



# Admission Open for the Session 2024-25 at Department of Genetics Maharshi Dayanand University, Rohtak

## Programs Offered –

1. Four-Year Bachelor of Science in Genetics (with Honors and Research Degree options)
2. Two-Year Master of Science in Genetics

## Advantage of the courses –

1. Designed as per National Education Policy - 2020
2. The course is structured to understand genetic factors to promote health
3. Collaboration with leading institutions and hospitals
4. Prepare for global career with international exposure

Total Intake  
30 for  
each program

## Websites:

- ❑ Department : <https://mdu.ac.in/Department/DepartmentHome.aspx?Dept=20>
- ❑ Prospectus : [https://mdu.ac.in/UpFiles/UpPdfFiles/2024/May/4\\_05-30-2024\\_10-50-44\\_Revised%20Latest%20Prospectus%20for%204%20year%20UG%20&%205%20year%20Integrated%20Program%202024-25%20\(30.05.2024\).pdf](https://mdu.ac.in/UpFiles/UpPdfFiles/2024/May/4_05-30-2024_10-50-44_Revised%20Latest%20Prospectus%20for%204%20year%20UG%20&%205%20year%20Integrated%20Program%202024-25%20(30.05.2024).pdf)
- ❑ Entrance test Syllabus : [https://mdu.ac.in/UpFiles/UpPdfFiles/2024/May/4\\_05-28-2024\\_10-53-15\\_Adobe%20Scan%2027-May-2024%20\(1\).pdf](https://mdu.ac.in/UpFiles/UpPdfFiles/2024/May/4_05-28-2024_10-53-15_Adobe%20Scan%2027-May-2024%20(1).pdf)

## Important instructions:

- The date for opening of portal for online registration is 24.05.2024
- Last date for submission of application is 08.06.2024
- Visit [www.mdu.ac.in](http://www.mdu.ac.in) to apply
- For inquiry contact:  
[hod.genetics@mdurohtak.ac.in](mailto:hod.genetics@mdurohtak.ac.in)



2024



### Unveiling Excellence:

### B.Sc. Genetics

*Dive into the Depths of Genetic Exploration*

#### Key Features:

1. Comprehensive 4-Year Program
2. State-of-the-Art Facilities
3. Expert Faculty
4. Hands-On Experience
5. Innovative Curriculum
6. Global Reach, Local Impact

#### ELIGIBILITY

Admission will follow the entrance examination process

#### Entrance Test Syllabus :

[https://mdu.ac.in/UpFiles/UpPdfFiles/2024/May/4\\_05-28-2024\\_10-53-15\\_Adobe%20Scan%2027-May-2024%20\(1\).pdf](https://mdu.ac.in/UpFiles/UpPdfFiles/2024/May/4_05-28-2024_10-53-15_Adobe%20Scan%2027-May-2024%20(1).pdf)

### Why Enroll?

- **Career Opportunities:** Explore diverse employment options in human genetics, biotechnology, healthcare, forensic science, and more.
- **Global Prospects:** Open doors to opportunities both in India and abroad.
- **Advanced Studies:** A solid foundation for pursuing higher education and research.

#### Contact Us:

Email: [hod.genetics@mdurohtak.ac.in](mailto:hod.genetics@mdurohtak.ac.in)

#### Website:

[https://mdu.ac.in/UpFiles/UpPdfFiles/2024/May/4\\_05-30-2024\\_10-50-44\\_Revised%20Latest%20Prospectus%20for%204%20Year%20UG%20&%205%20Year%20Integrated%20Pr ogram%202024-25%20\(30.05.2024\).pdf](https://mdu.ac.in/UpFiles/UpPdfFiles/2024/May/4_05-30-2024_10-50-44_Revised%20Latest%20Prospectus%20for%204%20Year%20UG%20&%205%20Year%20Integrated%20Program%202024-25%20(30.05.2024).pdf)

**Join Us at MDU Rohtak and Embark on  
a Journey of Discovery in Genetics!**

## **Four year course in B.Sc. Genetics (Hons.) / B.Sc. Genetics Hons. With research**

Department of Genetics is starting four year course B.Sc. Genetics (Hons.) / B.Sc. Genetics (Hons. with research) under NEP 2020. From current session 2024-25

Brief outlook of the course: Genes are the blue print of life. To sustain life and to live healthy and happy life one should understand the intricate nature of genes. Genetics is the study of genes, their behaviour and structure.

It is one of the most rapidly developing applied field of biology and essential to understand all aspects of biology. We have already witnessed the havoc of pandemic and its solution was only possible by the knowledge of genetics. Study of Genetics is crucial in understanding different diseases and developing new medical technologies. This field has driven many of modern advancement in medicine, agriculture and pharmaceutical industry. People's Genetics information is increasingly being used for non clinical purpose also such as solving crimes, determining paternity and exploring one's ancestry.

Career in Genetics is booming in healthcare, academic, industry DNA fingerprinting labs, forensic labs and pharma industry. B.Sc. Genetics will provide a platform to understand the genetics tools for improvement of human health, plant and animal varieties, developing vaccines, recombinant proteins, probiotics, antibiotics etc.

The course has been designed in such a way that student will be well equipped with ample opportunities in all areas of science including Agriculture, pharmaceutical industries, Medical fields besides academic and research organisations. Course has promising future both in India and in all prestigious institutions of abroad.

The course will be first step towards a professional carrier in disease diagnostics, allied biomedical sciences, agriculture science, pharmaceutical science and forensic labs/ institutes as well.

### **There will be multiple entry and exit option.**

- After one year course student will be given certificate course in Genetics with skill enhancement training.
- After two year program – Diploma in Genetics.
- After 3 year program – B.Sc. degree in Genetics (Major) with minor (Life Science)
- After 4 year – B.Sc. Genetics (Hons.) B.Sc. Genetics (Hons. With research) and student would be having a choice to either go for Ph.D. / one year M.Sc. Genetics as per ordinance and curriculum of University.