

MSci in Physics with a Year in Europe

All you need to know

The MSci programs are designed for those wishing to study at a higher level or pursue a career as an academic or researcher. It was inspired by a desire to extend to undergraduates the advantages enjoyed by postgraduate students that come from participation in international research collaborations.

MSci in Physics with a Year in Europe:

- **When?** Students spend their **third year** studying abroad.
- **Where?** **Partner universities** are located in **France, Germany, Italy, Spain or Switzerland.**
- **What?**
 - The **research project** carried out during the year abroad makes the student a part of an **international research team** which is a very valuable experience at undergraduate level.
 - Students also follow **lecture courses** and join in **extra-curricular activities** alongside the **local students**. Students are also **visited twice a year** by a Physics academic tutor from Imperial.
- **Why?**
 - Imperial College, unlike other universities, does **credit the Year abroad** as part of the MSci degree.
 - The MSci with YiE degree might also be **financially advantageous** as fees for the YiE are only a fraction of the other years spent in the UK.
 - The YiE offers huge **cultural enrichment** and the opportunity to forge **long-lasting friendships** with local students.
 - This program equally allows students to **develop transferable skills** sought for by employers and offers the chance to become **fluent in another language**.

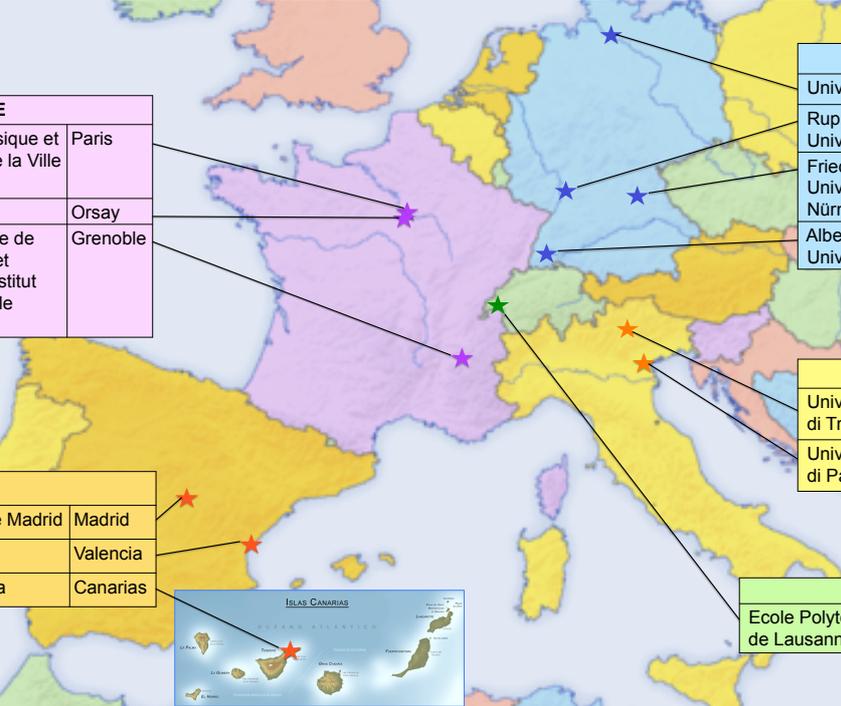
Course comparison table for MSci in Physics

	MSci (F303, F390)	MSci with YiE (F309)
Length	4 Years	
ECTS	240 ECTS	
Core	Identical core curriculum	
Year 1	- Electronics or Math Analysis	- Language course (6 ECTS)
Year 2	- Sun, Stars and Planets or Environmental Physics	- Language course (6 ECTS)
Year 3	Year at Imperial College: - Core/option courses - Comprehensive Exams - Professional Skills - Lab or Advanced Classical Physics	Year abroad in another university: - Courses [with option lab] (24 ECTS) - Master project (36 ECTS): 3-3½ days a week on average. Project and viva in the local language, ~50 page report in English
Year 4	- Core/option courses - Master project [Literature review (60h, summer); 12 h per week on average during term time; final report and viva]	- Core/option courses - Lab or Theoretical courses - Comprehensive Exams - Professional Skills

The programme in numbers:

- 100% of the students are satisfied by the MSci in Physics with a YiE
- 92% of students get a managerial/professional job within 6 months of graduating

Host universities abroad and their locations



FRANCE	
École Supérieure de Physique et de Chimie Industrielles de la Ville de Paris (ESPCI)	Paris
Université Paris-Sud	Orsay
École nationale supérieure de Physique, ELectronique et MATériaux (PHEMMA) / Institut Polytechnique de Grenoble (Grenoble INP)	Grenoble

GERMANY	
Universität Hamburg	Hamburg
Ruprecht-Karls-Universität Heidelberg	Heidelberg
Friedrich Alexander Universität Erlangen-Nürnberg	Erlangen
Albert-Ludwigs-Universität Freiburg	Freiburg

ITALY	
Università degli studi di Trento	Trento
Università degli studi di Padova	Padova

SPAIN	
Universidad Autónoma de Madrid	Madrid
Universidad de Valencia	Valencia
Universidad de La Laguna	Canarias

SWITZERLAND	
Ecole Polytechnique Fédérale de Lausanne (EPFL)	Lausanne

“ I wanted to maintain and build upon the language skills that I had and it's nice to have a change of scenery for a year.”
YiE student, Germany 2012-13

“ It was such an inspiring and positive experience that I am now considering applying for a PhD in another European country.”
YiE student, Italy 2012-13

“ The year abroad has been my favourite year of study so far. I can see now how valuable it is to go abroad.”
YiE student, Switzerland 2012-13

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For further information, consult:

<http://www3.imperial.ac.uk/ugprospectus/facultiesanddepartments/physics>

How to apply?

Entry requirements: Grade B or above in a modern European language at GCSE (or equivalent) in addition to the standard Imperial requirements for Physics. Apply through UCAS for course F309. Applicants already holding an offer for any of our physics degree courses can request a transfer to F309 any time before enrolment: please contact us at ph_admissions@imperial.ac.uk before October of your year of entry.