

Institut d'Optique Théorique et Appliquée - IOTA (Institut d'Optique *Graduate School* - IOGS)

Fact sheet 2019-20 – International Semester

Institutional details

Name of Institution	Legal name: Institut d'Optique Théorique et Appliquée (IOTA) Brand name: Institut d'Optique <i>Graduate School</i> (IOGS)
ERASMUS ID Code	F-ORSAY02
EUC	28120-LA-1-2014-1-FR-E4AKA1-ECHE
Website	www.institutoptique.fr
Head of Institution	Prof. Jean-Louis MARTIN, Directeur Général
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International Relations Office

Head of International Relations	Pierre BALADI pierre.baladi@institutoptique.fr Tel: +33-1 64 53 32 08
Deputy Head of International Relations	(Ms) Sita BABY sita.baby@institutoptique.fr Tel: +33-1 64 53 32 12
Academic Advisor for Exchange Students	Xavier DELEN xavier.delen@institutoptique.fr Tel: +33-1 64 53 31 76
Accommodation for incoming students	(Ms) Sita BABY sita.baby@institutoptique.fr Tel: +33-1 64 53 32 12

Academic Calendar and Holidays:

<i>(International Semester in blue)</i>	Institut d'Optique has teaching and research facilities on three campuses: Palaiseau (Paris-Saclay), Saint Etienne and Bordeaux. The information below is only valid for the Palaiseau (Paris-Saclay) campus.
Orientation for international students	End of week 36: 5-6 September 2019 (tbc)
2nd year courses semester 1	Weeks 37-7: Monday 9 September 2019 - Friday 14 February 2019
2nd year examinations semester 1	Main examination periods: week 50: mid-December 2019 and weeks 5-6: early February 2020 Some isolated examinations may take place earlier.
2nd year re-examinations sem 1	March 2020 (tbc)

2nd year courses semester 2	Weeks 9-20: Monday 24 February – Friday 22 May 2020 , followed by 2nd year placement/internship (minimum 11 weeks)
2nd year examinations semester 2	Main examination period weeks 19-20: mid-May 2020 Some isolated examinations may take place earlier.
2nd year re-examinations sem 2	Late August, after internship (tbc)

Holiday periods:	1 week at the end of October and early November; 2 weeks at the end of December and early January; 1 week in mid/late February; 2 weeks in April.
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Application and deadlines

Deadline and procedure	15 May for the next academic year Application procedure on: https://www.institutoptique.fr/International/MScEng-Diplome-d-Ingenieur Status: Credits only students (non-degree)
Requirements	Final year of Bachelor or first year of Master in Physics/Optical engineering or related fields

Language of Instruction and Language Requirements

Language of Instruction	The International Semester is taught in English .
Recommended Language Skills	We do not require formal language test results, although they do usefully assess the student's language level. The minimum recommended level is B2 in English for the International Semester.
French and foreign language classes	Classes of French as a Foreign Language are compulsory for international students. Classes of other languages are also available for students.

Grading system and credits

	<p>*Courses are grouped into Teaching Units or Modules (<i>UE - Unités d'Enseignement</i>).</p> <p>The marking scale for courses is the standard French 20-point scale. Marks range from the maximum 20/20 to the minimum 0/20. The pass mark is 10/20.</p> <p>*The academic requirement for successful completion of a semester is that the student should have an overall average of at least 10/20 on each module (UE) and no individual course mark below 5/20. Marks of between 5 and 9.99/20 may be condoned if the average for the UE is equal to or greater than 10/20.</p> <p>*The mark awarded for each course is out of 20;</p> <p>*The mark awarded for each module (UE) is the weighted average mark of the courses making up the module expressed out of 20.</p> <p>*The final mark is the mean of all courses taken and expressed as a mark out of 20 and as a simplified ECTS 'letter' grade.</p> <p>*ECTS credits are awarded for successful completion of each module (UE). The number of credits awarded depends on the workload, 1 ECTS credit corresponding to a total workload of around 25-30 hours.</p> <p>*No ECTS credits are awarded for a failed module.</p>
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Course choices

Course work	The course catalogue of the International Semester is available online: https://www.institutoptique.fr/International/MScEng-Diplome-d-Ingenieur				
Summary of courses	7P-SEM-Int	Course Title		ECTS	<i>Hours</i>
	7P-100-SCI	Scientific computing		2	41
	7P-140-PHO	Polarization labwork		3	18
	TBD	Mentoring in polarization and laser physics		5	20
	7P-128-PHO	Physical optics 2 [4 modules]		6	
		7P-141-PHO	Non-linear optics		22,5
		7P-142-PHO	Waveguide optics		21
		7P-143-PHY	Atomic Physics		21
		7P-145-PHO	Labwork in Photonics 1: Lasers		18
	7P-129-SCI	Opto-electronics [4 modules]		5	
		7P-146-PHO	Detection Systems		21
		7P-147-PHO	Radiometry		16
		7P-149-PHO	Labwork in Photonics 2: Photometry		18
		7P-185-PHO	Colorimetry		6,5
	7P-ANG	Think International		2	26
	7P-101-FHP	Financial management		1	21
	7P-108-FHP	French as a foreign language		2	26
	7N-SP1	Specific week 1 (choose 1 out of 2)			
	7N-102-FHP	The enterprise in a global world		1,5	21
	7N-120-SCI	Engineering Project 1		1,5	31,5
	7N-SP2	Specific week 2 (choose 1 out of 2)			
	7N-115-FHP	Product and strategic Marketing		1,5	
	7N-118-SCI	Basics of Solidworks		1,5	28
	7P-SP3	Specific week 3 (choose 1 out of 2)			
	7P-117-SCI	Basics of Labview		1	31,5
	7P-121-SCI	Engineering Project 2		1	31,5
	7P-LV2	Foreign language (optional)			
	7P-103-FHP	German B level		((2))	26
	7P-104-FHP	German C level		((2))	26
	7P-105-FHP	Chinese level B		((2))	26
	7P-106-FHP	Spanish level B		((2))	26
	7P-107-FHP	Spanish Level C		((2))	26
	7P-109-FHP	Japanese B level		((2))	26
	7P-110-FHP	Swedish B Level		((2))	26

Accommodation

Accommodation	<p>International students are generally proposed housing in single rooms with en-suite facilities, on the Paris-Saclay Campus. Other accommodation is possible at neighbouring university halls of residence managed by CROUS or at a number of new privately managed university residences.</p> <p>General information: https://www.institutoptique.fr/Formation/Vie-etudiante/Vie-sur-le-campus</p> <p>More detailed information: https://www.institutoptique.fr/Formation/Vie-etudiante/Vie-sur-le-campus/logements</p>
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Health Insurance

Health and civil liability insurance	<p>Students should ensure they have adequate health and civil liability insurance. Students from European countries should be covered by their local health insurance system; students from non-European countries should make their own arrangements.</p> <p>For further information consult the Campus France pages at https://www.campusfrance.org/en/healthcare-student-social-security</p>
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