



MANIPAL UNIVERSITY
JAIPUR



NAAC A+ Grade
with 3.28 Score



Rankings 2025
University: 58 | Overall: 98
Engineering: 58 | Management: 81
Architecture: 21 | Law: 32



Dual Degree Program

Jointly with The University of Melbourne, Australia

**Bachelor of Science(Honours with Research)-Physics/Chemistry/Mathematics
from Manipal University Jaipur**

**Bachelor of Science Advanced (Honours) from The University of Melbourne, Australia
(2 Years MUJ +2 Years UoM)**

Admission 2026-27

Program Overview:

Manipal University Jaipur (MUJ), in collaboration with The University of Melbourne (UoM), Australia, offers an exclusive four-year Dual Degree Program designed for students aspiring for a global education in science and technology.

Under this 2+2 Dual Degree Program, students complete the first two years at MUJ, India, followed by the final two years at The University of Melbourne, consistently ranked among the world's leading universities. During the final two year students study and live in the vibrant academic and cultural environment of Melbourne, Australia.



Scan for
more details



THE UNIVERSITY OF
MELBOURNE



Two Degrees
One Global Identity

University Ranking in the World

39
Geophysics

40
Chemistry

16
Geography

14
Life Sciences &
Medicine

38
Biological
Sciences

31
Data Science &
Artificial Intelligence

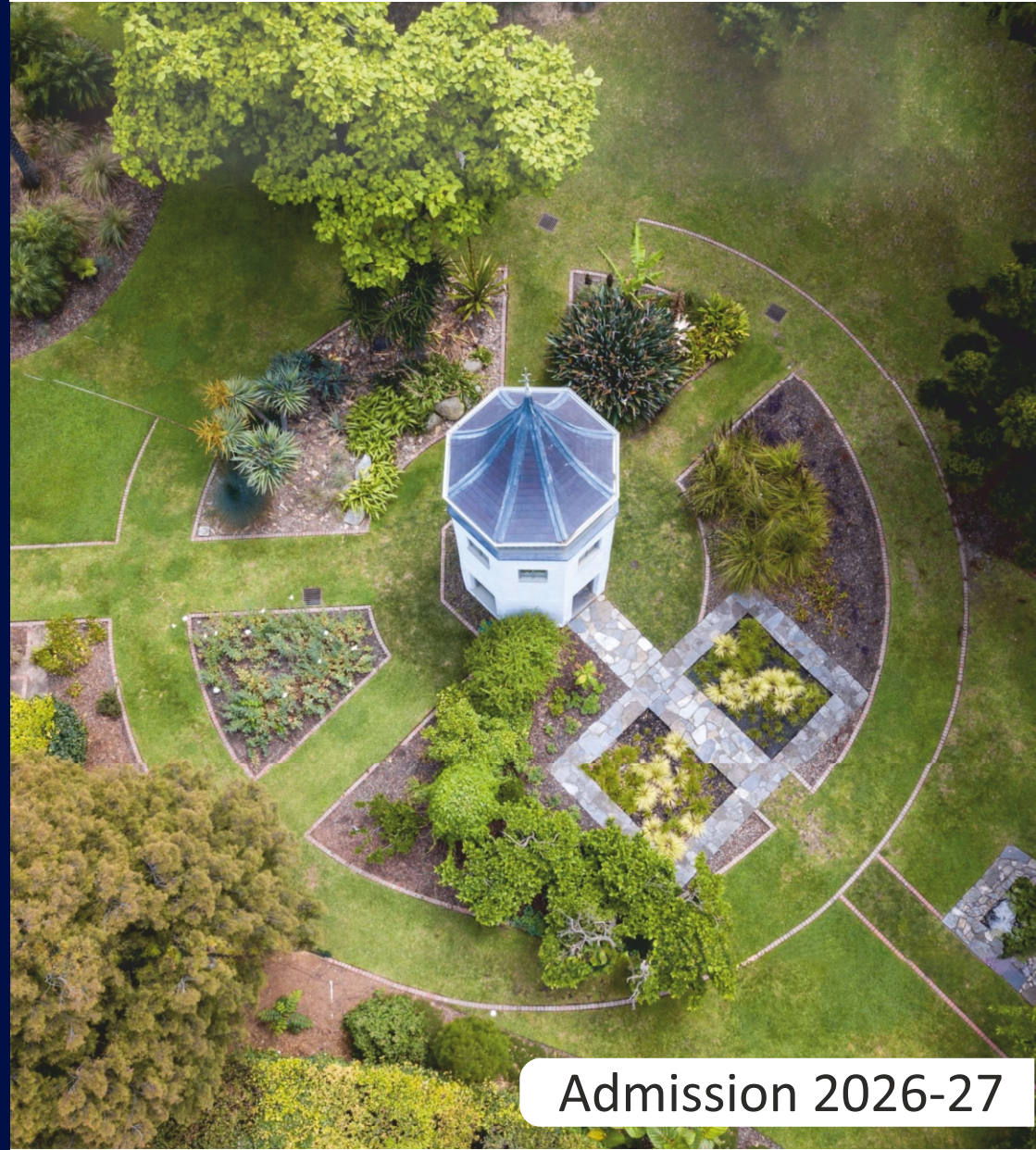
57
Physics &
Astronomy

20
Environmental
Sciences

38
Earth &
Marine Sciences

No 1 in Australia for

- Data Science & Artificial Intelligence
 - Biological Sciences
- Life Sciences and Medicine
 - Psychology
- Statistics & Operational Research



Admission 2026-27



About the School of Physical and Biological Sciences

The first two years in the Dual Degree Program at Manipal University Jaipur are offered under the umbrella of the School of Physical and Biological Sciences (SoPBS), constituted by four departments: Biosciences, Chemistry, Mathematics & Statistics, and Physics.

Department of Biosciences

Established in 2012, the Department of Biosciences follows an integrated approach toward higher education, research, and development in Life Sciences. It caters to biotechnology, biopharmaceutical, agriculture, and microbiology-based industries along with fundamental research. The department trains students as per industry and academia requirements and provides research project opportunities for independent future work. To enhance research output, it has MoUs with universities, industries, and research institutes and has received grants from DST-FIST, DST-PURSE, DST-SERB New Delhi, ICMR New Delhi, DBT New Delhi, ROCL Rajasthan, DST-Imprint, NMPB New Delhi, and DST-Rajasthan. Programs include interdisciplinary and value-added courses focusing on Employability, Entrepreneurship, and Skill Development.

Department of Chemistry

Established in 2011, the Department of Chemistry offers world-class education and a strong research environment. It focuses on understanding atoms, molecules, and materials through active research programs involving graduate and undergraduate students. Faculty work on novel nanomaterials, catalysts, drugs, solar sensitizer dyes, and organic synthesis using advanced experiments and computational molecular modelling, aiming to train exceptional chemists and material scientists for societal betterment.

Department of Mathematics & Statistics

Established in 2011, the Department of Mathematics and Statistics aims to offer world-class education and a strong research environment, maintaining a balance between teaching, research, and student development. With qualified and committed faculty, it promotes research in core and allied areas of Mathematics, Statistics, and Operations Research, enabling students to excel in both pure and applied fields.

Department of Physics

The Department of Physics at Manipal University Jaipur, under the School of Physical and Biological Sciences, was established in 2011 with a vision to provide excellence in higher education and pursue research in state-of-the-art areas of pure, applied, and interdisciplinary science. The department has 25 highly qualified faculty members from globally recognized institutions with rich teaching experience and significant research contributions. It hosts research projects sponsored by SERB, DST, UGC, DAE, and DST Rajasthan.





About the Program

Bachelor of Science (Honours with Research)-Physics/ Chemistry/ Mathematics from Manipal University Jaipur is a dual degree undergraduate program in collaboration with The University of Melbourne, Australia.

The main objectives of this program are:

1. Provide a rigorous and interdisciplinary foundation in fundamental sciences strengthened by essential concepts from Physics, Mathematics, Chemistry, and Biology.
2. Develop analytical thinking, scientific curiosity, and problem-solving skills through application-oriented learning.
3. Cultivate strong research capabilities by engaging students in a globally integrated curriculum in collaboration with The University of Melbourne.

Key Highlights of the Program

- **Global Exposure:** Study 2 years at Manipal University Jaipur and 2 years at The University of Melbourne for international academic experience.
- **Interdisciplinary Foundation:** Blend of Physics, Chemistry, Biology, and Mathematics.
- **Future-Ready Curriculum:** Designed for holistic development and cutting-edge scientific skills.
- **Research Focus:** Emphasis on Scientific Writing, Computation, Seminars and Research Projects.
- **Career Pathways:** Prepares for research, academia, and science-related careers.
- **UoM Transition:** Advanced specialization and Honours Research in Melbourne.
- **Specialization Options:** Tailor studies to personal interests and career goals by having variety of Breadth and Science Electives at UoM
- **World-Class Facilities:** Access to advanced labs and experiential learning.

Program Relevance

1. Addresses Global Skill Gaps:

Meets the rising demand for scientists with strong analytical, computational, and interdisciplinary skills across Physics, Mathematics, Chemistry, and Biology.

2. Research-Oriented Skill Development:

Builds capabilities in scientific writing, experimentation, computation, and project-based research-skills essential for academia and industry R&D.

3. Domain-Specific Learning:

The program will introduce contemporary topics in the relevant subject area, provide hands-on experience through experiments, and includes research projects, interactive sessions, and knowledge-transfer activities through workshops, seminars, and specialized training programs.

Program Specific Outcomes

- PSO1: Apply core principles of allied sciences to analyze, model, and solve scientific problems using theoretical, experimental, and computational methods.
- PSO2: Design and execute laboratory experiments and simulations and interpret results using accepted scientific practices.
- PSO3: Demonstrate effective scientific communication skills, suitable for national and international academic settings.
- PSO4: Engage in independent and collaborative research activities, contributing to systematic knowledge development.
- PSO5: Exhibit professional ethics, adaptability, and lifelong learning abilities required for global careers in science, research, and technology-oriented environments.





Advantages at MUJ

- Opportunity to go abroad for higher studies.
- Significant cost savings during the initial 2 years of study.
- Stronger preparation for a global career with enhanced research skills and international exposure.

Research Strengths & State-of-the-Art Facilities:

- Adept faculty with strong teaching and research experience, collaborating with eminent scientists worldwide; many are IIT/CSIR/NIT alumni with strong research profiles.
- Thrust areas: Materials Science (including Bio-Nanomaterials & Nanotechnology), Quantum Sciences, Supramolecular Chemistry, Biomaterials, Artificial Molecular Catalysis, Solar Sensitizer Dyes, and Computational & Theoretical Research.
- State-of-the-art laboratories for synthesis and characterization of advanced nanomaterials.
- Major facilities include High-Precision Hall Measurement System and Surface Plasmon Resonance (SPR) system for plasmonic studies.
- Advanced characterization instruments: FESEM, XRD, UV-Visible Spectroscopy, Photoluminescence (PL), TGA, FTIR, and GC-MS.
- Fully equipped research labs with high-end instrumentation.
- UG and PG student publications in high-impact journals.
- Software facilities: SPSS, AMOS, MAPLE, Mathematica, and Statcraft.



Career Opportunities:

This program opens doors to following career roles:

Higher Studies:

Master's/PhD in top global universities.

Industry:

Leading companies like Thermo Fisher, Pfizer, Merck, Google, Microsoft, TCS, Infosys, ONGC, etc.

Research:

Internships and roles in global universities, & Research Centers.

Government:

DRDO, ISRO, BARC, IITs/NITs, central & state, universities.



National and International Collaborations

MUJ has signed over 100 MOUs with Academic Institutions & Industries to provide its students international exposure and job opportunities at global level.

Eligibility

The candidate must have passed 10+2 or A level or IB with science (preferably with mathematics), with minimum 60% marks in aggregate.

Scholarships

- TMA Pai Merit Scholarships
- Rajasthan Merit Scholarships
- Financial Assistance for Sibling(s)
- Scholarship for “Differently-abled” Students
- Scholarships for wards of Martyrs of Defence Personnel / Para Military Forces
- Scholarships for the wards of Single Mother & Orphan Child
- Scholarships for Sports Persons
- Scholarships for students of Higher Semesters

Fee structure

Indian national:

1 st Year			2 nd Year	3 rd Year	4 th Year
Registration Fee	Caution Deposit	Tuition Fee			
₹10,000	---	₹2,40,000	₹2,40,000	AUD\$ 111,602-\$142,979*	

Foreign Nationals/NRI/NRI sponsored/PIO (USD):

1 st Year			2 nd Year	3 rd Year	4 th Year
Registration Fee	Caution Deposit	Tuition Fee			
USD \$300	---	USD \$5300	USD \$5300	AUD\$ 111,602-\$142,979*	

*For further details regarding The University of Melbourne fee:

<https://study.unimelb.edu.au/find/courses/honours/bachelor-of-science-advanced-honours/fees/#fees>

About The University of Melbourne

Established in 1853, The University of Melbourne is one of Australia's leading research-intensive universities and is globally recognized for academic excellence, innovation, and industry engagement. Located in Melbourne, consistently ranked among the world's most liveable cities, the university provides a vibrant, multicultural academic environment.

The University is a member of Australia's prestigious Group of Eight (Go8) and is known for its strong research output, world-class faculty, and state-of-the-art laboratories and research facilities. It consistently ranks among the top universities globally and has produced distinguished alumni, including Nobel Laureates, leading scientists, policymakers, and industry leaders.

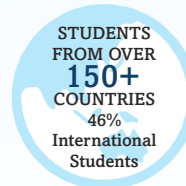
Graduate Employability

 8th Rank in Graduate Employability Worldwide

 97% Undergraduates in work
89% Graduates in work

 Over 250 organisations are actively recruiting on campus each year

 1600+ Student internship partners




53,000+
CURRENT
STUDENTS

 OVER 100
RESEARCH
CENTRES &
INSTITUTES


9
NOBEL PRIZE
WINNERS


Located in the world's
5th best student city



Why Choose this program ?

The Bachelor of Science Advanced (Honours) is a step towards dream careers in Science, Technology, Engineering or Health. Students graduate with the breadth, depth and experience needed to join the workforce or continue on to graduate study.

At the University of Melbourne, students can choose from wide range of Science majors and breadth subjects. Breadth subjects are subjects offered to students outside of their home faculty, in this case: outside of the Faculty of Science.

The University of Melbourne is Australia's number one university and a world leader in education, teaching and research. Source: Quacquarelli Symonds (QS), Times Higher Education (THE) and Academic Ranking of World Universities (ARWU)

The Bachelor of Science Advanced (Honours) is taught at our Parkville campus, right next to Melbourne city's centre. Students have easy access to everything the city offers, along with a close and supportive community on campus.

Available Majors at The University of Melbourne

Agricultural Science	Animal Health and Disease	Biochemistry and Molecular Biology	Biotechnology	Cell and Development Biology	Chemistry
Climate and Weather	Data Science	Ecology	Ecosystem Management and Conservation specialisation	Urban Horticulture specialisation	Food Science
Genetics	Geography	Geoscience	Immunology	Infection & immunity	Microbiology
Neuroscience	Chemical Physics	Physics	Plant Science		

Admission Process



Application form initiated through our website

admissions.jaipur.manipal.edu



Applicants must submit a completed application form with relevant documents within the due date.



Our counsellors will guide candidates through the admission process, which is as per regulatory requirements.



Please visit the FAQ section on our website to know more about the admission process.

Admission Team Contact Details

☎ 1800 1020 128

Hostel Details



Course Structure



For Admission
Scan this QR Code



MANIPAL UNIVERSITY
JAIPUR
(University Under Section 2(f) of the UGC Act)

📍 Dehmi Kalan, Jaipur-Ajmer Expressway, Jaipur, Rajasthan - 303007

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🌐 jaipur.manipal.edu | ☎ 1800 1020 128



For Virtual Tour
Scan this QR Code