

Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)

MOOCs for B.Sc. in MOLECULAR BIOLOGY

No.	Course Name	Duration(Weeks)	Credit	Name of the Mooc websites	Link
1	Industrial Biotechnology	12	4	SWAYAM	https://swayam.gov.in/noc19_bt20/preview
2	Biochemistry & Molecular Biology	12	4	SWAYAM	https://swayam.gov.in/noc19_bt02/preview
3	DNA Decoded	4		COURSERA	https://www.coursera.org/learn/dna-decoded
4	Drug Development	3		COURSERA	https://www.coursera.org/learn/drug-development
5	RNA Processing and Translation	8		EDX	https://www.edx.org/course/molecular-biology-part-3-rna-processing-and-translation-0
6	Introduction to Biology - The Secret of Life	15		EDX	https://www.edx.org/course/introduction-to-biology-the-secret-of-life-4
7	Artificial Intelligence Search Methods For Problem Solving	12	4	SWAYAM	https://swayam.gov.in/noc19_cs83/preview
8	Introduction to the Biology of Cancer	6		COURSERA	https://www.coursera.org/learn/cancer
9	Fundamental Neuroscience for Neuroimaging	4		COURSERA	https://www.coursera.org/learn/neuroscience-neuroimaging

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10	Bioinformatic Methods I	8		COURSERA	https://www.coursera.org/learn/bioinformatics-methods-1
11	Epigenetic Control of Gene Expression	7		COURSERA	https://www.coursera.org/learn/epigenetics
12	Big Data Science with the BD2K-LINCS Data Coordination and Integration Center	7		COURSERA	https://www.coursera.org/learn/bd2k-lincs
13	Network Analysis in Systems Biology	10		COURSERA	https://www.coursera.org/learn/network-biology
14	Biology Meets Programming: Bioinformatics for Beginners	4		COURSERA	https://www.coursera.org/learn/bioinformatics
15	Ethics in Engineering Practice	8 weeks	3	NPTEL	IIT Kharagpur
16	Ethics and Law in Data and Analytics	Self Paced	4	edX	Microsoft
17	A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Indian School of Business
18	Successful Career Development	2	7 weeks	Coursera	University System of Georgia
19	Working in Teams: A Practical Guide	1	4 weeks	edX	University of Queensland

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20	Principles of Downstream techniques in bioprocess	12	4	SWAYAM	https://swayam.gov.in/nd1_noc19_bt31/preview
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