

# University of Kerala

## First Degree Programme under CBCS System

### Third Semester BSc Degree Examination January 2023

(For Regular-2021 Admission, Improvement/ Supplementary –2020 Admission

Supplementary (2018 Admission to 2019 Admission )

(MERCY - 2013 to 2016 Admission)

Time 1.30 p.m. to 4.30 p.m. on all days except Fridays

(2.00 p.m. to 5.00 p.m. on Fridays)

Day	Date	Course Code	Course Name
Monday	06/02/2023		<b>Language Course VI</b>
		EN 1311.1/ EN 1311.3	Writing & Presentation Skills (Common for BA/B.Sc & Career related Courses 2(a) EN 1311.3) (2013 & 2014 Admission)
		EN 1311.1/ EN 1311.3	Writing & Presentation Skills (Common for BA/BSc & Career related Courses2(a)) (2015 to 2016, 2018 Admission)
		EN 1311.1/ EN 1311.3	English for Career(Common for BA/BSc & Career related Courses2(a) (2019 Admission Onwards)
Wednesday	08/02/2023		<b>Language Course VII</b>
			<b>Additional Language (Common for BA/ BSc)</b>
			<b>MALAYALAM</b>
		ML 1311.1	Drisyakala Sahityam (2013 Admission)
		ML 1311.1	Drisyakala Sahityam (2014 to 2016 Admission)
		ML 1311.1	Drisyakala Sahityam (2018 Admission)
		ML 1311.1 ML 1311.1	Drisyakala Sahityam (2019 & 2020 Admission) Bhashavabodhavum sargathmamakathayum(2021 Admission)
			<b>HINDI</b>
		HN 1311.1	Drama, One Act Plays and Translation (2013 to 2016Admission)
		HN 1311.1	Poetry and Grammar (2018 Admission )
		HN 1311.1	Poetry and Grammar (2019 Admission)
		HN 1311.1	Hindi Natak,Vyakaran tatha Anuvad (2020 Admission Onwards)

**ARABIC**

- AR 1311.1 Literature in Arabic (2013 & 2014 Admission)
- AR 1311.1 Classical Arabic Literature (2015,2016,2018 Admission)
- AR 1311.1 Classical Arabic Literature (2019 Admission)
- AR 1311.1 Arabic Prose (2020 Admission Onwards)

**FRENCH**

- FR 1311 Literature in French(2013 to 2016 Admission)
- FR 1311 French Literature and Interpretation (2018Admission)
- FR 1311 French Literature and Interpretation (2019 Admission Onwards)

**GERMAN**

- GR 1311.1 Grammar & German Prose (2013 Admission)
- GR 1311.1 Grammar & German Prose (2014 to 2016,2018 Admission)
- GR 1311.1 Grammar & German Prose (2019 & 2020 Admission)
- GR 1311.1 Grammar, German History,Society and Culture(2021 Admission)

**LATIN**

- LT 1311 Literature in Latin (2013 to 2016 & 2018 Admission)
- LT 1311 Literature in Latin (2019 Admission Onwards)

**SANSKRIT**

- SK 1311.1 Kavya, Nataka, Alankara and Vrta  
(2013 to 2016 & 2018 Admission)
- SK 1311.1 Mahakavya and Drama (2019 Admission Onwards)

**SYRIAC**

- SR 1311.1 Syriac-Prose, Grammar and History of the Syrian  
Church in India (2013 Admission)
- SR 1311.1 Syriac-Prose, Grammar and History of the Syrian  
Church in India (2014 to 2016 & 2018 Admission)
- SR 1311.1 Syriac-Prose, Grammar and History of the Syrian  
Church in India (2019 Admission Onwards)

**RUSSIAN**

- RU 1311.1 Prose & Translation II (2013 to 2016 Admission)
- RU 1311.1 Prose & Translation (2018 Admission)

RU 1311.1 Prose & Translation (2019 & 2020 Admission)  
RU 1311.1 Russian Short Stories (2021 Admission)

**TAMIL**

TM 1311.1 Tamilar Naagarigamum Panpaadum  
(2013 to 2016 Admission)

TM 1311.1 Tamilar Naagarigamum Panpaadum  
(2018 Admission)

TM 1311.1 Tamilar Naagarigamum Panpaadum  
((2019 Admission Onwards))

Friday 10/02/2023

**Foundation Course Psychology**

PG 1321 Informatics (2013 Admission)

PG 1321 Informatics (2014 Admission to 2016 Admission)

PG 1321 Informatics (2018 Admission)

PG 1321 Informatics (2019 Admission)

PG 1321 Informatics (2020 Admission Onwards)

Monday 13/02/2023

**Core Course II**

**CHEMISTRY**

CH 1341 Inorganic Chemistry II (2013 to 2016 Admission)

CH 1341 Inorganic Chemistry II (2018 Admission)

CH 1341 Inorganic Chemistry II (2019 Admission)

CH 1341 Inorganic Chemistry II (2020 Admission Onwards)

**POLYMER CHEMISTRY**

PO 1341 Inorganic Chemistry II (2013 Admission)

PO 1341 Physical Chemistry I (2014 - 2016 Admission)

PO 1341 Physical Chemistry I (2018 Admission)

PO 1341 Physical Chemistry I (2019 & 2020 Admission)

PO 1341 Physical Chemistry I (2021 Admission)

**BIO-CHEMISTRY**

BC 1341 Cellular Biochemistry (2013 to 2016 & 2018 Admission)

BC 1341 Cellular Biochemistry (2019 Admission)

BC 1341 Cellular Biochemistry (2020 Admission Onwards)

**BOTANY**

- BO 1341 Methodology of Plant Science(2013 Admission)  
BO 1341 Microbiology, Phycology, Mycology, Lichenology  
and Plant Pathology(2014– 2016 & 2018 Admission)
- BO 1341 Microbiology, Phycology, Mycology, Lichenology  
and Plant Pathology (2019 Admission Onwards)

**PSYCHOLOGY**

- PG 1341 Psychology of Individual differences  
(2013 Admission)
- PG 1341 Psychology and Assessment of Individual differences  
(2014 to 2016 Admission)
- PG 1341 Psychology and Assessment of Individual differences  
(2018 Admission)
- PG 1341 Psychology and Assessment of Individual differences  
(2019Admission)
- PG 1341 Psychology and Assessment of Individual differences  
(2020 Admission Onwards)

**GEOGRAPHY**

- GG 1341 Climatology and Oceanography  
(2013 Admission)
- GG 1341 Climatology and Oceanography  
(2014 to 2016 Admission)
- GG 1341 Climatology and Oceanography (2018 Admission)
- GG 1341 Climatology and Oceanography(2019 Admission Onwards)

**HOME SCIENCE**

- HS 1341 Child Development & Welfare  
(2013 to 2016 Admission)
- HS 1341 Child Development & Welfare (2018 Admission)
- HS 1341 Child Development & Welfare (2019 Admission Onwards)

**MICROBIOLOGY**

- MB 1341 Fundamentals of Microbiology (2014 to 2016 &2018 Admission.)
- MB 1341 Fundamentals of Microbiology (2019 Admission Onwards)

**MATHEMATICS**

- MM 1341 METHODS OF ALGEBRA & CALCULUS I (2013 Admission)

MM 1341 Algebra & Calculus I (2014 to 2016 Admission)

MM 1341 Elementary Number Theory and Calculus I  
(2018 Admission)

MM 1341 Elementary Number Theory and Calculus I  
(2019 Admission Onwards)

#### **PHYSICS**

PY 1341 Thermodynamics & Statistical Physics  
(2013 to 2016 Admission)

PY 1341 Electrodynamics (2018 Admission)

PY 1341 Electrodynamics  
(2019 Admission Onwards)

#### **STATISTICS**

ST 1341 Probability & Distribution-I  
(2013 to 2016 Admission)

ST 1341 PROBABILITY & DISTRIBUTION-I  
(2018 Admission)

ST 1341 PROBABILITY & DISTRIBUTION-I  
(2019 Admission Onwards)

#### **ZOOLOGY**

ZO 1341 ANIMAL DIVERSITY I (2013 Admission)

ZO 1341 Methodology and Perspectives of Science & Zoology  
(2014 Admission)

ZO 1341 Methodology and Perspectives of Zoology  
(2015 to 2016 & 2018 Admission)

ZO 1341/ZO 1321 Experimental Zoology, Instrumentation, Biostatistics and  
Bioinformatics (Common for ZO 1341 (2019 Admission) and  
ZO 1321 (2020 Admission Onwards))

#### **GEOLOGY**

GL 1341 Crystallography (2013 to 2016 & 2018 Admission)

GL 1341 Crystallography (2019 Admission)

GL 1341 Crystallography & Physical Mineralogy (2020 Admission Onwards)

### **Complementary Courses V & VI**

Wednesday 15/02/2023

MM 1331.3 Mathematics III Analytic Geometry,  
Complex Numbers, Abstract Algebra (for Geology)  
(2013 to 2016 Admission)

MM 1331.3 Mathematics III Complex Numbers, Algebra and Calculus  
(for Geology)(2018 Admission)

- MM 1331.3 Mathematics III Complex Numbers, Algebra and Calculus (for Geology)(2019 Admission Onwards)
- EL 1331 Electronics III (Physics) (2013 to 2016 Admission)
- EL 1331 Electronics III (Physics) (2018 Admission)
- EL 1331 Electronics III (Physics) (2019 Admission Onwards)
- ST 1331.3 Statistical Inference (Geography) (2013 to 2016 Admission)
- ST 1331.3 Statistical Inference (Geography)( 2018 Admission)
- ST 1331.3 Statistical Inference (Geography) (2019 Admission Onwards)
- PY 1331.3 Physical & Modern Optics & Electricity (Statistics) (2013 to 2016 Admission)
- PY 1331.3 Optics. Magnetism and Electricity (Statistics) (2018Admission)
- PY 1331.3 Optics. Magnetism and Electricity (Statistics) (2019 Admission Onwards)
- BO 1331 Micro-technique, Angiosperm Anatomy, Reproductive Botany and Biotechnology (Zoology,Home Science, Biochemistry) (2013 Admission)
- BO 1331 Systematic Botany, Economic Botany, Ethno Botany, Plant breeding (2014 to 2016 & 2018 Admission)
- BO 1331 Systematic Botany, Economic Botany, Ethno Botany, Plant breeding (2019 Admission Onwards)

Friday 17/02/2023

### **Complementary Courses V & VI**

- CH 1331.4 Organic & Biophysical Chemistry (Zoology) (2013 to 2016 Admission)
- CH 1331.4 Organic Chemistry (Zoology) (2018 Admission)
- CH 1331.4 Organic Chemistry (Zoology) (2019 Admission)
- CH 1331.4 Organic Chemistry (Zoology) (2020 Admission Onwards)
- CH 1331.3 Physical & Inorganic Chemistry (Botany/Microbiology) (2013 to 2016 Admission)
- CH 1331.3 Physical Chemistry(Botany) (2018 Admission)

- CH 1331.3 Physical Chemistry(Botany)( 2019 Admission)
- CH 1331.3 Physical Chemistry(Botany)( 2020 Admission Onwards)
- CH 1331.1 Physical & Inorganic Chemistry (Physics)  
(2013 to 2016 Admission)
- CH 1331.1 Physical Chemistry II (Physics)(, 2018 Admission)
- CH 1331.1 Physical Chemistry II (Physics)(2019 Admission)
- CH 1331.1 Physical Chemistry (Physics)(2020 Admission Onwards)
- CH 1331.2 Physical Analytical & Inorganic Chemistry (Geology)  
(2013 to 2016 Admission)
- CH 1331.2 Physical Analytical & Inorganic Chemistry (Geology)  
(2018 Admission)
- CH 1331.2 Physical Analytical & Inorganic Chemistry (Geology)  
(2019 Admission)
- CH 1331.2 Physical & Inorganic Chemistry (Geology)  
(2020 Admission Onwards)
- CH 1331.7 Organic Chemistry (Microbiology)( 2018 Admission) )
- CH 1331.7 Organic Chemistry (Microbiology) (2019 Admission)
- CH 1331.7 Biomolecules and Biophysical Chemistry I (Microbiology)  
(2020 Admission Onwards)
- PY 1331.5 Optics & Electricity (Home Science)  
(2013 to 2016 Admission)
- PY 1331.5 Optics & Electricity (Home Science)  
(2018 Admission)
- PY 1331.5 Optics & Electricity (Home Science)  
(2019 Admission Onwards )
- GL 1331 Petrology & Structural Geology (Geography)  
(2013 to 2016 & 2018 Admission)
- GL 1331 Petrology & Structural Geology (Geography)  
(2019 Admission)
- GL 1331 Petrology & Structural Geology (Geography)  
(2020 Admission Onwards)
- PY 1331.2 Optics, Magnetism & Electricity  
(Chemistry & Polymer Chemistry)  
(2013 to 2016 Admission)

	PY 1331.2	Optics, Magnetism & Electricity (Chemistry) (2018 Admission)
	PY 1331.2	Optics, Magnetism & Electricity (Chemistry) (2019 Admission Onwards)
	PY 1331.7	Modern Optics and Electricity (Polymer Chemistry) (2018 Admission)
	PY 1331.7	Modern Optics and Electricity (Polymer Chemistry) (2019 Admission Onwards)
	ST 1331.1	Distribution Theory & Limit Theorems (Mathematics) (2013 Admission Only)
	ST 1331.1	Probability Distribution and Theory of Estimation (2014 to 2016 Admission) for Mathematics.
	ST 1331.1	Statistical Distributions (2018 Admission) (for Mathematics)
	ST 1331.1	Statistical Distributions (for Mathematics) (2019 Admission Onwards)
	MM 1331.4	Mathematics III-Integration & Complex Numbers (for Statistics) (2013 to 2016 Admission)
	MM 1331.4	Mathematics III – Fourier Series, Numerical Methods and ODE (for Statistics) (2018 Admission)
	MM 1331.4	Mathematics III – Fourier Series, Numerical Methods and ODE (for Statistics) (2019 & 2020 Admission)
	MM 1331.4	Mathematics III – Fourier Series, Numerical Methods and ODE (for Statistics) (2021 Admission)
Monday 20/02/2023	ZO 1331.1	Functional Zoology (Home Science, Botany & Bio-chemistry) (2013 & 2014 Admission)
	ZO 1331.1	Functional Zoology (2015 to 2016 & 2018 Admission) (Home Science, Botany & Bio-chemistry)
	ZO 1331.1	Functional Zoology (2019 Admission Onwards) (Home Science, Botany & Bio-chemistry)
	ZO 1331.2	Physiology of Motivation (Psychology) (2013 – 2016 & 2018 Admission)
	ZO 1331.2	Physiology of Motivation (Psychology) (2019 Admission Onwards)



	PY 1331.4	Optics & Electrodynamics (Geology) (2013 to 2016 Admission)
	PY 1331.4	Optics & Electrodynamics (Geology) (2018 Admission)
	PY 1331.4	Optics & Electrodynamics (Geology) (2019 Admission Onwards)
	MM 1331.1	Mathematics III –Theory of Equations, Differential Equations and Theory of Matrices (for Physics) (2013 Admission Only)
	MM 1331.1	Mathematics III – Differential Equations, Theory of Equations and Theory of Matrices (2014 to 2016 Admission) ( for Physics)
	MM 1331.1	Mathematics III – Calculus and Linear Algebra ( for Physics) (2018 Admission)
	MM 1331.1	Mathematics III – Calculus and Linear Algebra (for Physics) (2019 & 2020 Admission)
	MM 1331.1	Mathematics III Linear Algebra, Special Functions and Calculus (2021 Admission)
	CS 1331.3	Computer Graphics (Mathematics) (2013 to 2015 Admission)
	CS 1331.2/CS 1331.3	Computer Graphics (Mathematics & Statistics) (2016 & 2018 Admission)
	CS 1331.2/CS 1331.3	Computer Graphics (Mathematics & Statistics) (2019 Admission Onwards )
Wednesday 22/02/2023	ST 1331.2	Probability Distributions and Stochastic Process (Physics) (2013 to 2016 Admissions)
	ST 1331.2	Probability Distributions and Stochastic Process (Physics) (2018 Admission)
	ST 1331.2	Probability Distributions and Stochastic Process (Physics) (2019 Admission Onwards)
	MM 1331.2	Mathematics III Theory of Equations & Vector Analysis ( for Chemistry, Polymer Chemistry) (2013 Admission Only)
	MM 1331.2	Mathematics III Vector Analysis and Theory of Equations (for Chemistry, Polymer Chemistry)(2014 to 2016 Admission)
	MM 1331.2	Mathematics III – Linear Algebra, Probability Theory and Numerical Methods (For Chemistry & Polymer Chemistry) (2018 Admission)

MM 1331.2	Mathematics III – Linear Algebra, Probability Theory and Numerical Methods (For Chemistry & Polymer Chemistry) (2019 & 2020 Admission)
MM 1331.2	Mathematics III – Linear Algebra, Probability Theory and Numerical Solutions (2021 Admission) (For Chemistry & Polymer Chemistry)
CH 1331.6	Inorganic & Organic Chemistry & Spectroscopy (Biochemistry) (2013 to 2016 Admission)
CH 1331.6	Inorganic & Organic Chemistry & Spectroscopy (Biochemistry) (2018 Admission)
CH 1331.6	Inorganic & Organic Chemistry & Spectroscopy (Biochemistry) (2019 Admission)
CH 1331.6	Physical & Analytical Chemistry II (Biochemistry) (2020 Admission Onwards)
CH 1331.5	Physical & Organic Chemistry (Home Science) (2013 to 2016 Admission)
CH 1331.5	Organic Chemistry II (Home Science) (2018 Admission)
CH 1331.5	Organic Chemistry II (Home Science) (2019 Admission)
CH 1331.5	Organic Chemistry II (Home Science) (2020 Admission Onwards)
PY 1331.1	Optics, Magnetism & Electricity (Mathematics) (2013 to 2016 Admission)
PY 1331.1	Optics, Magnetism & Electricity (Mathematics) (2018 Admission)
PY 1331.1	Optics, Magnetism & Electricity (Mathematics) (2019 Admission Onwards)
CS 1331.2	Numerical Methods & Statistical Packages (Statistics) (2013 to 2015 Admission)
BC 1331	Enzymes & Bioenergetics (Botany, Zoology) (2013 Admission)
BC 1331	Enzymes & Bioenergetics (Botany, Zoology) (2014 to 2016 & 2018 Admission)
BC 1331	Enzymes & Bioenergetics (Botany, Zoology) (2019 Admission)
BC 1331	Enzymes & Bioenergetics (Botany, Zoology) (2020 Admission Onwards)
ST 1331.5	Statistical Methods for Psychology III (Psychology) (2013 to 2016 Admissions)

ST 1331.5	Statistical Methods for Psychology III (Psychology) (2018 Admission)
ST 1331.5	Statistical Methods for Psychology III (Psychology) (2019 Admission Onwards)
BT 1331	Cell Biology (2014 to 2016 & 2018 Admission) (Microbiology)
BT 1331	Cell Biology (2019 Admission Onwards) (Microbiology)
MI 1331.1	Knowledge Representation and Intelligence Agents ( 2020 Admission Onwards)

**Sd/-**  
**Controller of Examinations**

University Buildings,  
Thiruvananthapuram  
Dated: 13/01/2023