



MAHARSHI DAYANAND UNIVERSITY, ROHTAK

(Established under Haryana Act No. XXV of 1975)

'A+' Grade University accredited by NAAC

W.E.F. 2020-21

Open Elective Courses

Students of all PG programmes under CBCS (w.e.f.2020-21) are required to study one open elective course in each of the 2nd and 3rd Semesters for 2-Years Programmes and in each of the 4th and 5th semesters for 3-Years Programmes. They may choose any one of the following courses (excluding the courses offered by the departments of their own subjects).

Open Elective Courses of 2nd Semester:-

Sr. No.	Nomenclature of the course	Course Code	Offered by the Department
1.	Introduction to Bioinformatics	16BINO1	Bioinformatics
2.	Principles and Applications of Agriculture Biotechnology-I	16CBTO1	Biotechnology
3.	Principles and Applications of Biotechnology-I	16CBTO3	Biotechnology
4.	Basic Biochemistry	16BCHO1	Bio-Chemistry
5.	Plant Resource Utilization	16BOTO1	Botany
6.	Cyber Forensic & Security	16CSAO1	Computer Science & Applications
7.	National Security of India	16DSSO1	Defence & Strategic Studies
8.	Basics of Economics	16ECOO1	Economics
9.	Fundamental Aspects of Education	16EDUO1	Education
10.	Indian Literature in Translation - I	18ENGO1	English
11.	Environmental Issues	16ENVO1	Environmental Science
12.	Food Adulteration	16FTEO1	Food Technology
13.	Genetics & Society	16GENO1	Genetics
14.	Basics of Geoinformatics	16GEOO1	Geography
15.	Geography of India Systematic and Regional	16GEOO2	Geography
16.	Nationalism in India	16HISO1	History & Arch.
17.	Constitutional and Administrative History of India (1858-1950)		History & Arch.
18.	Front Office & Guest Services Management	18MHMCTO1	IHTM
19.	Fundamentals of Management	16IMSO1	IMSAR
20.	Media & Society	16JRMO1	Journalism
21.	Family Law	16LAWO1	Law
22.	General Principles of Criminal Law	18LAWO2	Law
23.	Academic Integrity & Plagiarism	16LISO1	Library & Information Science
24.	Mathematical Techniques and Applications	16MATO1	Mathematics
25.	Parametric & Non-Parametric Tests	16MATO2	Mathematics
26.	Principles of Medical Biotechnology I	16MBTO1	Medical Biotechnology

27.	Microbes and Environment	18MCBO1	Microbiology
28.	Sources of Energy-I	16PHYO1	Physics
29.	Administrative Literacy	16PUBO1	Public Administration
30.	Disaster Management - I	16POLO1	Political Science
31.	Ancient Indian Culture & Philosophy	18SKTO1	Sanskrit
32.	Understanding Sociology	16SOCO1	Sociology
33.	Quantitative Techniques	16STAO1	Statistics
34.	Sampling & Estimation Techniques	16STAO2	Statistics
35.	Computer Science Principles	16CSEO1	UIET (Comp. Sc. & Eng.)
36.	Software Engineering Practices	16CSEO2	UIET (Comp. Sc. & Eng.)
37.	Business skills for Biotechnologists	16MBTO1	UIET (Biotech)
38.	Operations Research	16MMEO1	UIET (Mech. Eng.)
39.	Multimedia Communication	16ECEO1	UIET(Electronics & Comm)
40.	Applied Zoology	16ZOOO1	Zoology

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Open Elective Courses of 3rd Semester:-

Sr. No.	Nomenclature of the course	Course Code	Offered by the Department
1	Computer Aided Drug Design	16BINO2	Bioinformatics
2	Principles and Applications of Agriculture Biotechnology-II	16CBTO2	Biotechnology
3	Principles and Applications of Biotechnology-II	16CBTO4	Biotechnology
4	Human Health & Nutritional Disorders	16BCHO2	Bio-Chemistry
5	Plants: Source of Food and Health	17BOTO2	Botany
6	Fundamental of Income Tax	16COMO1	Commerce
7	Study of War	16DSS22OE2	Defence & Strategic Studies
8	Principles of Economics	16ECOO2	Economics
9	Trends and Concerns of Teacher Education	16EDUO2	Education
10	Indian Literature in Translation -II	18ENGO2	English
11	Disaster Management	16ENVO2	Environmental Science
12	Food Fundamentals	16FTEO2	Food Technology
13	Forensic Science	16GENO2	Genetics
14	Introduction of Geography	17GEOO1	Geography
15	Sources of Geographical Data	17GEOO2	Geography
16	Bhartiya Sahitya	16HNDO1	Hindi
17	Survey of Sources of Indian History	16HISO2	History & Arch.
18	Cultural Heritage of Haryana		History & Arch.
19	Housekeeping & Interior Design	18MHMCTO2	IHTM
20	Fundamentals of Marketing	16IMSO2	IMSAR
21	New Media	18JRMO2	Journalism
22	Constitutional Law	16LAWO2	Law

23	Information Sources and Literacy	16LISO2	Library & Information Science
24	Statistical Tools using SPSS	16MATO3	Mathematics
25	MATLAB	16MATO4	Mathematics
26	Vedic Mathematics		Mathematics
27	Principles of Medical Biotechnology II	16MBTO2	Medical Biotechnology
28	Microbes for health and wealth	18MCBO2	Microbiology
29	Sources of Energy-II	16PHYO2	Physics
30	Environment Protection Administration	16PUBO2	Public Administration
31	Natural and Manmade Disaster	16POLO2	Political Science
32	Ancient Indian Ethics	18SKTO2	Sanskrit
33	Indian Society	16SOCO2	Sociology
34	Optimization Techniques	16STAO3	Statistics
35	Official Statistics		Statistics
36	Wild Life and Conservation	16ZOOO2	Zoology

Time Table already approved for Foundation/Open Elective Papers from the session 2016-17 be also followed. The classes of these papers be held from 8:45 A.M. to 9:45 AM on the following days:-

Foundation Elective	Monday & Tuesday
Open Elective	Wednesday to Friday/Saturday

