



UNIVERSITY
of York

Physics



2021/22 entry



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96%

OVERALL SATISFACTION FOR PHYSICS

NATIONAL STUDENT SURVEY 2019



Welcome to the Department of Physics

Physics is the most fundamental of the sciences. Its discoveries are at the core of everything in today's world from medicine to power stations, and it is now pushing boundaries in areas such as quantum computers and nuclear fusion.

At York, you'll be taught by researchers who are applying pure physics to big societal challenges, like climate change and public health. They'll teach you to analyse complex situations and propose real-world solutions, culminating in your final-year project where you'll work with one of our innovative research groups.

With active student societies, comfortable break-out spaces and academics who are always happy to be approached, you'll feel at home in our friendly learning environment. You'll benefit from regular supervision and small-group teaching in modern, well-equipped labs and facilities.

All of this will train you not only in the fundamental workings of the universe but also prepare you for life beyond university. Through close links with industry and professional training built into our curriculum, we'll equip you with the knowledge and skills needed to excel in your chosen career.



WHAT OUR GRADUATES DO

Recent graduate employment examples include:

- laser scientist
- patent attorney
- trainee medical physicist
- metallurgist
- project manager
- nuclear graduate trainee

for a wide range of employers, such as:

- Cavendish Nuclear
- PwC
- Jaguar Land Rover
- NHS
- Qinetiq
- EDF Energy

A friendly academic community

We pride ourselves on creating an environment in which you can grow academically and socially. You'll benefit from our distinctive teaching approach of small group tutorials, practical and problem-solving classes, regular supervision meetings and an open door policy with academic staff. As a result, you'll have the confidence to share your insights and develop a deeper understanding of your subject.

You'll learn through a blend of modern technology-based and traditional face-to-face approaches, from academics who are committed to high quality teaching. Apart from investment in teaching facilities, you'll benefit from new study and social spaces in our dedicated Physics building.

We're equally proud of our active and engaged student body. You'll have an active voice through your elected student representatives. On the social side, we host the student-run PhysSoc and AstroSoc with regular social events, lectures and visits.

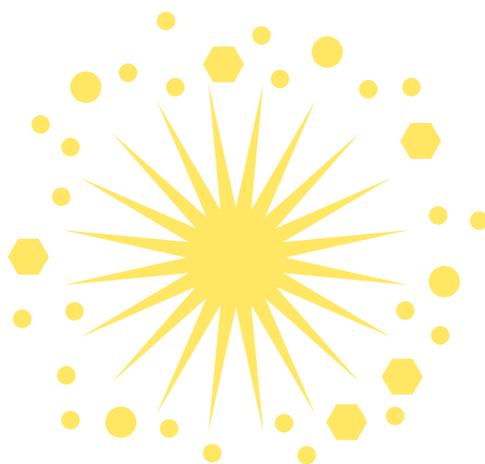
Dedicated careers support

We will support you in recognising your abilities, talents and extensive skills to make informed choices and plan your career path. Our dedicated Department careers team delivers a range of activities and workshops designed to enhance your employability options. These include:

- application writing
- employability plans
- career preparation workshops
- enhancing your options workshops
- physics careers fairs
- career development activities
- interview training
- leadership and teamwork activities.

Find out more at:

york.ac.uk/physics/undergraduate/careers



Final year research project

During your final year you'll plan and execute an individual (MPhys) or collaborative (BSc) major research project, guided by an academic supervisor. This is an exciting opportunity to contribute to original work within one of our innovative research groups in areas such as advanced plasma, nuclear and computational physics, material physics, biophysics or quantum information.

Your project will build upon expertise you've gained through your studies. It will help you develop your ability to design, carry out and report on an extended investigation, with the opportunity to explore creative and original concepts.

You'll deliver a presentation and poster on your findings at our annual end-of-year conference. As a result, you'll develop constructive communication skills in delivering physics concepts to a general audience.

Past final year projects have included:

- Geant Monte-Carlo Simulations for the Electrons Detection System at ISOLDE (CERN)
- Practical Radio Astronomy
- Tight-Binding Studies of Graphene Nanoribbons for Mobile Device Applications
- Low Temperature Plasma Induced CO₂ Conversion for Green Chemistry
- Light, Atoms and Losses: Recipe for Quantum State Engineering
- Origins of Life in Clay Minerals
- Knowledge in Context - Exploring the Concept of Truth in Physics and Philosophy

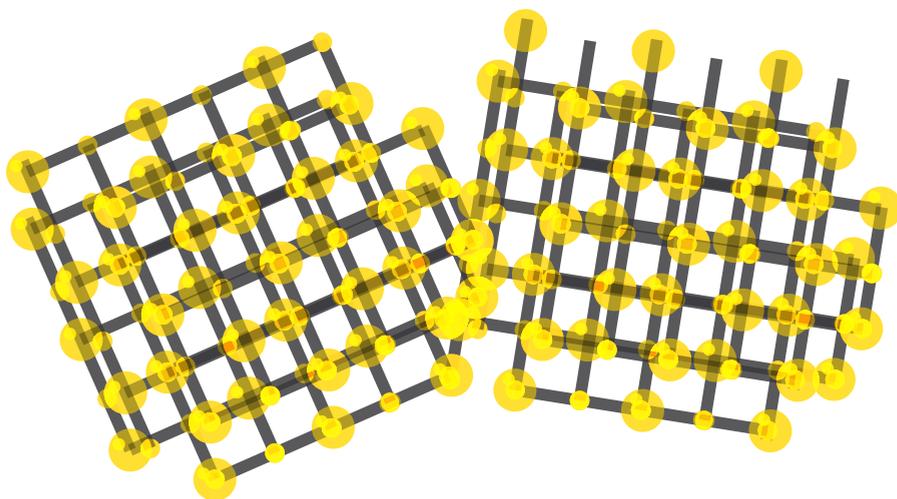


Our courses

| | Qualification | UCAS Code |
|---|-------------------------------|-----------|
| Physics | BSc (Hons) | F300 |
| Physics with a year in industry (4 year) | BSc (Hons) | F301 |
| Physics with a year abroad (4 year) | BSc (Hons) | F302 |
| Physics (4 year) | MPhys (Hons) | F303 |
| Physics with a year in industry (5 year) | MPhys (Hons) | F306 |
| Physics with a year abroad (5 year) | MPhys (Hons) | F305 |
| Physics with Astrophysics | BSc (Hons) | F3F5 |
| Physics with Astrophysics with a year in industry (4 year) | BSc (Hons) | F3F6 |
| Physics with Astrophysics with a year abroad (4 year) | BSc (Hons) | F3F7 |
| Physics with Astrophysics (4 year) | MPhys (Hons) | F3FN |
| Physics with Astrophysics with a year in industry (5 year) | MPhys (Hons) | F3F9 |
| Physics with Astrophysics with a year abroad (5 year) | MPhys (Hons) | F3F8 |
| Theoretical Physics | BSc (Hons) | F345 |
| Theoretical Physics with a year in industry (4 year) | BSc (Hons) | F344 |
| Theoretical Physics with a year abroad (4 year) | BSc (Hons) | F347 |
| Theoretical Physics (4 year) | MPhys (Hons) | F346 |
| Theoretical Physics with a year in industry (5 year) | MPhys (Hons) | F349 |
| Theoretical Physics with a year abroad (5 year) | MPhys (Hons) | F348 |
| Physics with Philosophy | BSc (Hons) | F3V5 |
| Physics with Philosophy with a year abroad (4 year) | BSc (Hons) | F3V7 |
| Physics with Philosophy (4 year) | MPhys (Hons) | F3VM |
| Mathematics and Physics | BSc (Hons) | GF13 |
| Mathematics and Physics with a year in Europe (4 year) | BSc (Hons) | GFD3 |
| Mathematics and Physics (4 year) | MMath (Hons)/ MPhys (Hons) | GFC3 |
| Physics with a Foundation Year (4/5 year) | BSc (Hons) | F304 |
| Physics via OpenPlus (4/5/6 year) | BSc (Hons) | |

Courses are three years unless stated otherwise.

For the most up-to-date list of modules see our website: york.ac.uk



Integrated Masters (MPhys)

Our four-year integrated Masters is available for all degree courses. It offers an additional year of specialist modules and an in-depth project aligned with our internationally recognised research groups.

Summer placements

If you join us with an A* in Mathematics or Physics A levels or equivalent and maintain academic excellence, you may also qualify for a paid summer placement with one of our research groups.

Find out more: york.ac.uk/physics/undergraduate/scholarships



ALL OF OUR DEGREE COURSES ARE ACCREDITED
BY THE INSTITUTE OF PHYSICS

Physics BSc (Hons)/MPhys (Hons)

Tackle the fundamental forces of nature and gain valuable, transferable scientific knowledge and skills. All our courses start with a solid background in core physics and maths. You will go on to explore your interests through our advanced specialised options aligned with our cutting-edge research programme and undertake a project that contributes to original research. You'll learn key skills like how to observe and investigate, design and perform intricate experiments, as well as write industry-standard reports and communicate complex concepts.

BSc york.ac.uk/ucas/F300 | **BSc with a year in industry** york.ac.uk/ucas/F301

BSc with a year abroad york.ac.uk/ucas/F302 | **MPhys** york.ac.uk/ucas/F303

MPhys with a year in industry york.ac.uk/ucas/F306 | **MPhys with a year abroad** york.ac.uk/ucas/F305

Physics with Astrophysics BSc (Hons)/MPhys (Hons)

Probe the skies and discover the wonders of the universe. You'll apply core physics and maths to the study of stars, dark matter, dark energy and cosmology, with a special focus on theoretical and experimental astrophysics. Access to optical, solar and radio telescopes at our on-site Astrocampus will support your own in-depth study and understanding of the cosmos.

BSc york.ac.uk/ucas/F3F5 | **BSc with a year in industry** york.ac.uk/ucas/F3F6

BSc with a year abroad york.ac.uk/ucas/F3F7 | **MPhys** york.ac.uk/ucas/F3FN

MPhys with a year in industry york.ac.uk/ucas/F3F9 | **MPhys with a year abroad** york.ac.uk/ucas/F3F8

Theoretical Physics BSc (Hons)/MPhys (Hons)

Use the power of modern supercomputers to explore and explain complex physical phenomena. In addition to traditional core mathematical techniques and theoretical physics, you'll develop substantial practical computing skills. Progressing through your studies you'll benefit from our academics' wide range of research areas such as plasma physics, condensed matter physics and biophysics.

BSc york.ac.uk/ucas/F345 | **BSc with a year in industry** york.ac.uk/ucas/F344

BSc with a year abroad york.ac.uk/ucas/F347 | **MPhys** york.ac.uk/ucas/F346

MPhys with a year in industry york.ac.uk/ucas/F349 | **MPhys with a year abroad** york.ac.uk/ucas/F348

Physics with Philosophy BSc (Hons)/MPhys (Hons)

Explore the questions of life, the universe and everything by combining fundamental physics with the grand, unifying theories of philosophy. You'll study the history of thought, and gain insight into the minds of great thinkers of science and philosophy from Plato to Einstein. In doing so, you'll develop skills of analysis, communicating ideas and arguments, and dealing with big issues using observational and empirical methods.

BSc york.ac.uk/ucas/F3V5 | **BSc with a year abroad** york.ac.uk/ucas/F3V7 | **MPhys** york.ac.uk/ucas/F3VM

Mathematics and Physics BSc (Hons)/MMath (Hons)/MPhys (Hons)

Accredited by the Institute of Physics and the Institute of Mathematics and Its Applications.

Understand the nature of physical reality through the complementary disciplines of mathematics and physics. This integrated course provides an equal helping of both subjects allowing you to delve into the structures of modern physical theory. You'll benefit from specialist teaching from two renowned departments and develop strong skills of communication and analysis for your onward career or further study.

[BSc york.ac.uk/ucas/GF13](http://york.ac.uk/ucas/GF13) | [BSc with a year in Europe york.ac.uk/ucas/GFD3](http://york.ac.uk/ucas/GFD3) | [MPhys york.ac.uk/ucas/GFC3](http://york.ac.uk/ucas/GFC3)

Physics with a foundation year

If you have the potential to study physics at degree level, but lack A level qualifications in Physics and or Maths, our one-year foundation course may be for you. You'll take modules broadly covering the mathematics and physics A level syllabus, and gain useful experience of university laboratory work in practical sessions. It's a busy and demanding schedule, so we closely limit course numbers to ensure you have the best possible chance of successfully completing the foundation year. As a result we can offer small-group teaching with considerable personal support. Once you've successfully completed your foundation year, you can transfer to any of our undergraduate degrees.

Modules

- Maths I
- Maths II
- Physics and Electronics I
- Physics and Electronics II
- Fundamentals of Scientific Measurement

york.ac.uk/ucas/F304

Physics via OpenPlus

Study around work and other commitments with our flexible route to a Physics degree, in partnership with the Open University. Covering fundamental physics and maths, this part-time course typically takes three years to complete, and allows you to transfer to Year 2 of one of our BSc or MPhys single subject courses.

Open University modules

- Essential Mathematics I
- Remote Experiments in Physics and Space
- Physics: from Classical to Quantum
- Laboratory Skills for Science
- Mathematical Methods

york.ac.uk/study/undergraduate/courses/physics-openplus

Physics BSc (Hons)/MPhys (Hons)

Core modules are marked with a

Year 1

- | | | |
|---|--|----------|
| <ul style="list-style-type: none"> ▪ Electromagnetism, Waves and Optics ▪ Introduction to Thermal and Quantum Physics | <ul style="list-style-type: none"> ▪ Mathematics I ▪ Newtonian and Relativistic Mechanics ▪ Experimental Laboratory I | 1 |
| <ul style="list-style-type: none"> ▪ Mapping the Universe ▪ Human Uses of Energy | <ul style="list-style-type: none"> ▪ Mathematical Modelling | |

Year 2

- | | | |
|---|--|----------|
| <ul style="list-style-type: none"> ▪ Electromagnetism and Optics ▪ Experimental Techniques with (Professional Skills) ▪ Mathematics II | <ul style="list-style-type: none"> ▪ Quantum Physics II ▪ Thermodynamics and Solid State I ▪ Experimental Laboratory II | 2 |
|---|--|----------|

Year 3

- | | | |
|---|--|----------|
| <ul style="list-style-type: none"> ▪ Statistical Mechanics and Solid State II ▪ BSc Project (BSc only) | <ul style="list-style-type: none"> ▪ Advanced Experimental Laboratory (MPhys only) | 3 |
| <ul style="list-style-type: none"> ▪ Atomic Physics and Lasers ▪ Galaxies and the Interstellar Medium and Cosmology ▪ Introduction to Quantum Computing ▪ Medical Physics | <ul style="list-style-type: none"> ▪ Introduction to Plasma Science and Technology ▪ Magnetic Materials and Technology ▪ Particle Physics ▪ Nanoscale ▪ Quantum Physics III (core for MPhys) | |

Year 4 (MPhys only)

- | | | |
|---|--|----------|
| <ul style="list-style-type: none"> ▪ MPhys Project | <ul style="list-style-type: none"> ▪ Advanced Plasma Physics ▪ Biophysics ▪ Nanomaterials: from Graphene to Spintronics ▪ Lasers and Atom-light interactions | 4 |
| <ul style="list-style-type: none"> ▪ Advanced Quantum Mechanics ▪ Advanced High Performance Computing ▪ From Subatomic Physics to Astrophysics | | |

Physics with Astrophysics BSc (Hons)/MPhys (Hons)

Year 1

- Electromagnetism, Waves and Optics
- Introduction to Thermal and Quantum Physics
- Mathematics I
- Newtonian and Relativistic Mechanics
- Experimental Laboratory for Astrophysics I
- Mapping the Universe (with Professional Skills)

1

Year 2

- Astrophysical Technologies, Planetary Science (with Professional Skills)
- Electromagnetism and Optics
- Mathematics II
- Quantum Physics II
- Thermodynamics and Solid State I
- Experimental Laboratory for Astrophysics II

2

Year 3

- Galaxies and the Interstellar Medium and Cosmology
- Statistical Mechanics and Solid State II
- BSc Project (**BSc only**)
- Advanced Astrophysics Laboratory (**MPhys only**)

3

- Modern Optics
- Introduction to Plasma Science and Technology
- Advanced Theoretical Techniques
- Atomic Physics and Lasers
- Particle Physics
- Relativity
- Quantum Physics III (**core for MPhys**)
- The Physics of Stars

Year 4 (MPhys only)

- MPhys Project
- Advanced Quantum Mechanics
- Physics and Applications of Semiconductor Devices
- From Subatomic Physics to Astrophysics
- Advanced Plasma Physics
- Biophysics
- Nanomaterials: from Graphene to Spintronics
- Lasers and Atom-light Interactions

4

Theoretical Physics BSc (Hons)/MPhys (Hons)

Year 1

- Electromagnetism, Waves and Optics
- Introduction to Thermal and Quantum Physics
- Mathematics I
- Newtonian and Relativistic Mechanics
- Mathematical Modelling (with Professional Skills)
- Laboratory for Theoretical Physics

1

Year 2

- Computational and Mathematical Techniques for Theoretical Physics (with Professional Skills)
- Computational Laboratory
- Electromagnetism and Optics
- Mathematics II
- Quantum Physics II
- Thermodynamics and Solid State I

2

Year 3

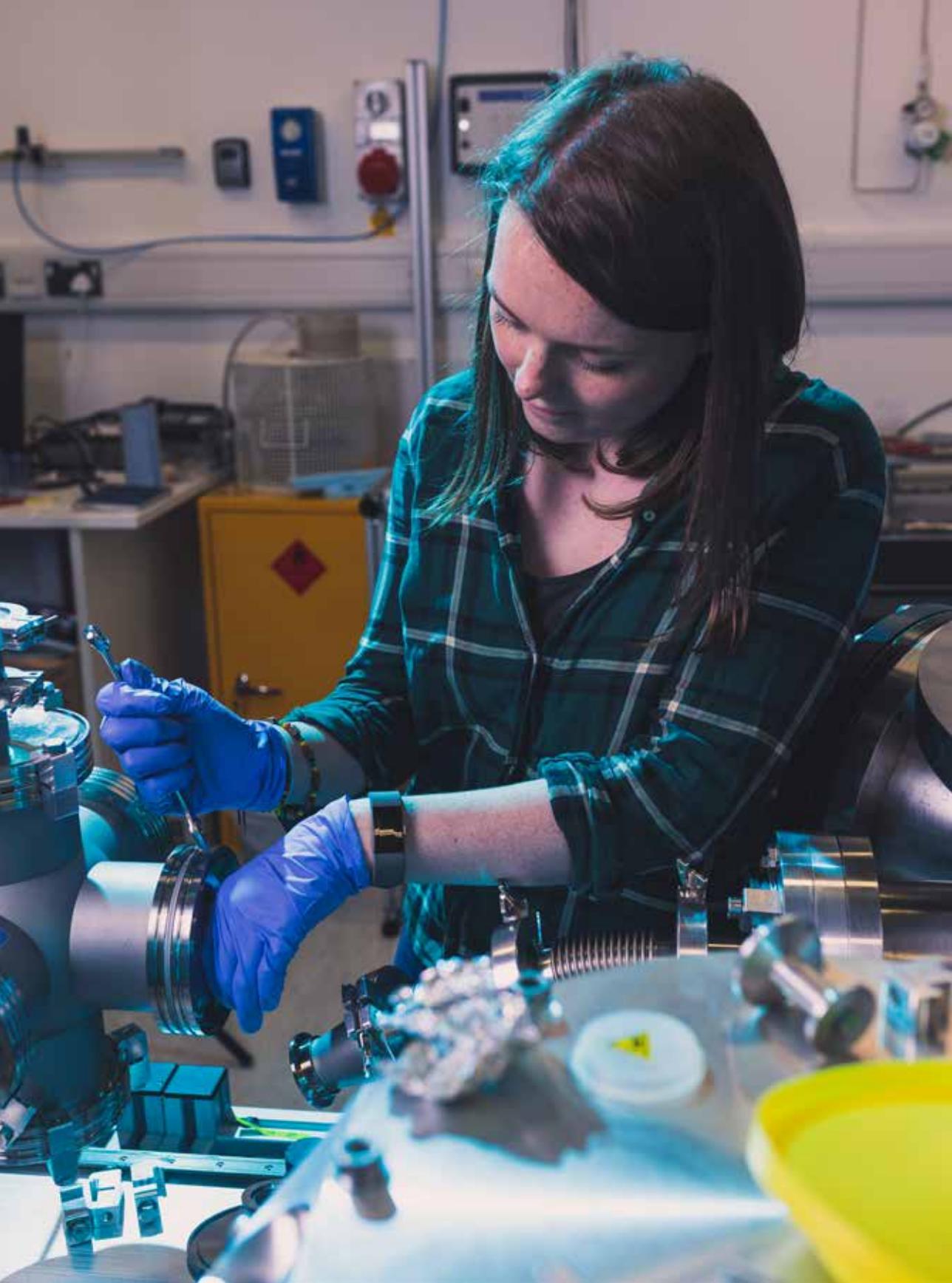
- Computational and Mathematical Techniques II
- Statistical Mechanics and Solid State II
- BSc Project (**BSc only**)
- Quantum Physics III (**MPhys only**)
- Advanced Computational Laboratory (**MPhys only**)
- Magnetic Materials and Technology
- Introduction to Plasma Science and Technology
- Introduction to Quantum Computing
- Advanced Theoretical Techniques
- Nanoscale
- Particle Physics
- Quantum Physics III (**core for MPhys**)
- Medical Physics
- Relativity

3

Year 4 (MPhys only)

- MPhys Project
- Advanced Quantum Mechanics
- High Performance Computing
- From Subatomic Physics to Astrophysics
- Advanced Plasma Physics
- Biophysics
- Nanomaterials: from Graphene to Spintronics
- Lasers and Atom-light Interactions

4



Physics with Philosophy BSc (Hons)/MPhys (Hons)

Year 1

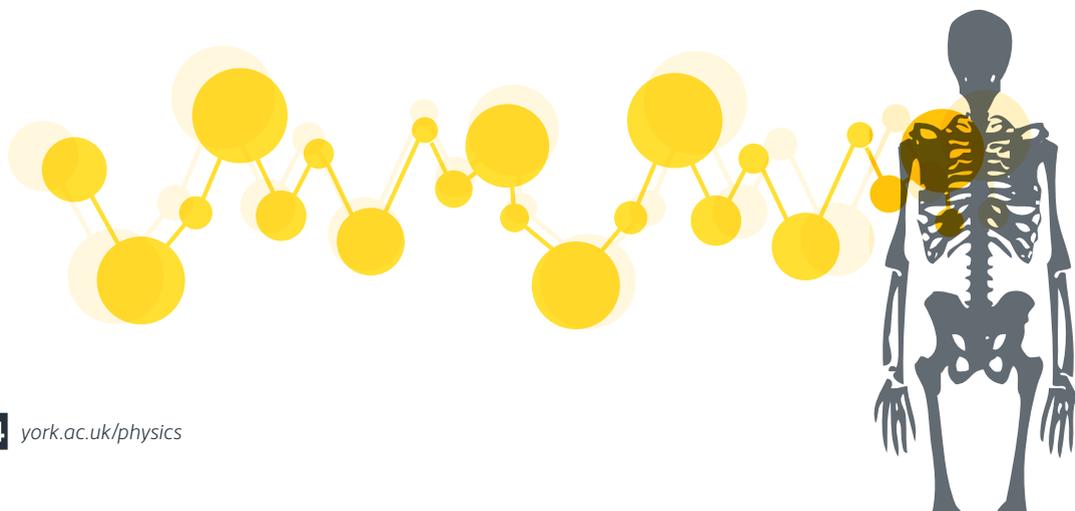
- Beginning Philosophy
- Classical Mechanics and Relativity (with Professional Skills)
- Electromagnetism, Waves and Optics
- Introduction to Thermal and Quantum Physics
- Mathematics I
- Reason and Argument
- Ancient Philosophy
- Metaphysics

1

Year 2

- Electromagnetism and Optics
- Mathematics II
- Quantum Physics II
- Thermodynamics and Solid State I
- Philosophy of Science
- Ethical Theory
- Philosophy of Language
- Intermediate Logic
- Religious Ethics
- Hume's Empiricism
- Spinoza and Leibniz
- Nietzsche
- Kant's Copernican Revolution
- Metaphysics
- Philosophy of Mind

2



Year 3

- Quantum Physics III
- Statistical Mechanics and Solid State II

- German Idealism
- Philosophy of Physics **(BSc only)**
- Philosophy of Art
- Philosophy of Christianity
- Contemporary Issues in Bioethics
- Foundations of Maths
- The Value and Meaning of Life
- Philosophy of Physics Advanced
- Atomic Physics, Lasers **(MPhys only)**
- Modern Optics **(MPhys only)**

- BSc Project **(BSc only)**
- Philosophy of Physics **(MPhys only)**

- Galaxies and the Interstellar Medium and Cosmology **(MPhys only)**
- Introduction to Plasma Science and Technology **(MPhys only)**
- Introduction to Quantum Computing **(MPhys only)**
- Medical Physics **(MPhys only)**
- Nanoscale **(MPhys only)**
- Relativity **(MPhys only)**
- The Physics of Stars **(MPhys only)**

3

Year 4 **(MPhys only)**

- Topics in Theoretical Philosophy

Philosophy

Year 3 Philosophy option modules are also available in Year 4.

- MPhys Project

Physics

- Advanced Quantum Mechanics
- High Performance Computing
- From Subatomic Physics to Astrophysics
- Advanced Plasma Physics
- Biophysics
- Nanomaterials: from Graphene to Spintronics
- Lasers and Atom-light Interactions

4

Mathematics and Physics

BSc (Hons)/MMath (Hons)/MPhys (Hons)

Year 1

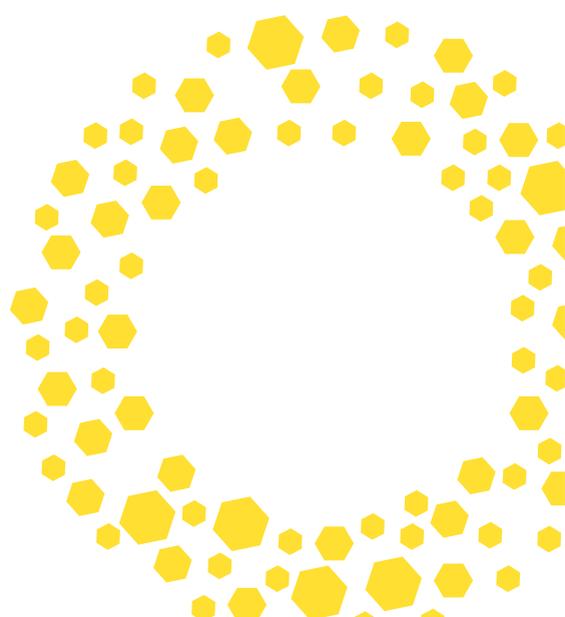
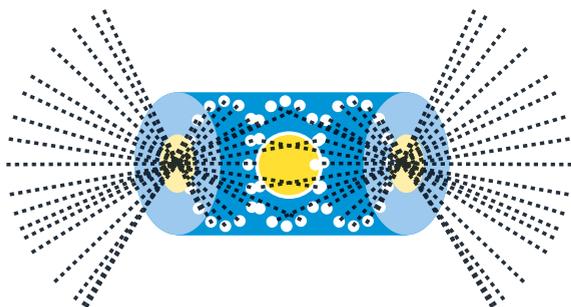
- Algebra
- Calculus
- Mathematical Skills I
- Classical Mechanics and Relativity (with Professional Skills)
- Electromagnetism, Waves and Optics
- Introduction to Thermal and Quantum Physics

1

Year 2

- Applied Mathematics for Mathematics and Physics
- Electromagnetism and Optics
- Functions of a Complex Variable
- Linear Algebra
- Mathematical Skills II
- Quantum Physics II
- Thermodynamics and Solid State I
- Vector Calculus

2



Year 3

- Statistical Mechanics and Solid State II

- Maths or Physics project (**BSc only**)

Maths

- Complex and Asymptotic Methods
- Classical and Biological Fluid Dynamics
- Differential Geometry
- Dynamical Systems
- Fundamentals of Fluid Dynamics
- Mathematical Ecology and Epidemiology
- Modelling with MATLAB
- Numerical Analysis
- Partial Differential Equations I
- Partial Differential Equations II

Physics

- Atomic Physics and Lasers
- Modern Optics
- Galaxies and the Interstellar Medium and Cosmology
- Relativity
- Introduction to Quantum Computing
- Advanced Theoretical Techniques
- Nanoscale
- Particle Physics
- Quantum Physics III

3

Year 4 (MPhys only)

- Maths or Physics project

Maths

- Advanced General Relativity
- Applications of Group Theory in Virology
- General Relativity
- Mathematical Ecology and Epidemiology
- Modelling with MATLAB
- Quantum Field Theory
- Quantum Information
- Riemannian Geometry
- Soft Matter in Physics and Biology

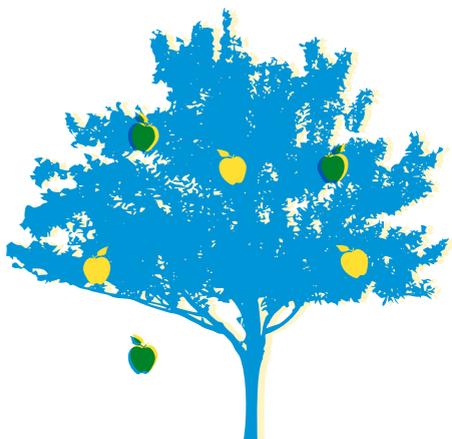
Physics

- Advanced Quantum Mechanics
- Advanced High Performance Computing
- From Subatomic Physics to Astrophysics
- Advanced Plasma Physics
- Biophysics
- Nanomaterials: from Graphene to Spintronics
- Lasers and Atom-light Interactions

4

**£1,000 DEPARTMENTAL
SCHOLARSHIPS FOR
ACADEMIC EXCELLENCE -
FOR ALL QUALIFYING
CANDIDATES, NO
APPLICATION REQUIRED**

[york.ac.uk/physics/
undergraduate/scholarships](http://york.ac.uk/physics/undergraduate/scholarships)



**WE ARE PROUD OF OUR PROJECT JUNO CHAMPION
STATUS WHICH DEMONSTRATES OUR COMMITMENT
TO AN IMPROVED GENDER BALANCE AMONG OUR
STAFF AND STUDENTS**

We are delighted that you are considering studying at the University of York. Here are some of the ways we help bright and inquisitive minds like yours to reach their full potential.

At York you will study and learn with inspiring academics who are dedicated to their subjects as active researchers and experts in their field. We're one of the world's premier institutions for inspirational and life-changing research, which feeds directly into the teaching you'll receive.

You will have access to our outstanding facilities, from laboratories to libraries and online resources, and you'll enjoy the location of our thriving campus within walking distance of the impressive city centre.

The York Approach to teaching and learning

Our academics carefully design our courses so that you get the most from your time working with teaching staff or studying on your own. You'll understand what you're aiming for and why at every stage of study. You'll also feel confident about applying the skills and knowledge you learn throughout your course to new situations, such as placements or jobs.

We'll give you a clear description of the aims of your chosen course and six learning outcomes which are unique to the course, capturing its distinctive characteristics. You'll know what work you need to do and how it helps you to meet each outcome. These will tell you what you can expect to be able to do when you graduate and help you to explain what you can offer to employers.

Our approach will build your knowledge, develop your skills and propel you towards successful next steps.

**95% OF OUR
RESEARCH ACTIVITY
IS 'INTERNATIONALLY
RECOGNISED'**

RESEARCH EXCELLENCE FRAMEWORK (2014)

ENGAGE WITH OUR
INNOVATIVE RESEARCH
GROUPS: YORK PLASMA
INSTITUTE, YORK
CENTRE FOR QUANTUM
TECHNOLOGIES, THE
CONDENSED MATTER
PHYSICS INSTITUTE,
NUCLEAR PHYSICS
AND THE PHYSICS
OF LIFE GROUP



Placements and studying abroad

Placements are a fantastic opportunity to gain valuable work experience at a challenging level and will help you prepare for graduate jobs.

You can choose the year in industry or year abroad options that are offered as part of some of our courses when you apply to study with us. The White Rose Industrial Physics Academy (WRIPA), based within the department, will provide specialist help and advice to guide you through the process of choosing a suitable opportunity. They will also be a source of support during your time away from the campus.

Industry placement students have worked with a wide range of well-known national and global employers including Dyson, BAE Systems, Kromek and Jaguar Land Rover.

You could also consider some of the broad range of options available via the University's Placement Year programme. This gives you the opportunity to do a placement that is not directly related to your degree subject.

york.ac.uk/placement-year

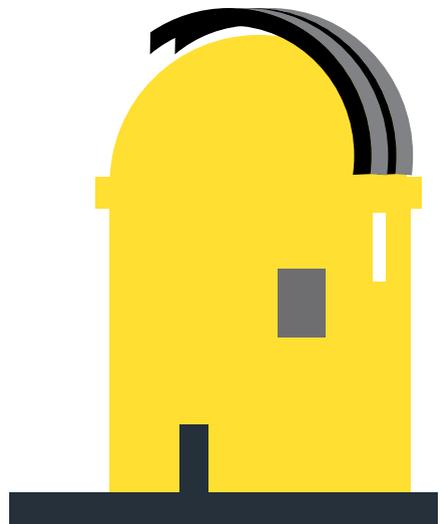
You can also apply to spend up to a year studying or volunteering outside the UK through the Centre for Global Programmes. A life-changing opportunity to explore the world will enrich your education and prepare you for a career in the global marketplace.

york.ac.uk/globalyork



The friendliness of Physics at York attracted me. The department is endlessly supportive in helping us develop our career aspirations. Being at a research-intensive university is great – it's clear that the staff love their work, and what better education could you have than being taught by experts in the field of study?

Helena, MPhys Physics with Astrophysics



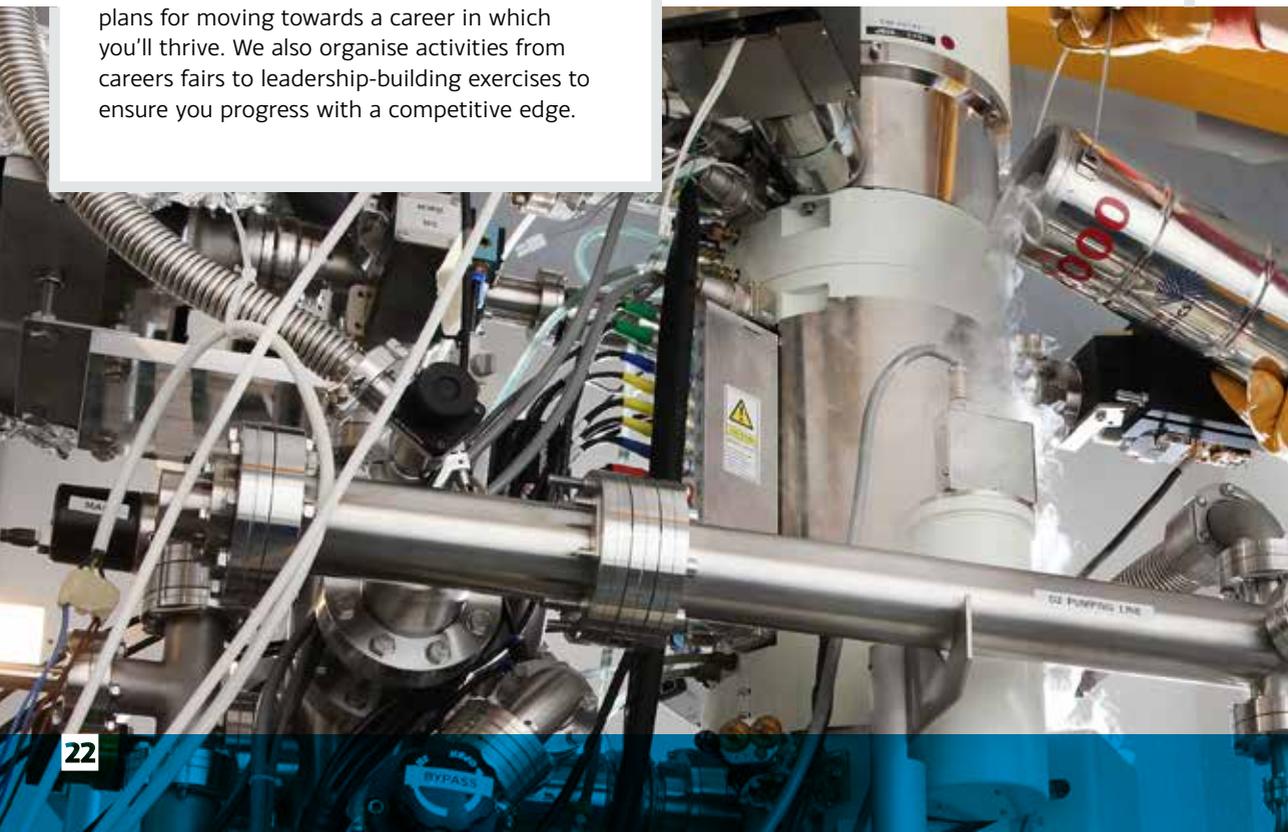
As you start to make decisions about the next stage of your education, it's a good idea to look a little further ahead and think about what you'll do when you graduate.

Our graduates are sought by leading employers in a vast range of disciplines. Many of our graduates progress to postgraduate degrees at York and other leading universities. However, the analytical and problem-solving skills you'll learn are relevant across most industries and will equip you to become a lifelong autonomous learner.

We're committed to supporting our students' career development. York Futures, our employability initiative, will enable you to build a portfolio of valuable experience and skills during your time at York that could help you secure that dream job. Starting in your first year, our unique York Strengths programme will help you make sense of what you can offer to employers. We'll support you to identify your personal qualities, understand your options, and make plans for moving towards a career in which you'll thrive. We also organise activities from careers fairs to leadership-building exercises to ensure you progress with a competitive edge.

94.3% OF
YORK GRADUATES
WERE **EMPLOYED**
OR IN **FURTHER**
STUDY SIX
MONTHS AFTER
GRADUATION

DESTINATIONS OF LEAVERS FROM
HIGHER EDUCATION SURVEY 2016/17
(HESA) (FULL-TIME UK STUDENTS)



Feeling inspired?

The information here is just an overview of our Physics courses at York, but you can find even more information and an up-to-date module list on our course pages:

york.ac.uk/physics/undergraduate

Get to know us

While you're there, be sure to visit our study pages to discover more about studying at York and campus and city living:

york.ac.uk/undergraduate



TYPICAL OFFERS

2021/22 ENTRY

A LEVELS

BSc: AAB
MPhys/MMath: AAA

IB

BSc: 35
MPhys/MMath: 36

BTEC NATIONAL EXTENDED DIPLOMA

BSc/MPhys: DDD plus A at A level or equivalent in Mathematics and Physics

OTHER QUALIFICATIONS

For details of other acceptable qualifications go to york.ac.uk/ug-entry-requirements

ESSENTIAL SUBJECTS

Mathematics and Physics grade A at A level or equivalent

FOUNDATION YEAR

For details of entry requirements go to york.ac.uk/ucas/F304

OPENPLUS

For details on how to apply go to york.ac.uk/study/undergraduate/courses/physics-openplus

ENGLISH LANGUAGE REQUIREMENT

IELTS 6.5 with at least 6.0 in all units

CONTACT US

Physics
Undergraduate Admissions

+44 (0) 1904 322241

physics-admissions@york.ac.uk

 [PhysicsatYork](#)



UNIVERSITY
of York

york.ac.uk/undergraduate

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The information in this brochure was correct at the time of going to print (June 2020). Up-to-date information can be found on our website.