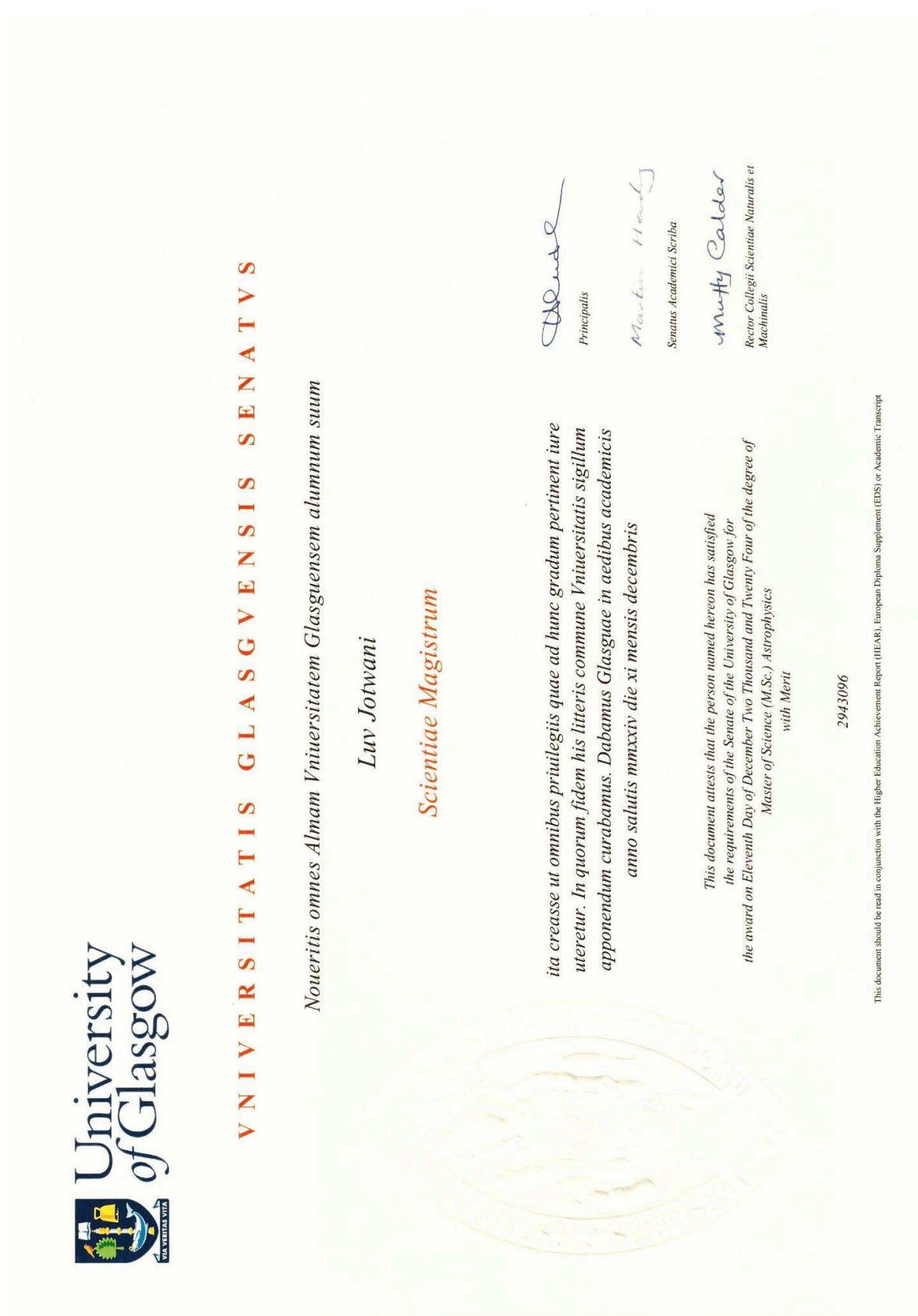


Diploma and transcript for the Master's Programme at the University of Glasgow can be seen below:



Higher Education Achievement Report

(incorporating European Diploma Supplement)



University
of Glasgow

1 Personal Information

Family Name(s)	Jotwani
Given Name(s)	Luv
Date of Birth	30/04/2003
Student ID	2943096
HESA ID	

2 Qualification Achieved

Name of Qualification	Master of Science
Date of Completion <i>(The date at which a Board of Examiners confirms the result)</i>	10/10/2024
Award Date <i>(The date on which the award is conferred)</i>	11/12/2024
Classification	With Merit
Endorsements	None
Main Fields of Study	Astrophysics
Awarding Institution	University of Glasgow
Language of Institution	English
Language of Instruction and Assessment	English

3 Qualification Level

Level of Qualification	PGT Masters
National Qualification Framework Level	Level 11
Length of Programme (normally)	12 Months
Access Requirements	<p>The University's prospectus provides an indication of current entry requirements for this degree or award, see: http://www.gla.ac.uk/prospectuses/undergraduate/ http://www.gla.ac.uk/prospectuses/postgraduate/ http://www.gla.ac.uk/research/opportunities/ Information on entry requirements for previous awards is available from the Recruitment & International Office, for contact details see: http://www.gla.ac.uk/services/rio/</p>

4 Mode of study, Programme requirements and results gained

4a Mode and location of study

Academic Year 2023-24	Full-Time - University of Glasgow
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4b/c Programme Requirements/Specification

<p>Details of Programme requirements and specifications can be found at the following link: http://www.gla.ac.uk/services/senateoffice/programmesearch/ - please note that, in the case of exit awards, your search should be conducted using the original degree programme, as exit awards do not have their own specification documents. Programme specifications are published annually, please refer to the document published in the final session of study - see 4a above. Programme Specifications are not available for research degrees</p>
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Higher Education Achievement Report

(incorporating European Diploma Supplement)



University
of Glasgow

4d Record of Learning and Achievement

Academic Year 2023-24

Programme	Main Field(s) of Study	Course	Description	Level	Credits	ECTS Credits	Grade	Grade Points
Master of Science	Astrophysics							
ASTRO	5003	Statistical Astronomy		11	15	7.5	B1	17
ASTRO	5004	Plasma Theory and Diagnostics		11	15	7.5	C3	12
ASTRO	5010	The Sun's Atmosphere		11	10	5	A3	20
EDUC	1088	Academic Writing Skills Programme		7	-	-	CP	-
PHYS	4008	Honours Computational Physics Laboratory		10	20	10	B1	17
PHYS	4012	Mathematical Methods 2		10	10	5	A1	22
PHYS	5001	Advanced Data Analysis For Physics And Astronomy		11	10	5	B3	15
PHYS	5006	Gravitational Wave Detection		11	10	5	A4	19
PHYS	5015	Research Skills		11	10	5	B2	16
PHYS	5016	Statistical Mechanics		11	10	5	B3	15
PHYS	5021P	MSc Project		11	60	30	A5	18
PHYS	5035	Imaging and Detectors		11	10	5	D1	11

5 Qualification - Function and Access to Further Study

This qualification may allow access to further study (at SCQF Level 11 or 12) subject to the individual requirements of the institution concerned.

The following professional bodies or institutions have accredited this qualification:

Astrophysics, MSc
Institute of Physics
<http://www.iop.org>

6 Additional Achievements

Students at the University of Glasgow have the opportunity to engage in extra-curricular activities which may contribute to the life of the University and the wider community as well as to their own personal and professional development. The achievements reported here have been verified by the University of Glasgow.

Formal verified records of additional achievements were first collected for academic session 2011-12. Achievements prior to this will not show here.

None Verified

7 Certification

Date of Transcript	28/10/2024
Authentication	<i>David Beaton</i>
Capacity	Head of the Registry

**GUIDE TO UNIVERSITY OF GLASGOW
HIGHER EDUCATION ACHIEVEMENT REPORT
(INCORPORATING EUROPEAN DIPLOMA SUPPLEMENT)
UNDERGRADUATE AND TAUGHT POSTGRADUATE RESULTS**

CODE OF ASSESSMENT SCHEDULE A COURSES¹

CODE	PRIMARY GRADE	SECONDARY BAND	GLOSS
A1	A	1	Excellent
A2	A	2	Excellent
A3	A	3	Excellent
A4	A	4	Excellent
A5	A	5	Excellent
B1	B	1	Very Good
B2	B	2	Very Good
B3	B	3	Very Good
C1	C	1	Good
C2	C	2	Good
C3	C	3	Good
D1	D	1	Satisfactory
D2	D	2	Satisfactory
D3	D	3	Satisfactory
E1	E	1	Weak
E2	E	2	Weak
E3	E	3	Weak
F1	F	1	Poor
F2	F	2	Poor
F3	F	3	Poor
G1	G	1	Very Poor
G2	G	2	Very Poor
H	H		

In the case of non-honours courses where schools do not hold records both of primary and secondary bands results may appear in the form A, B, C etc.

CODE OF ASSESSMENT SCHEDULE B COURSES¹

CODE	PRIMARY GRADE	DESCRIPTION
A0	A	Excellent
B0	B	Very Good
C0	C	Good
D0	D	Satisfactory
E0	E	Weak
F0	F	Poor
G0	G	Very Poor
H	H	

Some courses in the subjects of Education, Medicine, Dentistry, Nursing and Veterinary Medicine are assessed in terms of Professional Practice Competencies under Schedule B.

¹University Regulations, University Fees and General Information for Students, Section 16

Diploma and transcript for the Bachelor's Programme at the University of Dundee can be seen below:



University of Dundee

In exercise of powers granted by Royal Charter
and with the authority of the Senatus Academicus
the University of Dundee has conferred the

Degree of Bachelor of Science

Physics with Astrophysics
Upper Second Class Honours

Luv Jotwani

Date of Award 23 June 2023



92781D8309A6673B30826C2156B7E4D2
00068122

Principal and Vice-Chancellor

Secretary



Final Academic Transcript

Luv Jotwani

Date of Birth : 30/Apr/2003 Programme of Study : Bachelor of Science
 University Reference : 2439692/1 School : School of Science and Engineering
 HESA Reference : 2011724396926 Intended Award : Bachelor of Science (Honours)
 Degree Route : Physics WITH Astrophysics
 Degree Classification : Upper Second Class Honours
 Date of Award conferred : 23/Jun/2023

Academic Summary

Academic Year		Module	Level	Attempt	Mark/Grade	Descriptor	Credits
2020/1	EG21007	Introduction to Programming	2	1	A1	EX	20
	EG22009	Electronics and Instrumentation	2	1	A2	EX	20
	MA21001	Mathematics 2A	2	1	A3	EX	20
	PH21001	Electromagnetism and Light	2	1	B3	VG	20
	PH22001	Classical and Quantum Matter and Radiation	2	1	A4	EX	20
	PH22002	Mathematics & Mechanics	2	1	A2	EX	20
	SD20001	Personal Development Planning	2	1	P	P	5
Progression : Pass Proceed							125
2021/2	EG31002	Mathematical Methods for Electronic Engineering and Physics	3	1	B3	VG	15
	PH31005	Quantum Mechanics I	3	1	A5	EX	15
	PH31007	Electrodynamics I	3	1	C1	G	15
	PH32008	Quantum Mechanics II - Atoms and Molecules	3	1	B3	VG	15
	PH32009	Thermal Physics I	3	1	D1	S	15
	PH32010	Computational Astrophysics I	3	1	A5	EX	15
	PH32016	Experimental and Professional Astrophysics II	3	1	B2	VG	15
	PH41009	Galaxies and The Universe	4	1	B1	VG	15
	Progression : Pass Proceed						
2022/3	MA41006	Mathematics of Fluids and Plasmas 1: Fluid Dynamics	4	1	A5	EX	15
	MA42007	Mathematics of Fluids and Plasmas 2: MHD and the Sun	4	1	B2	VG	15
	PH40006	Physics Project (BSc)	4	1	B1	VG	30
	PH41005	Optics and Photonics I	4	1	A4	EX	15
	PH41008	Stars and Planetary Systems	4	1	B2	VG	15
	PH42006	Nuclear and Particle Physics	4	1	C1	G	15
	PH42008	Classical Mechanics and Relativity	4	1	C1	G	15

For Details of Assessment Scales please visit <http://www.dundee.ac.uk/registry/exams/assessment-scales/>

To check the validity of this Transcript, call 01382 385390 and quote reference number 2439692/1

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Final Academic Transcript



University
of Dundee

Exemption Credit:

RPL1 : Level 1: credits awarded for prior learning - 120 credits : Grade - not applicable

Signed on behalf of the University of Dundee :

Dawn Tindal

Date : June 13, 2023

***** End of Transcript *****

For Details of Assessment Scales please visit <http://www.dundee.ac.uk/registry/exams/assessment-scales/>

To check the validity of this Transcript, call 01382 385390 and quote reference number 2439692/1

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00126295

Final Academic Transcript



University
of Dundee

Module Credits : 365

Exemption Credits : 120

(For details of Exemption credits, please see next page)

Total Credits : 485

For Details of Assessment Scales please visit <http://www.dundee.ac.uk/registry/exams/assessment-scales/>

To check the validity of this Transcript, call 01382 385390 and quote reference number 2439692/1

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