

Ronald Huidrom

Coursework Database¹

This is my coursework database that aims to list all the coursework I have completed while in university. Each entry is written in the format [*Course name*], [*Discipline*], [*University*] [*Course Id*].

July-Dec 2022 (NPTEL): Prospective

- [1] Theory of Computation, Computer Science, IITK noc22-cs63.
- [2] Design and Analysis of Algorithms, Computer Science, CMI no22-cs68.
- [3] Programming in Modern C++, Computer Science, IITKGP noc22-cs
- [4] C Programming and Assembly Language, Computer Science, IITM no22-cs68.
- [5] Programming, Data Structures and Algorithms using Python, Computer Science, CMI no22-cs70.

Fall 2022: Prospective

- [6] Quantum Mechanics, Physics, IISERM phy302.
- [7] Random Processes, Mathematics, IISERM mth435.
- [8] Category Theory, Mathematics, IISERM mth432.
- [9] Manifolds, Mathematics, IISERM mth403.
- [10] Functional Analysis, Mathematics, IISERM mth402.
- [11] Metaphysics of Science, Philosophy, IISERM hss629.

Spring 2022

- [12] Workshop Training, Production and Industrial Engineering, IISERM idc211.
- [13] Measure Theory and Probability, Mathematics, IISERM mth309.
- [14] Groups and Fields, Mathematics, IISERM mth308.
- [15] Discrete Mathematics, Mathematics, IISERM mth307.
- [16] Complex Analysis, Mathematics, IISERM mth305.
- [17] Principles of Economics, Social Sciences, IISERM hss646.

Fall 2021

- [18] Introduction to Data Science, Computer Science, IISERM idc409.
- [19] Topology, Mathematics, IISERM mth304.
- [20] Ordinary and Partial Differential Equations, Mathematics, IISERM mth303.
- [21] Rings and Modules, Mathematics, IISERM mth302.
- [22] Real Analysis in \mathbb{R}^n , Mathematics, IISERM mth301.

¹Last updated June 29, 2022. Get the latest version at ronhuidrom.github.io/academia/coursework.pdf

Spring 2021

- [23] Thermodynamics and Statistical Physics, Physics, IISERM phy202.
- [24] Physics Laboratory IV, Physics, IISERM phy212.
- [25] Astronomy and Astrophysics, Physics, IISERM idc201.
- [26] Probability and Statistics, Mathematics, IISERM mth202.
- [27] Philosophy of Science, Social Sciences, IISERM hss202.
- [28] Energetics and Dynamics of Chemical Reactions, Chemistry, IISERM chm202.
- [29] Chemistry Lab IV, Chemistry, IISERM chm212.
- [30] Behaviour and Ecology, Biology, IISERM bio202.
- [31] Biology Lab IV: Ecology, Biology, IISERM bio212.

Fall 2020

- [32] Waves and Optics, Physics, IISERM phy201.
- [33] Physics Laboratory III: Optics, Physics, IISERM phy211.
- [34] Number Theory and Cryptography, Computer Science, IISERM idc207.
- [35] Curves and Surfaces, Mathematics, IISERM mth201.
- [36] Spectroscopic and Other Physical Methods, Chemistry, IISERM chm201.
- [37] Chemistry Lab III: Spectroscopy, Chemistry, IISERM chm211.
- [38] Genetics and Evolution, IISERM bio201.
- [39] Biology Lab III: Genetics, Biology, IISERM bio211.

Spring 2020

- [40] Electromagnetism, Physics, IISERM phy102.
- [41] Physics Laboratory II, Physics, IISERM phy112.
- [42] Hands-on Electronics, Physics, IISERM idc102.
- [43] Analysis in One Variable, Mathematics, IISERM mth102.
- [44] History of Science, Social Sciences, IISERM hss102.
- [45] Atoms, Molecules and Symmetry, Chemistry, IISERM chm102.
- [46] Chemistry Lab II, Chemistry, IISERM chm112.
- [47] Gene Expression and Development, Biology, IISERM bio102.
- [48] Biology Lab II, Biology, IISERM bio112.

Fall 2019

- [49] Mechanics, Physics, IISERM phy101.
- [50] Physics Laboratory I, Physics, IISERM phy111.
- [51] Introduction to Computers, Computer Science, IISERM idc101.
- [52] Symmetry and Linear Algebra, Mathematics, IISERM mth101.
- [53] Chemistry of Elements and Chemical Transformations, Chemistry, IISERM chm101.
- [54] Chemistry Lab I, Chemistry, IISERM chm111.
- [55] Cellular Basis of Life, Biology, IISERM bio101.
- [56] Biology Lab I, Biology, IISERM bio111.
- [57] Language Skills-B, Humanities, IISERM hss101.