



Section/Module Marks: Ryan John McCall Laird (continued)

year	module	title	mark%	credits	quartile
3	cont15	Quantum Mechanics	93	4.4	***
3	exama15	Quantum Mechanics	73	4.2	***
3	examb15	Quantum Mechanics	40	6.3	**
3	cont16	Atoms and Nuclei	43	2.2	**
3	exama16	Atoms and Nuclei	57	4.2	****
3	examb16	Atoms and Nuclei	62	6.3	***
3	opt/371	Advanced Vector Calculus	62	7.5	**

Skills Profile: Ryan John McCall Laird

type	description	mark%	credits	quartile
attendance	Commitment	100	0	****
professional	Mastery of subject	74	138	****
professional	Application of concepts and techniques	63	82.3	****
professional	Critical examination of issues	76	1.5	****
professional	Presentation	69	9.5	****
professional	Critical appraisal and insight	72	11.5	****
professional	Laboratory work	69	9.9	***
transferable	Written communication	79	7.1	****
transferable	Information technology	89	4.7	****
transferable	Numeracy	83	6.3	****
transferable	Team/group working	81	0.2	****
transferable	Problem solving	77	6.8	****
expertise	Physics	68	107.4	****
expertise	Astrophysics	83	32.5	****
expertise	Space Science	68	17.5	****
expertise	Planetary Science	72	2.5	***
expertise	Computing and Electronics	76	8.5	****
expertise	Mathematics	68	35.4	****

Personal Development Plan

Tutor's comments:

Student's comments:

UNIVERSITY OF LEICESTER

CONFIRMATION OF MODULE REGISTRATION 2008/9

Name and Home Address:

Ryan John McCall LAIRD
23 The Meadows
Skegness
Lincolnshire
PE25 2JA

Student No: 050392380

Programme of Study:

Physics with Astrophysics MPhys 4

Modules to be Studied

Module Title	Semester	Credits
PA4440 Physics Advanced Study Topic	SEM2	20
PA4480 Advanced Core Physics	SEM2	15
PA4600 Speciality Options 4	Y	30
PA4630 Physics Electives 6	SEM1	15
PA4970 Specialist Research Project	Y	30
PA4980 Physics Special Topics	SEM1	10
Total		120

Date Form Printed 26/Aug/2008

Note:

You are registered for the above-modules. Your total number of credits should equal 120. If they do not you should consult your home department when you return to the University in September. You have two weeks from the start of the relevant semester to inform the Registry of any changes. Failure to notify the Registry of any amendments may result in a fine. Please retain this form.



Section/Module Marks: Ryan John McCall Laird

year	module	title	mark%	credits	quartile
1	PA1110	Dynamics	80	15	****
1	PA1120	Light and Matter	50	15	**
1	PA1130	Electricity and Magnetism	69	15	****
1	PA1140	Atoms and Quanta	62	15	****
1	opt/1601	Observational Astronomy	90	2.5	****
1	opt/1602	The Sun and Stars	64	2.5	****
1	opt/1603	Planetary Exploration	72	2.5	***
1	opt/1604	Terrestrial Planets	41	2.5	***
1	opt/1902	Astrophysical Techniques 1	90	5	****
1	PA1600	Level 1 Speciality Options	74	15	****
1	PA1710	Mathematical Physics 1	62	15	****
1	PA1720	Mathematical Physics 2	79	15	****
1	expt3	Electric Fields: Mapping and Measurement	27	1	*
1	expt12	Gyroscopic Motion	67	1	****
1	expt13	Charge to mass ratio of the Electron	33	1	*
1	pbl01	PBL Crosswinds	62	2	****
1	pbl02	PBL AC theory	77	2	****
1	pbl03	PBL Optics	72	2	***
1	prog1	Introduction to programming	60	1	***
1	essays1	Tutorial essays	75	1	***
1	reports1	Formal Reports	72	4	****
1	PA1900	Laboratory Physics 1	65	15	****
1		Level 1	68	120	****
1		Level 2 advancement	74	22.5	****
2	opt/212	Relativity and Particles	75	7.5	***
2	opt/213	Vectors and Applications	76	7.2	****
2	PA2710	Level 2 Mathematics 1	91	15	****
2	opt/215	Mathematical Methods	70	7.5	****
2	opt/214	Waves and Fields	55	6.6	***
2	PA2720	Level 2 Mathematics 2	69	15	****
2	PA2230	Condensed Matter	56	15	***
2	PA2240	Electromagnetic Fields	91	15	****
2	opt/2601	Life cycles of Stars	90	7.5	****
2	opt/2602	Galaxies and the Universe	85	7.5	****
2	opt/2603	Jovian Planets and Moons	64	7.5	****
2	opt/2604	Planetary Remote Sensing	80	7.5	****
2	PA2600	Level 2 Speciality Options	80	30	****
2	exptC1	Coaxial Cable	81	1.5	****
2	exptC3	Zeeman Effect	76	1.5	****
2	pbl1	PBL Light Emitting Diodes	70	3	***
2	pbl2	PBL Reflection from Dielectrics	70	3	***
2	reports2	Formal Report	86	6	****
2	PA2900	Laboratory Physics 2	78	15	****
2	prog2	Procedural Programming	76	2.5	****
2	aelec	Analogue Electronics	57	2.5	**
2	prog3	Programming Assignment	100	2.5	****
2	opt/2902	Astrophysical Techniques 2	72	7.5	****
2	PA2930	Computing Electronics GReP	75	15	****
2		Level 2	77	120	****
2		Level 3 advancement	60	37.5	**

28 July 2009

Mr RJM Laird
23 The Meadows
Skegness
Lincolnshire
PE25 2JA

Dear Mr Laird

I am pleased to confirm that you have now met all conditions attached to your offer of a place.

Application number: 29012153/1
Programme: Doctor of Philosophy in Physics by research and thesis
Registration dates: Monday 28th September 2009 to 12th September 2012
Campus: Canterbury
Department: School of Physical Sciences
Mode of study: Full-time
Tuition fees status: Home

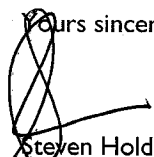
Registration details will be sent to you in mid August.

Please note the University will need to see the originals of the documents you used to gain admission before you can be fully registered as a student at this University. The documents should be brought with you to registration. If you do not provide the original documents you will be given provisional registration and a final date by which the documents must be provided. Failure to complete registration by the given deadline may result in you being withdrawn from the University and the facilities on your student card being cancelled.

If you have any further administrative queries please contact the Information, Recruitment and Admissions Office, email admissionspg@kent.ac.uk or telephone 01227 824123.

If you have any queries regarding your course please contact the School of Physical Sciences on 01227 764000.

Yours sincerely



Steven Holdcroft
Head of Information, Recruitment and Admissions Office

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The Registry
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Kent CT2 7NZ
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☐ **Medway**
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☐ **Tonbridge**
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United Kingdom
T: +44 (0)1732 352316

☐ **Brussels**
Boulevard de la Plaine 5
1050 Brussels
Belgium
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00015797



Registry

Academic Office
University Road
Leicester LE1 7RH
Tel: 0116 252 2448/2292
Fax: 0116 252 2447
Email: registry@le.ac.uk

**CERTIFICATE OF REGISTRATION
FOR THE ACADEMIC YEAR
2005/2006**

This is to certify that

Ryan John McCall Laird

is enrolled with the University of Leicester during the academic year 2005/2006 for the purpose of attending a full time course of education. The date the student first registered with the University is:

3 October 2005

And it is expected that the student will cease education here on:

26 June 2009

The standard dates of term for the 2005/2006 academic year are:

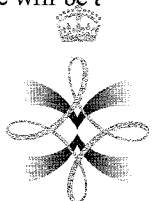
3 October to 16 December
16 January to 31 March
8 May to 30 June

Signed:

Julia Mann

Assistant Registrar

NOTE: You must retain this form for the duration of this academic year. If you require a replacement there will be a charge of £2.00



THE QUEEN'S
ANNIVERSARY PRIZES
1994 & 2002

SH/29012153/1

17 August, 2009

Mr RJM Laird
23 The Meadows
Skegness
Lincolnshire
PE25 2JA

Dear Mr Laird

Welcome to the University of Kent!

This is to confirm that you are holding an offer of a place for the following programme at the University of Kent:

Degree Programme:	Doctor of Philosophy in Physics
Campus:	Canterbury
Mode of Study:	Full-time
Department:	School of Physical Sciences
Faculty:	Faculty of Science, Technology and Medical Studies
Fee Status:	Home

The enclosed 'Getting Started at Kent' booklet has vital information for the beginning of term and includes important information that you **must read** and act upon in order that your registration can be completed successfully without delay.

Online Enrolment

All new students must complete the online enrolment procedure by following the instructions given in the enclosed booklet and logging on to the web address indicated below. This will assist us to speed up the registration process when you arrive. In order to access the online enrolment system you will be prompted for your Kent ID number, given below, and your date of birth.

Online Enrolment Web address: <http://www.kent.ac.uk/gettingstarted>
Your Kent ID number: **09909310**

You are required to provide a photograph for your student ID Card; this can be sent in either **.jpg electronic format**, when prompted to do so by the enrolment system, or emailed to gettingstarted@kent.ac.uk. In order to collect your student ID card you will need to provide independent photographic proof of your identification preferably by a valid passport. A photograph-type driving licence is also acceptable for UK students. If you are unable to provide one of these documents please e-mail gettingstarted@kent.ac.uk for advice.

Continued overleaf...

☐ **Canterbury**
The Registry
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Kent CT2 7NZ
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T: +32 2 641 1721





University of Leicester

Name of Student *Ryan John McCall Laird* Date of Birth *18/May/1987*
University Reference *050392380* HESA Reference *0000050392380*

Qualification *Master Of Physics*
Programme of Study *Physics with Astrophysics MPhys*
Degree Classification *Second Class Honours (Upper Division)*
Date of Award *03 July 2009*

Full Academic Transcript

2005/6 Physics UG

	Mark	Grade	Credit
PA1110 DYNAMICS	80	P	15
PA1120 LIGHT AND MATTER	50	P	15
PA1130 ELECTRICITY AND MAGNETISM	69	P	15
PA1140 ATOMS AND QUANTA	62	P	15
PA1600 PHYSICS SPECIALITY 1	74	P	15
PA1710 MATHEMATICAL PHYSICS 1	62	P	15
PA1720 MATHEMATICAL PHYSICS 2	79	P	15
PA1900 LABORATORY PHYSICS	65	P	15

2006/7 Physics UG

	Mark	Grade	Credit
PA2230 CONDENSED MATTER	56	P	15
PA2240 ELECTROMAGNETIC FIELDS	91	P	15
PA2610 PHYSICS SPECIALITY 2.1	80	P	15
PA2620 PHYSICS SPECIALTY 2.2	80	P	15
PA2710 MATHEMATICAL PHYSICS 2.1	91	P	15
PA2720 MATHEMATICAL PHYSICS 2.2	69	P	15
PA2900 LABORATORY PHYSICS	78	P	15
PA2930 WORKSHOPS AND PROJECTS	75	P	15

2007/8 Physics UG

	Mark	Grade	Credit
PA3210 QUANTUM MECHANICS	78	P	15
PA3220 ATOMS AND NUCLEI	66	P	15
PA3610 SPECIALITY OPTIONS 3.1	71	P	15
PA3620 SPECIALITY OPTIONS 3.2	71	P	15
PA3652 PHYSICS ELECTIVES A (MPHYS)	71	P	15
PA3830 PHYSICS CHALLENGE	66	P	15
PA3900 WORKSHOPS AND PROJECTS 3	60	P	30

2008/9 Physics UG

	Mark	Grade	Credit
PA4440 PHYSICS ADVANCED STUDY TOPIC	54	P	20
PA4480 ADVANCED CORE PHYSICS	71	P	15
PA4600 SPECIALITY OPTIONS 4	46	P	30
PA4630 PHYSICS ELECTIVES 6	58	P	15
PA4970 SPECIALIST RESEARCH PROJECT	65	P	30
PA4980 PHYSICS SPECIAL TOPICS	72	P	10

Teaching Institution *University of Leicester*
Awarding Institution *University of Leicester*
Languages of Instruction *English*
Date of Issue *14 August 2009*

An original transcript will have a coloured University of Leicester logo and an official, embossed stamp at the top of the document.