I | 310 | 4 | B |
| 18 ENV300 | Environmental Science and Sustainability | 300 | 3 | H |
| 18 MAT207 | Introduction to Probability and Statistics | 310 | 4 | D |
| 18 PHY305 | Basic Electronics | 310 | 4 | C |
| 18CHY281 | Inorganic Qualitative Lab | 0 0 3 | 1 | L1 |
| 18SSK 201 | Life Skills I | 102 | 2 | G |
| 18AVP201 | Amrita Values Programme I | 100 | 1 | F |

TOTAL=23

2017 - S5 Int MSc Che

| Code | Title | L-T-P | Cr | ES |
|------------|--|-------|----|----|
| 15 CHY 301 | Physical Chemistry III | 310 | 4 | A |
| 15CHY302 | Inorganic Chemistry II | 310 | 4 | B |
| 15CHY303 | Organic Chemistry II | 310 | 4 | C |
| 15CHY331 | Batteries and Fuel Cells (Elective A) | 300 | 3 | E |
| 15CHY338 | Chemistry of Advanced Materials (Elective A) | 300 | 3 | E |
| 15OEL245 | Green Marketing | | 3 | J |
| 15OEL262 | Micro Finance, Small Group Management and Cooperatives | | 3 | J |
| 15OEL274 | Understanding Travel and Tourism | | 3 | J |
| 15OEL240 | Film Theory | | 3 | J |
| 15OEL248 | Indian Writing in English | | 3 | J |
| 15OEL250 | Introduction to Ancient Indian Yogic and Vedic Wisdom | | | J |
| 15OEL273 | The Message of Bhagwad Gita | | | J |
| 15CHY381 | Basic Physical Chemistry Lab | 0 0 5 | 2 | L1 |
| 15CHY382 | Organic Synthesis and Estimation Lab | 0 0 2 | 1 | L2 |
| 15CHY390 | Live-in-Lab/Open Elective B | 300 | 3 | J |
| 15SSK301 | Life Skills III | 102 | 2 | G |

TOTAL-23

S7 Int MSc

| Code | Title | L-T-P | Cr | ES |
|-----------|--|-------|----|----|
| 18CHY501 | Quantum Chemistry | 300 | 3 | D |
| 18CHY502 | Concepts in Inorganic Chemistry | 310 | 4 | B |
| 18CHY503 | Principles in Organic Chemistry | 300 | 3 | E |
| 18CHY504 | Coordination Chemistry | 300 | 3 | C |
| 18CHY505 | Group Theory and its Applications | 300 | 3 | A |
| 18CHY 581 | Inorganic Semi -micro Qualitative Analysis Lab | 0 0 5 | 2 | L1 |
| 18CHY 582 | Organic Quantitative Analysis Lab | 0 0 5 | 2 | L2 |

TOTAL-20

S1 MSc

| Code | Title | L-T-P | Cr | ES |
|-----------|--|-------|-----|----|
| 18CHY501 | Quantum Chemistry | 300 | 3 | D |
| 18CHY502 | Concepts in Inorganic Chemistry | 310 | 4 | B |
| 18CHY503 | Principles in Organic Chemistry | 300 | 3 | E |
| 18CHY504 | Coordination Chemistry | 300 | 3 | C |
| 18CHY505 | Group Theory and its Applications | 300 | 3 | A |
| 18CHY 581 | Inorganic Semi -micro Qualitative Analysis Lab | 0 0 5 | 2 | L1 |
| 18CHY 582 | Organic Quantitative Analysis Lab | 0 0 5 | 2 | L2 |
| 18 CUL501 | Cultural Education | 200 | P/F | F |

TOTAL- 20

S9 Int MSc 2015

| Code | Title | L-T-P | Cr | ES |
|----------|---|-------|----|----|
| 18CHY601 | Electrochemistry,Kinetics and Surface Chemistry | 310 | 4 | A |
| 18CHY602 | Synthetic Strategies and Reagents | 310 | 4 | B |
| 18CHY603 | Solid state Chemistry and Materials Science | 300 | 3 | C |
| 18CHY604 | Bioinorganic Chemistry | 300 | 3 | D |
| 18CHY631 | Applied Electrochemistry (Elective) | 300 | 3 | E |
| 18CHY637 | Medicinal Chemistry(Elective) | 300 | 3 | E |
| 18CHY639 | Nanomaterials for Biomedical Applications. | | 3 | E |
| 18CHY681 | Organic Qualitative Analysis Lab | 0 0 5 | 2 | L1 |
| 18CHY682 | Instrumental and Analytical Methods Lab | 0 0 5 | 2 | L2 |

TOTAL-21

S3 MSc Che 2018

| Code | Title | L-T-P | Cr | ES |
|----------|---|-------|----|----|
| 18CHY601 | Electrochemistry,Kinetics and Surface Chemistry | 310 | 4 | A |
| 18CHY602 | Synthetic Strategies and Reagents | 310 | 4 | B |
| 18CHY603 | Solid state Chemistry and Materials Science | 300 | 3 | C |
| 18CHY604 | Bioinorganic Chemistry | 300 | 3 | D |
| 18CHY631 | Applied Electrochemistry (Elective) | 300 | 3 | E |
| 18CHY637 | Medicinal Chemistry(Elective) | 300 | 3 | E |
| 18CHY639 | Nanomaterials for Biomedical Applications. | | | E |
| 18CHY681 | Organic Qualitative Analysis Lab | 0 0 5 | 2 | L1 |
| 18CHY682 | Instrumental and Analytical Methods Lab | 0 0 5 | 2 | L2 |
| 150EL657 | Yoga and Personal Development | | 2 | G2 |

TOTAL-23