



EDURIZON PVT LTD

Ph.D

in

UK



[Overview](#)

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PhD in UK: Universities & Colleges, Admission, Eligibility, Cost, Funding, Scope

Ph.D. in the UK, also referred to as a doctorate, is a three to four-year full-time and six-years part-time degree. The cost of studying Ph.D. in the UK ranges around 18,000 to 35,000 GBP per annum at top universities. For an Indian student, this cost is equivalent to 18-36.2 Lakh INR per year. The Ph.D. course in the UK is structured around a substantial research project chosen by the applicant in their area of interest.

- The basic qualification for admission to Ph.D. is a master's degree with a minimum of 70%.
- However, some of the [top universities in the UK specifically](#) accept applications from students having a 4-year bachelor's (honours) degree.
- Students are required to conduct independent and original research in a specific field under the supervision of a professor.
- Aspirants get the opportunity to avail a plethora of [scholarships in the UK for international students](#) such as studentships, grants by UK Research and Innovation, and more.
- The [opportunities after studying in UK universities](#) are vast. Almost 87% of the Ph.D. students start working after graduation and earn an average pay of 42,220 GBP (~43.7 Lakh INR) per annum.

Ph.D. in UK Universities

International students are attracted to the high-quality education offered by the [universities in the UK](#). According to the QS Ranking of 2022, four universities in the UK rank among the top universities across the world. The following table lists some of the top universities offering Ph.D. in the UK, as per the QS World Ranking of 2022:

QS Rank 2022	University	Important Ph.D. Programs
2	University of Oxford	Biochemistry, Chemistry, Engineering Science, Medical Science
3	University of Cambridge	Clinical Neuroscience, Chemical Engineering, and Biotechnology, Engineering
	Imperial College London	Life Sciences, Mathematics, Mechanical Engineering,

7		Medical Sciences
8	University College London	Chemical Engineering, Chemistry, Physics and Astronomy, Material Science
16	University of Edinburgh	Medicine, Engineering, Geosciences, Informatics, Mathematics
27	University of Manchester	Chemical Engineering, Chemistry, Electrical Engineering, Material Science, Mathematics
35	King's College London	Pharmaceutical Science, Medical Science, Life Science
49	London School of Economics and Political Science	Communication, Social Science, Law, Journalism
62	University of Bristol	Medical Science, Biochemistry, Physiology, Biological Science

Note: A Ph.D. degree is referred to as DPhil (Doctor of Philosophy) in some universities of the UK like the University of Oxford.

Popular Ph.D. Programs in UK

Universities of the UK have modern infrastructure and world-class amenities to aid the research of Ph.D. students. Its programs have global recognition. Hence, it becomes difficult for international students to choose a Ph.D. program that best suits their skills and interests. The table below lists some of such popular degrees along with the universities offering them:

Program	University	Fees per Annum (GBP)
Ph.D. in Computer Science	University of Oxford, University of Cambridge, Imperial College London, University College London, KCL	22,200-33,250
Ph.D. in Medical Science	University of Oxford, University College London, University of Cambridge Newcastle University , University of Manchester	24,000- 32,352
Ph.D. in Engineering	University of Cambridge, Oxford, University College London The University of Manchester, University of Southampton	22,704- 32,352

Ph.D. in Sociology	LSE, University of Oxford, University of Cambridge University of Warwick , University of Manchester	19,338-24,450
Ph.D. in Law	University of Oxford, University of Cambridge, LSE, KCL, UCL	18,740-25,758

Types of Ph.D. in UK

There are majorly five types of [PhDs offered by universities in the UK](#): Standard, Integrated, Professional, Distance Learning, and Ph.D. by Publication. Standard Ph.D. is a more common choice than others among international students. All 4 types of Ph.D. in the UK are discussed in brief as follows:

Standard Ph.D.: It is a 3 to 4-year full-time on-campus degree split into 3 parts. In the first year, students discuss research proposals with supervisors and devise a plan. Gathering data and conducting research is part of the second and third-year curriculum. Finally, in the last year, students write their thesis and submit it for viva.

Integrated Ph.D.: It combines the 1 year Masters in Research (MRes) with a 3-year Ph.D. in the UK and offered by over 30 universities. The main aim is to combine the taught element of the program with independent research. This helps students in learning different methodologies.

Professional Ph.D.: This type of Ph.D. is mainly for vocational subjects like medicine, engineering, and education. The focus of the program is to prepare students for future employment. Hence, it involves fewer research thesis and more projects revolving around real-life corporate issues. Common titles include Doctor of Business Administration, Doctor of Education, Doctor of Engineering, etc.

Distance Learning Ph.D.: International students having work or family obligations choose this type of Ph.D. for [studying in UK](#). It is also a preferred option when a selected topic requires the researcher to be present at a specific location. Students remain in touch with their supervisor through phone, email, or skype and attend university for one or two weeks every year. It takes 5 to 6 years to complete.

Ph.D. by Publication: This Ph.D. is also known as Higher Doctorate and is granted to students having already published original work such as book chapters, journal articles, books. However, most of the universities of the UK accept only their own alumni for Ph.D. by Publication. Students are required to submit five to eight published works and a written supporting statement of 5,000 to 20,000 words.

How to Apply for Ph.D. in UK

A master's degree or in some cases a 4-year bachelor's is a minimum eligibility requirement for admission to Ph.D. in the UK. International students may also need to submit a research proposal outlining their research interests and methodology as a part of the application.

There is no common application portal for Ph.D. [applications in the UK](#). Thus, students have to submit their application individually for their choice of university's application portal.

English Proficiency Requirements for Ph.D. in UK

The research thesis required for completion of a Ph.D. in UK has to be written entirely in English. Also, the workshops, seminars, lectures, etc are conducted in that language. Hence, international students are required to demonstrate proficiency in English by submitting one of the following test scores:

Test	Minimum Score Required
IELTS	7.0
TOEFL (IBT)	90
PTE	60

Admission Requirements for Ph.D. in UK

- A degree equivalent to [Masters in the UK](#) or a 4-year bachelors (Hons) degree
- Minimum 70% in masters and bachelors
- Proof of English Proficiency
- [LOR](#)
- Research Proposal
- [SOP for UK](#) universities is also required in some cases.

Explore admission criteria to get into some of the most popular Ph.D. courses in the UK:

Admission Requirements for Ph.D. in Computer Science

Ph.D. in Computer Science focuses on the study of design and manipulation of computer systems along with their various processes. A degree equivalent to a

[Masters in Computer Science in UK](#) is required for admission to this program. Some universities also accept maths or other related field graduates.

University	Eligibility	Additional Requirements
University of Oxford	3-year BA/BSc & MS or 4-year UG Hons; Degree in Maths or CS	Research proposal: 1000 words; 3 LORs: at least 2 academic
University of Cambridge	UG Hons and Masters in CS or related field	Research proposal: 3000 words
Imperial College London	UG and masters in a related field	Research Statement: 3-5 page; Name of 1-4 potential supervisors
University College London	UG and masters in a related field	Research proposal; Contact potential supervisor beforehand
King's College London	Bachelors in CS with minimum 80% or Bachelors + masters in computer science	SOP : 4000 words; Research proposal; 2 LORs: at least 1 academic

Admission Requirements for Ph.D. in Medical Science

Medical Science is one of the popular fields among researchers in the UK because of the latest technological developments and the emergence of global pandemics like COVID-19 and Ebola. Admission requirements for top universities offering PhD in UK in this field are:

University	Eligibility	Additional Requirements
University of Oxford	UG Hons. in the biomedical or related science field	SOP: 500 words; 3 Academic LORs
University of Cambridge	Masters in a related field	2 Academic LORs
Imperial College London	Masters in a related field	Research proposal
University of	UG Hons with 80% or	Short description of a research

Manchester	UG and masters in a related field	project completed in the previous degree; Reference Letters
Newcastle University	UG Hons with 80% and masters in a related field	Research proposal

Admission Requirements for Ph.D. in Engineering

Ph.D. in Engineering offers many specialisations to choose from such as electrical, mechanical, chemical, etc. International students are required to have a degree equivalent to Masters in Engineering to apply for this program at [top universities of the UK](#).

University	Eligibility	Additional Requirements
University of Oxford	UG Hons with a minimum of 80%	Name of proposed supervisor; Research summary; Reason for applying: 2500 characters; Research experience; Research proposal; 2 academic LORs
University of Cambridge	UG Hons in engineering or related field	Research proposal: 1000 words; 3 LORs: at least one academic
Imperial College London	Masters in a related field	Research Proposal
University of Manchester	UG with a minimum of 80% and masters in a related field	Research proposal; 2 academic LORs
University of Southampton	Masters in a related field	Title of research project; Name of potential supervisor; Personal statement: 300 words; 2 academic LORs

Admission Requirements for Ph.D. in Sociology

Subjects like politics, economics, social work, and anthropology. Students pursuing Ph.D. in UK in sociology research on the relationship between humans and society. Minimum eligibility and requirements for admission at [top universities offering PhD in Sociology](#) are tabulated below:

University	Eligibility	Additional Requirements
University of Oxford	UG Hons in law with minimum of 80%	Research proposal
University of Cambridge	UG Hons in law with minimum of 80%	Personal statement: 2 pages; Legal research essay: 10,000 words; Research proposal: 1 page; 2 LORs: at least 1 academic
London School of Economics and Political Science	LLM or equivalent	Research proposal: 3 to 4 pages
King's College London	Masters in law; Bachelors with minimum 80%	Personal statement: 2 pages; Legal research essay: 10,000 words; Research proposal: 1 page; 2 LORs: at least 1 academic
University College London	Masters in law; Bachelors with a minimum of 80%	Research proposal

Cost of Study for Ph.D. in UK

Ph.D. in the UK can be expensive since [study abroad](#) aspirants have to fund their research, living cost as well as tuition fees. Their total cost of study can be broadly categorised into the following sections.

Pre-arrival Cost

The expenses that incur before arrival at the university are known as pre-arrival costs. These are summed up in the following table:

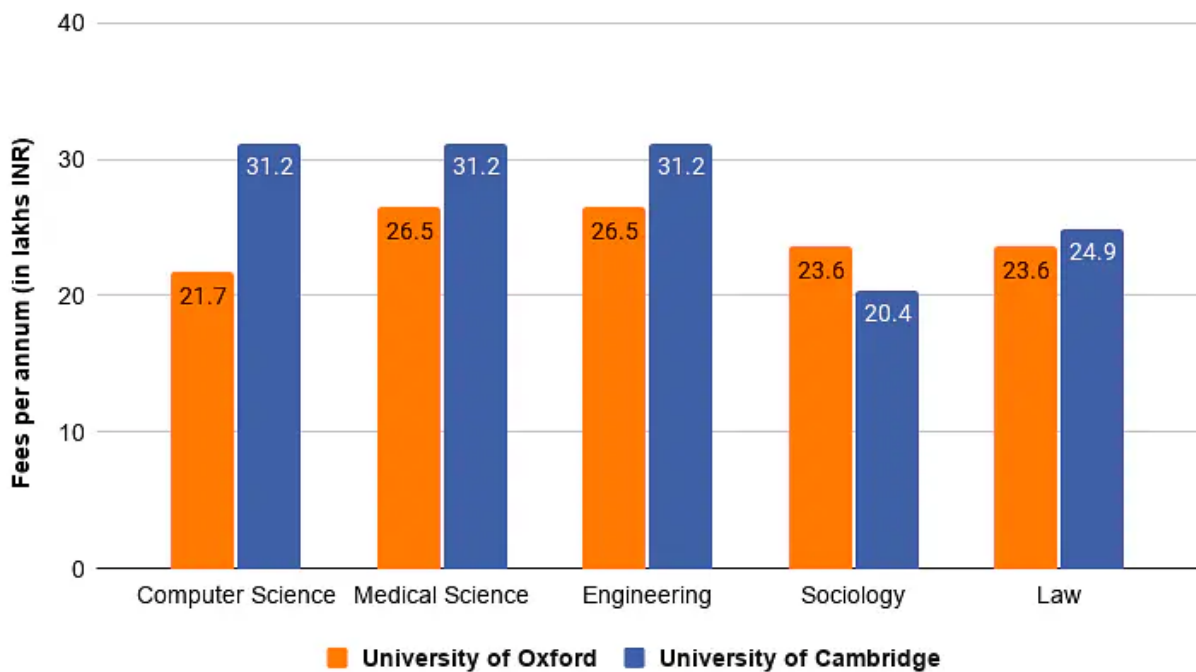
Type of Fees	Cost (in GBP)
UK Student Visa	348
IELTS fee	150

TOEFL fee	140
Application Fees	60
Airfare	425 - 638

Ph.D. in UK: Tuition Fees for Indian Students

The cost of studying Ph.D. in UK for an Indian student ranges between 18-36 Lakh INR per year. Among the top universities, King's College London and the University of Warwick are the least costly ones with tuition fees below 19 lakhs INR per annum.

University of Oxford vs University of Cambridge: PhD Fees Comparison



Cost of Living in UK

The annual cost of living including the travel and [accommodation cost in the UK](#) is estimated to be around 15,000 GBP. A breakdown of expenses incurred per week for an international student is provided as follows:

Type of Expense	Weekly Cost (in GBP)
Accommodation	125 - 160
Food Expense	10
Telephone Bill	45
Household Items	10
Books and Supplies	10
Other Expenses	45

Funding and Scholarships for Ph.D. in UK

The majority of the universities of the UK grant a Studentship to research postgraduate (Ph.D. and MRes) students. These awards are funded by the department, college, or external body and usually covers the tuition fees with an additional stipend. Some studentships also cover the cost of attending seminars and workshops related to their research projects taken up by students pursuing Ph.D. in UK. Applicants are selected for such awards on the basis of their academic performance in masters and bachelors.

In addition to this, universities and other external bodies award [scholarships to international students in the UK](#) pursuing a Ph.D. degree. Some of them are listed as follows:

University	Scholarship Awarded	Eligibility	Amount (in GBP)
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University of Oxford	Ertegun Graduate Scholarship Programme in the Humanities	Enrolled in full-time humanities program; Supporting statement	Course Fees + 15,285 grant
	Oxford-E P Abraham Research Fund Graduate Scholarships	Enrolled in medicine-related DPhil Course	Course fees + 18,000 grant
University of Cambridge	Gates Cambridge	Enrolled in full-time postgraduate program; Non-EU students only	Course fees, 17,500 grant for 12 months, two economy airfares, visa and Immigration Health Surcharge cost
Imperial College London	President's PhD Scholarship	Based on undergraduate and masters academic performance	Course fees, 21,600 per annum stipend, 2,000 additional fund for first 3 years
University College London	UCL Overseas Research Scholarship	Enrolled in MPhil or Ph.D. program; Only for Non-EU students	Course fees (equal to UK/EU rate), 17,432 per year stipend
University of Edinburgh	School Doctoral Scholarship	Enrolled in Ph.D. in history, classics or archaeology	Course fees (equal to UK/EU rate), 15,009 per year stipend
University of Manchester	Research Impact Ph.D. Scholarship	Enrolled in Ph.D. at Department of Humanities; Research Project related to philanthropic research themes	19,500 per year for 3 years; Additional 1,500 per year

King's College London	Hans Rausing Scholarship	Enrolled in Ph.D. or Masters at Centre for History of Science, Technology, and Medicine	Course fees, stipend
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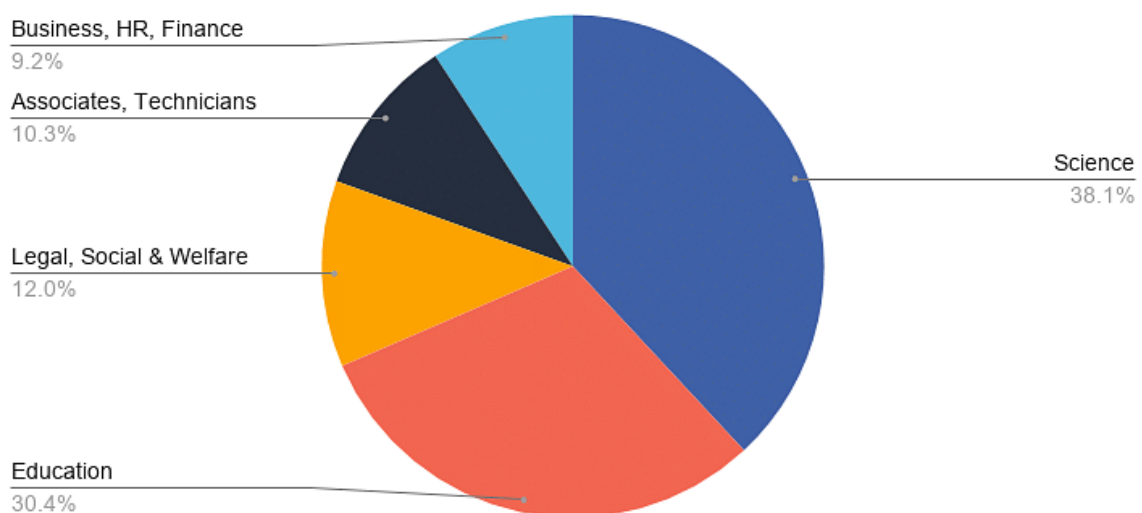
A funding organization known as UK Research and Innovation also award funding opportunities to international students in the UK based on the research projects. It collaborates with other countries and invites their citizens to conduct research on a pre-decided topic. The amount is expected to be directed entirely towards the project.

For Example UK Research and Innovation is inviting applications for “UK-India COVID-19 Partnership Initiative” project. It is funded by the Medical Research Council (MRC). The closing application date is December 1.

Scope after PhD in UK

A PhD graduate earns on an average of 42,200 GBP per year in the UK. Most of them go for an academic job especially in the teaching and education sector. According to Prospects UK, over 50% of graduates having PhD in UK are either education or science professionals working in the science and pharmaceutical industry.

Jobs after PhD in UK (2019)



One of the reasons for this might be that private sector companies have become more research-oriented since the last few years and look for more researchers. Some other most common career options chosen by PhD graduates are clinical

psychologists, biochemists, medical practitioners and university researchers. Salary for PhD graduates in various [jobs in UK](#) are tabulated below:

Job Role	Average Annual Salary (in GBP)
Data Scientist	43,000
Principal Scientist	51,000
Senior Software Engineer	71,000
Postdoctoral Research Associate	31,000
Research Scientist	39,000
Senior Research Scientist	43,000

The UK Government has announced a “Graduate Route” that will allow international students completing their PhD from summer 2021 onwards to stay back for 3 years and look for work. These changes were done to support the country’s research and development roadmap, aimed towards making the UK a world-leading science power. UK Government is also planning to spend 300 million GBP for upgrading scientific infrastructure via the World Class Labs funding scheme. New offices will be established to attract global scientists, researchers and innovators. Thus, a lot of new opportunities will open for those who opt for PhD in the UK.



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