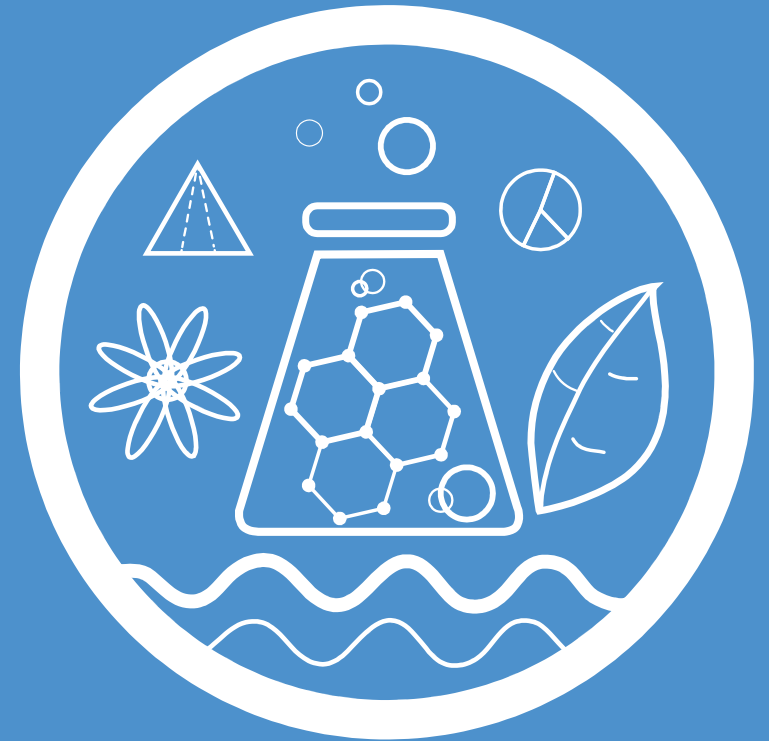


Universidade do Minho
Escola de Ciências

School of Sciences University of Minho





1.

EDUCATION at ECUM





STUDYING AT THE SCHOOL OF SCIENCES

DEPARTMENTS

BIOLOGY

PHYSICS

EARTH SCIENCES

MATHEMATICS

CHEMISTRY

EDUCATION

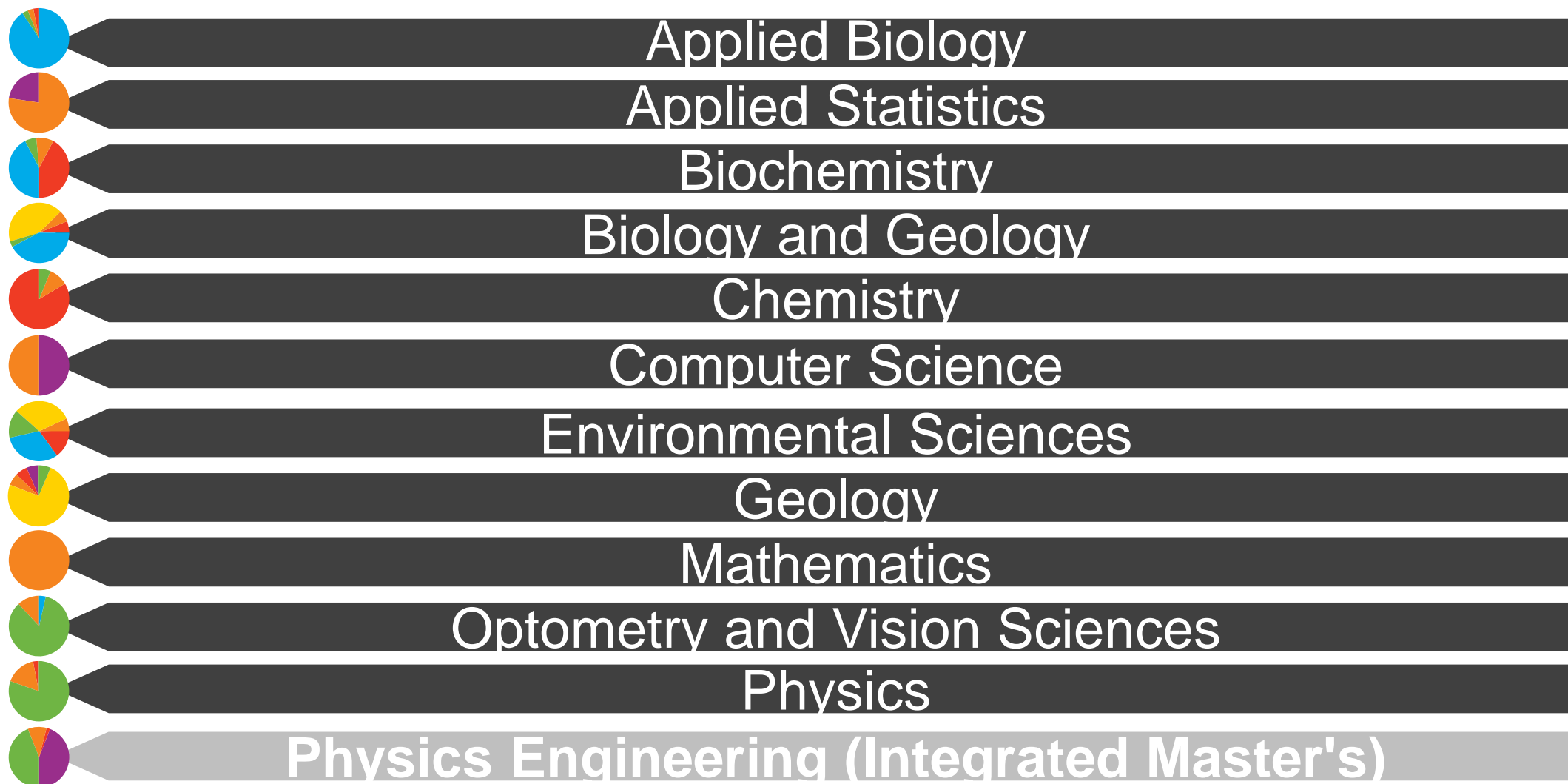
Undergraduate Degrees – 11 Courses

Master Programmes – 14 MSc

Doctoral Programmes – 11 PhD



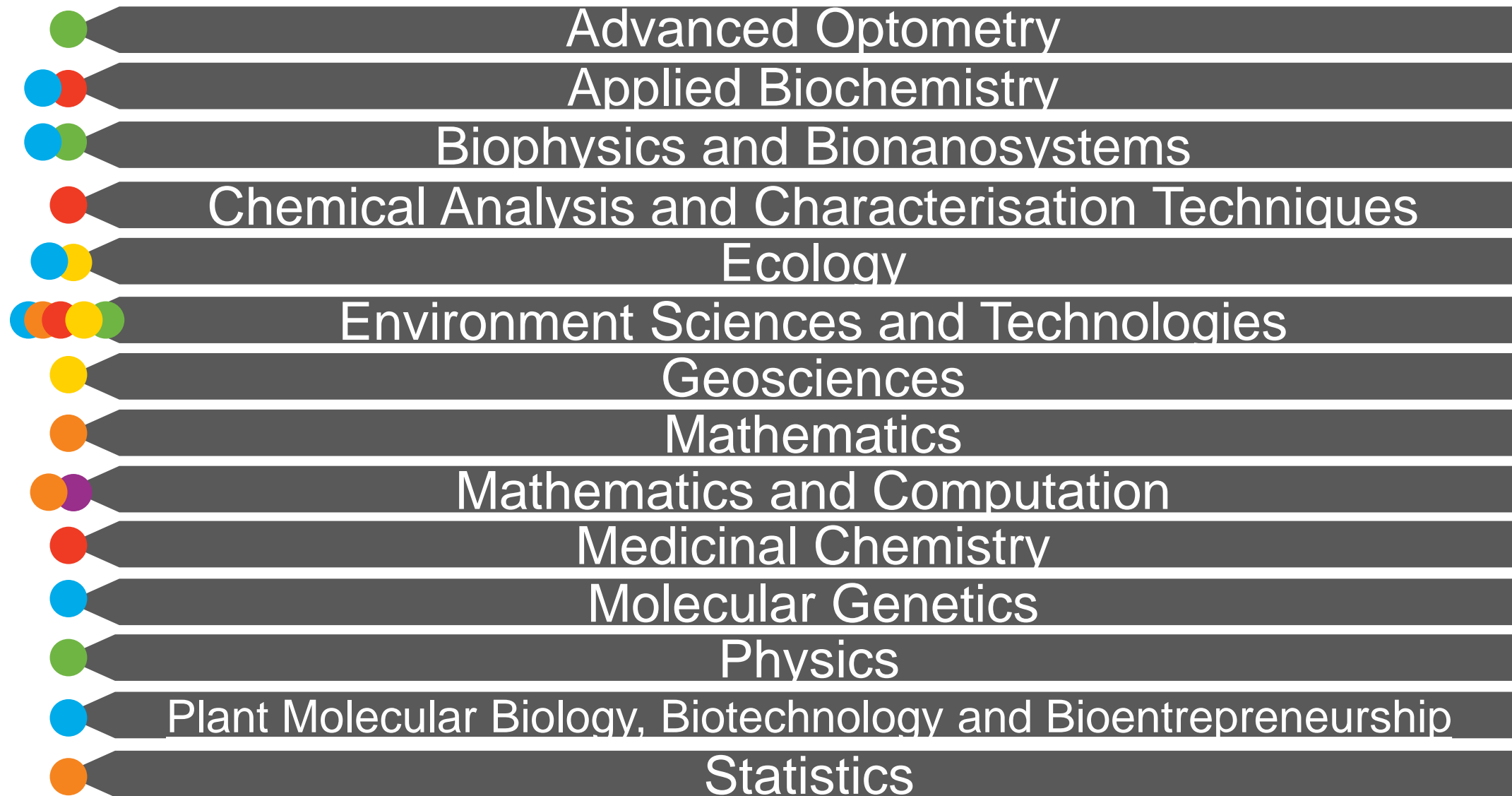
UNDERGRADUATE DEGREES



● Biology ● Chemistry ● Geology ● Mathematics ● Physics ● Engineering














MASTER PROGRAMMES





DOCTORAL PROGRAMMES

-  Agricultural Production Chains - from fork to farm*
 -  Applied Mathematics MAP-PDMA*
 -  Doctoral Program in Chemistry
 -  Marine Science, Technology and Management*
 -  Molecular and Environmental Biology
 -  Optometry and Vision Sciences
 -  Physics MAP-fis*
-
-  Doctorate in Applied Chemistry
 -  Doctorate in Biology
 -  Doctorate in Geology
 -  Doctorate in Mathematics

* Interinstitutional PhD



2.

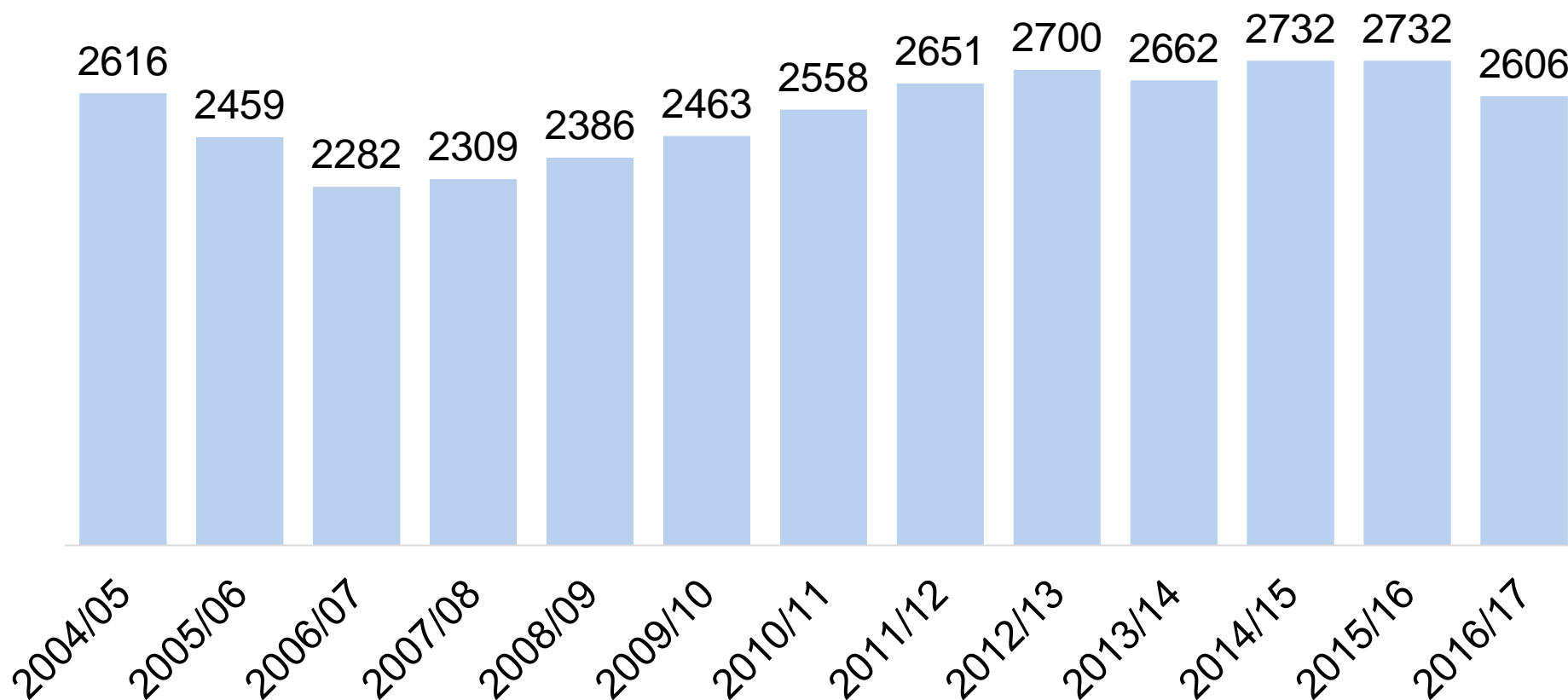
NUMBERS IN EDUCATION





EVOLUTION OF THE TOTAL NUMBER OF STUDENTS ASSIGNED TO THE SCHOOL IN ALL STUDY CYCLES (C1 + C2 + C3) (2004-2016)

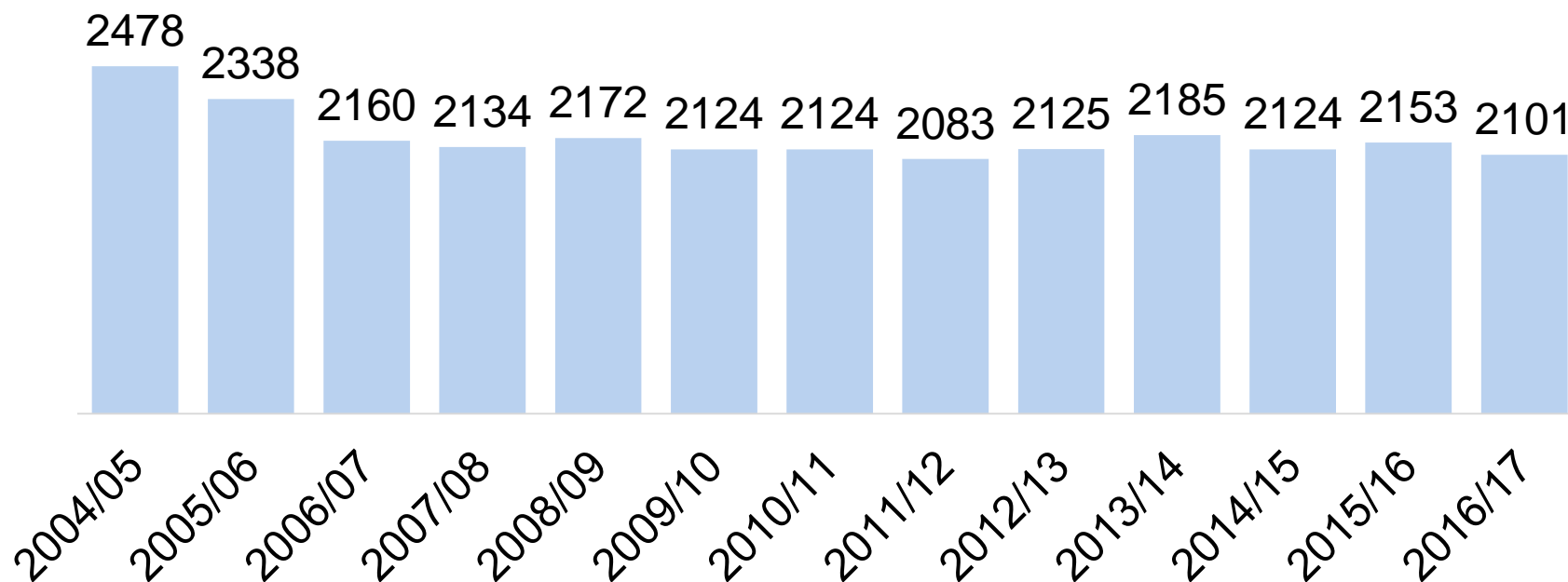
Total Students from ECUM





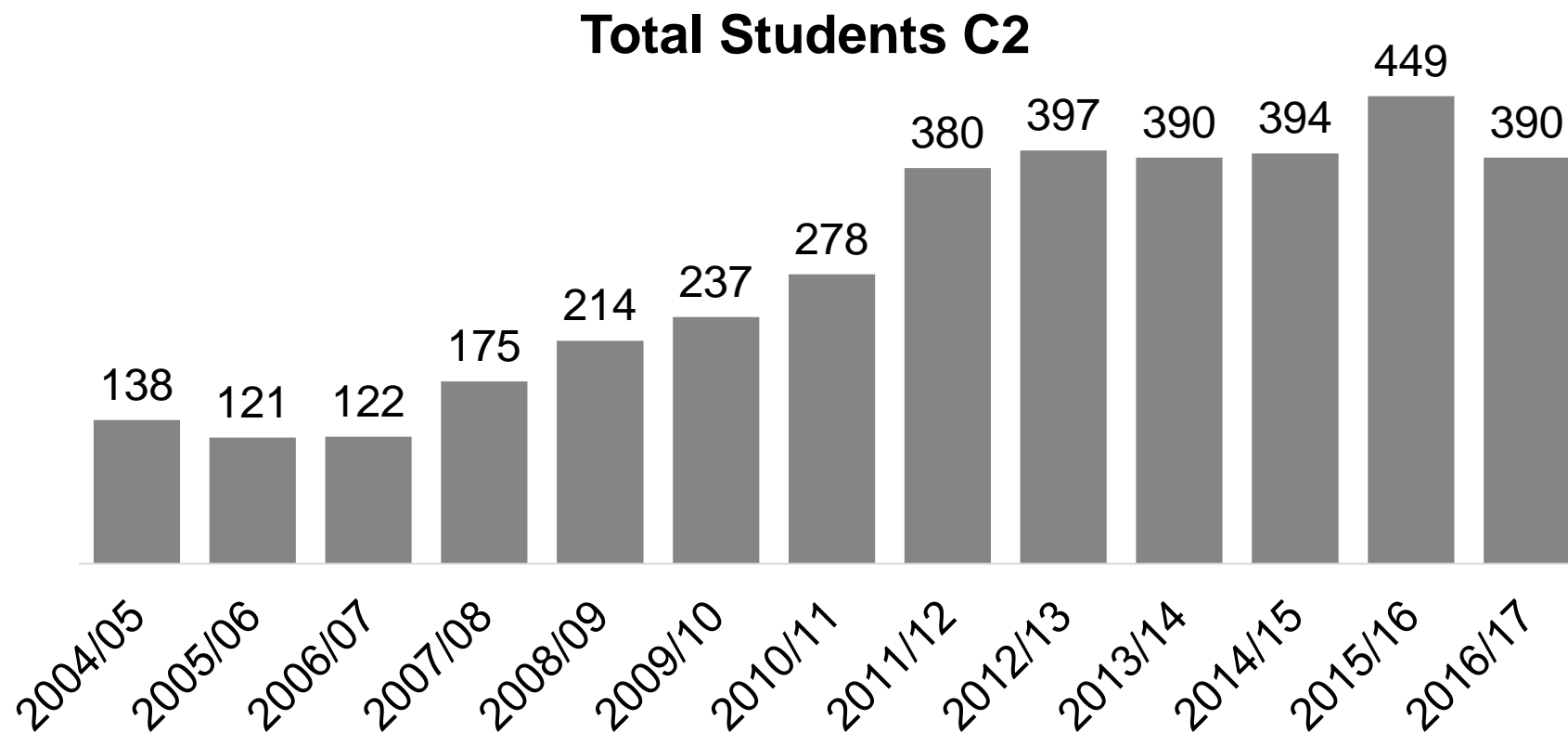
EVOLUTION OF THE TOTAL NUMBER OF STUDENTS ALLOCATED TO THE SCHOOL IN C1 (2004-2016)

Total Students C1



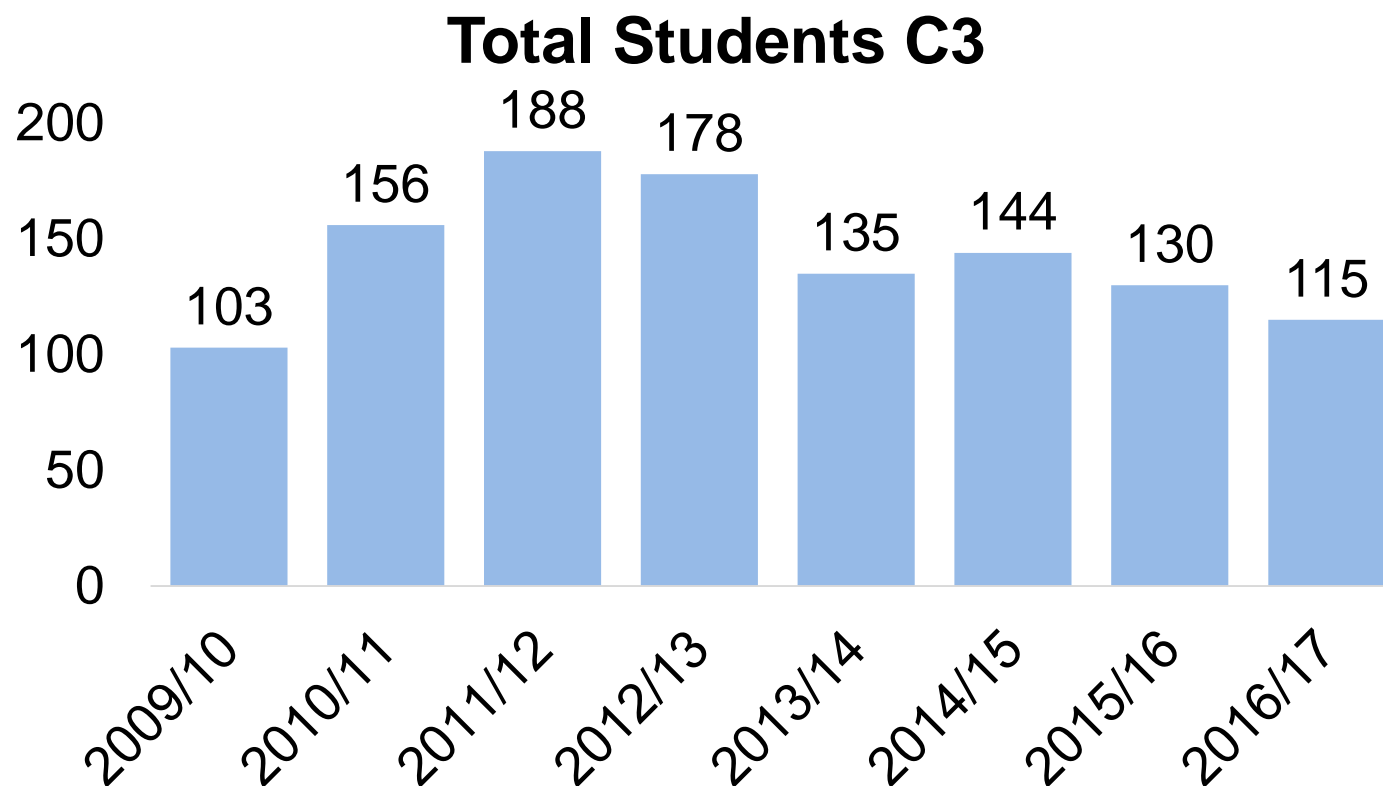


EVOLUTION OF THE TOTAL NUMBER OF STUDENTS ALLOCATED TO THE SCHOOL IN C2 (2004-2016)





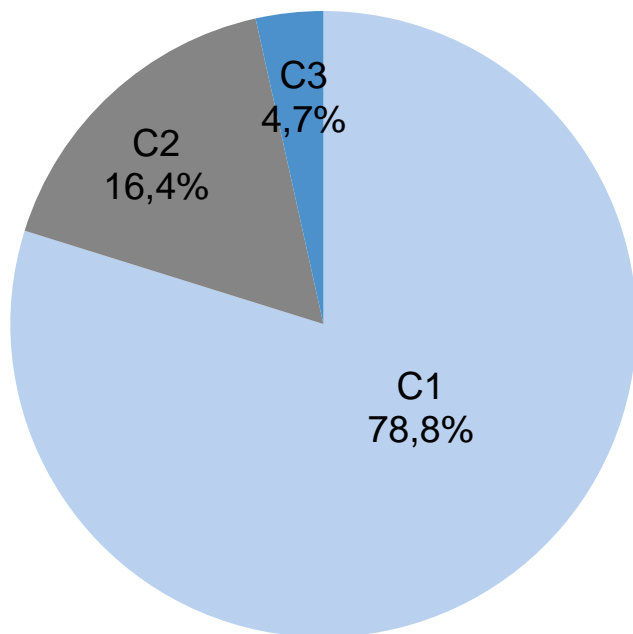
EVOLUTION OF THE TOTAL NUMBER OF STUDENTS ALLOCATED TO THE SCHOOL IN C3 (2004-2016)



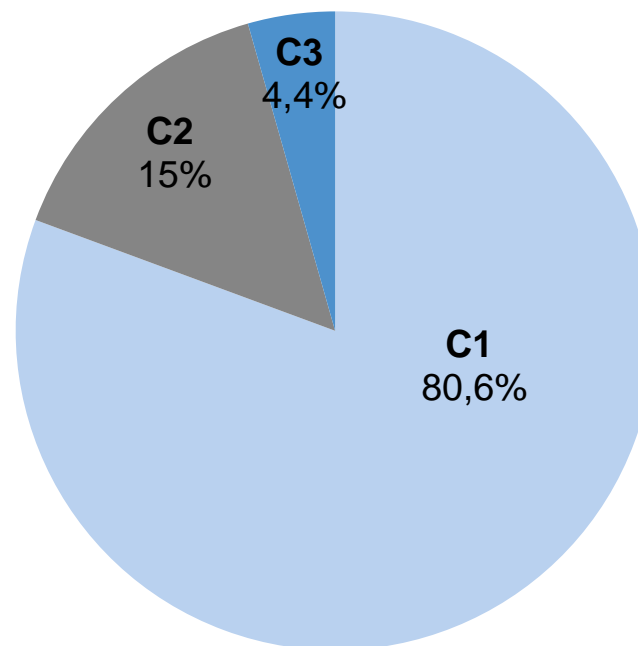


VARIATION IN % OF STUDENTS ALLOCATED TO THE SCHOOL IN C1, C2 AND C3 BETWEEN 2015/2016 AND 2016/2017

2015/2016

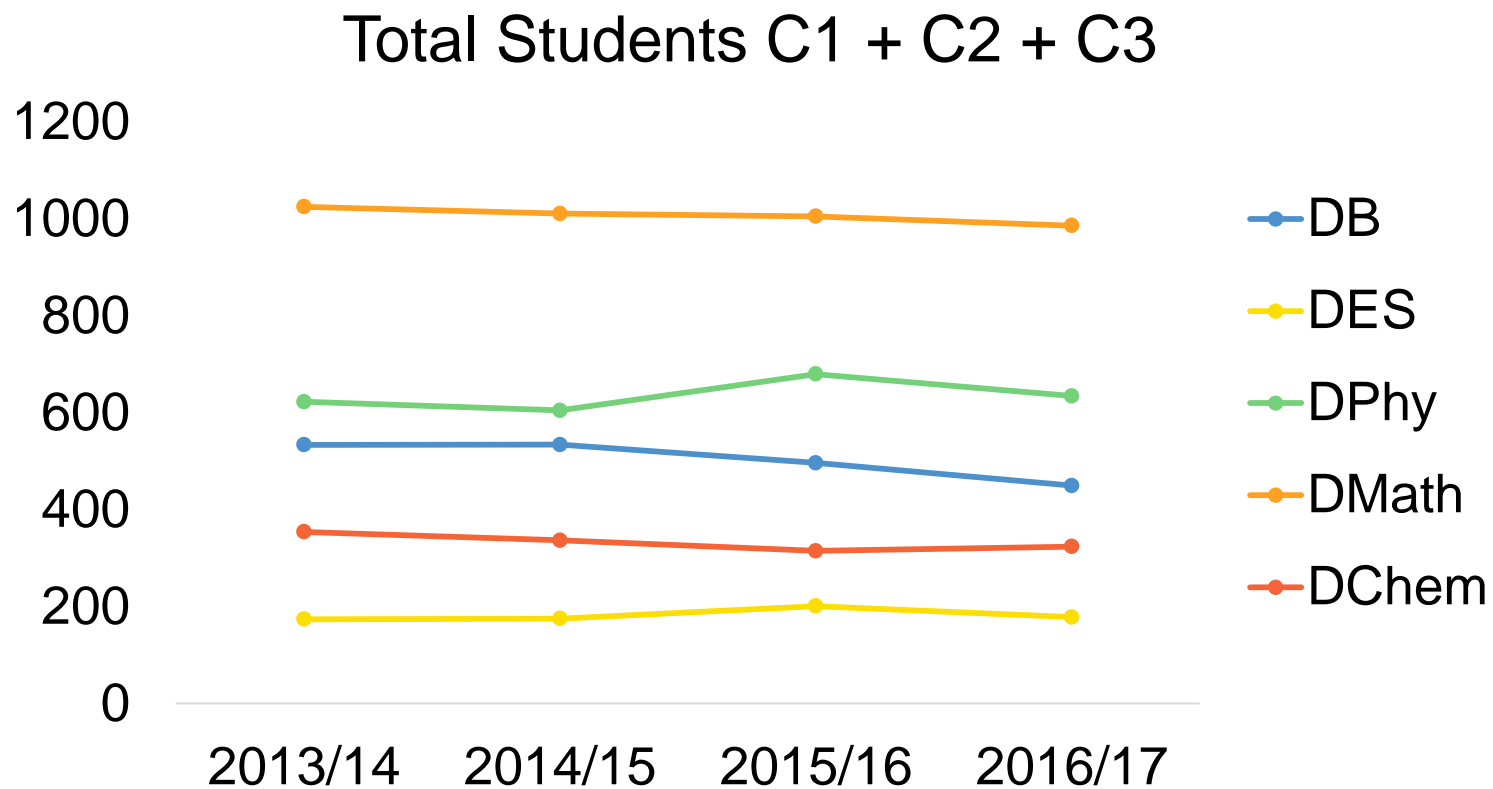


2016/2017





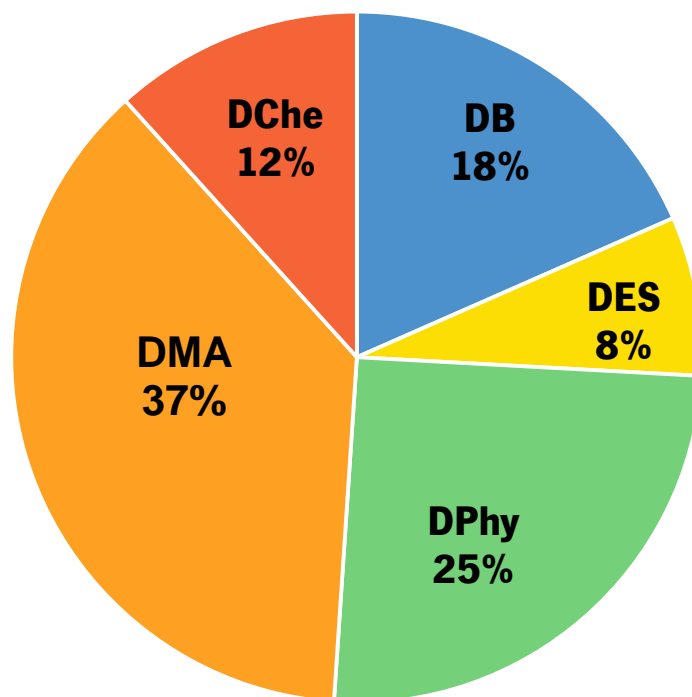
EVOLUTION OF THE NUMBER OF STUDENTS ALLOCATED TO THE SCHOOL OF SCIENCES BY DEPARTMENT (2013-2016)



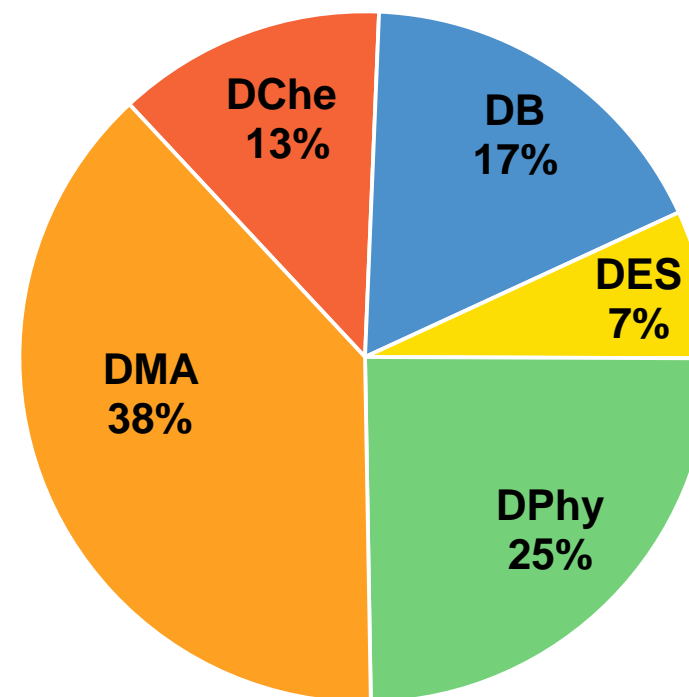


DISTRIBUTION OF STUDENTS ALLOCATED BY THE DEPARTMENTS OF THE SCHOOL OF SCIENCES (2015/2016 AND 2016/2017)

2015/2016



2016/2017





EVOLUTION OF STUDENTS PLACED IN C1 COURSES (2010-2016)

UNDERGRADUATE DEGREES	NUMERUS CLAUSUS	TOTAL CNA 2016	OTHER REGIMES (NC-CNA)	TOTAL CNA 2015	TOTAL CNA 2014	TOTAL CNA 2013	TOTAL CNA 2012	TOTAL CNA 2011	TOTAL CNA 2010
APPLIED BIOLOGY	53	55	5	51	57	61	68	67	66
BIOLOGY AND GEOLOGY	60	65	2	55	80	77	65	67	64
BIOCHEMISTRY	65	70	2	61	69	82	67	60	62
COMPUTER SCIENCE	52	55	10	52	58	61	59	56	77
ENVIRONMENTAL SCIENCES	35	37	1	35	52	49	39	42	45
APPLIED STATISTICS	20	21	0	20	21	24	20	13	23
PHYSICS	20	21	3	17	9	10	11	37	38
GEOLOGY	25	26	1	21	32	21	24	28	29
MATHEMATICS	26	26	6	24	22	36	39	37	53
OPTOMETRY AND VISION SCIENCES	60	63	4	58	69	73	74	76	77
CHEMISTRY	20	17	0	13	13	11	39	31	23
TOTAL	436	456	34	407	482	505	505	514	557

CNA - National Competition for Access to Higher Education



DISTRIBUTION OF STUDENTS WHO COMPLETED THE STUDY CYCLE OF C1 (2010-2016)

UNDERGRADUATE DEGREES	2016	2015	2014	2013	2012	2011	2010
APPLIED BIOLOGY	54	52	49	61	40	46	46
BIOLOGY AND GEOLOGY	55	21	39	23	39	22	22
BIOCHEMISTRY	58	57	48	38	32	32	32
COMPUTER SCIENCE	18	16	32	61	29	20	20
ENVIRONMENTAL SCIENCES	24	14	15	10	0	0	0
APPLIED STATISTICS	10	13	11	7	7	18	18
PHYSICS	8	7	13	6	8	4	4
GEOLOGY	8	9	2	3	1	-----	0
MATHEMATICS	16	31	18	12	17	18	18
OPTOMETRY AND VISION SCIENCES	53	52	67	46	48	56	56
CHEMISTRY	22	11	15	26	15	27	27
TOTAL	326	283	309	296	236	243	243



3.

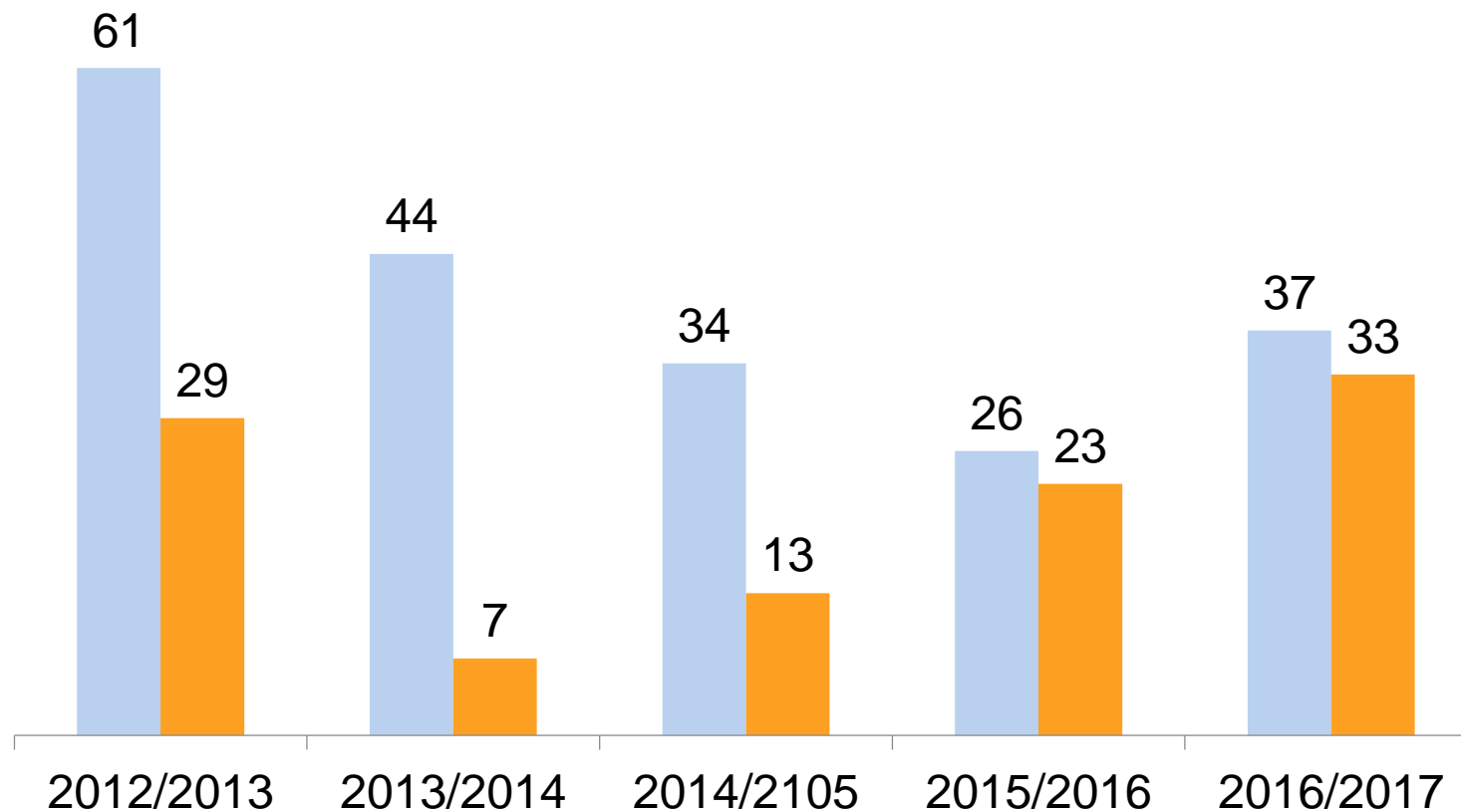
Student Mobility





MOBILITY OF STUDENTS OF THE SCHOOL OF SCIENCES (LAST FIVE YEARS)

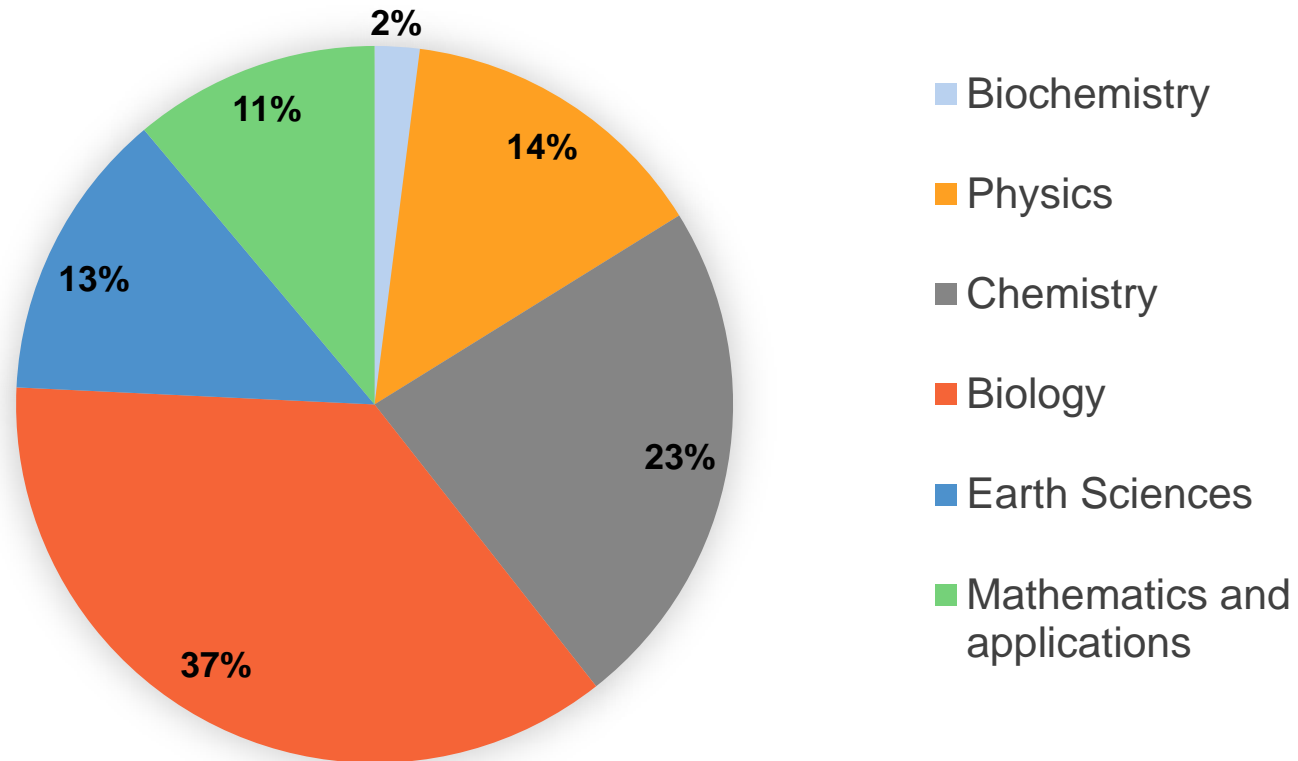
■ Mobility INCOMING ■ Mobility OUTGOING





MOBILITY OF STUDENTS OF THE SCHOOL OF SCIENCES BY KNOWLEDGE AREA

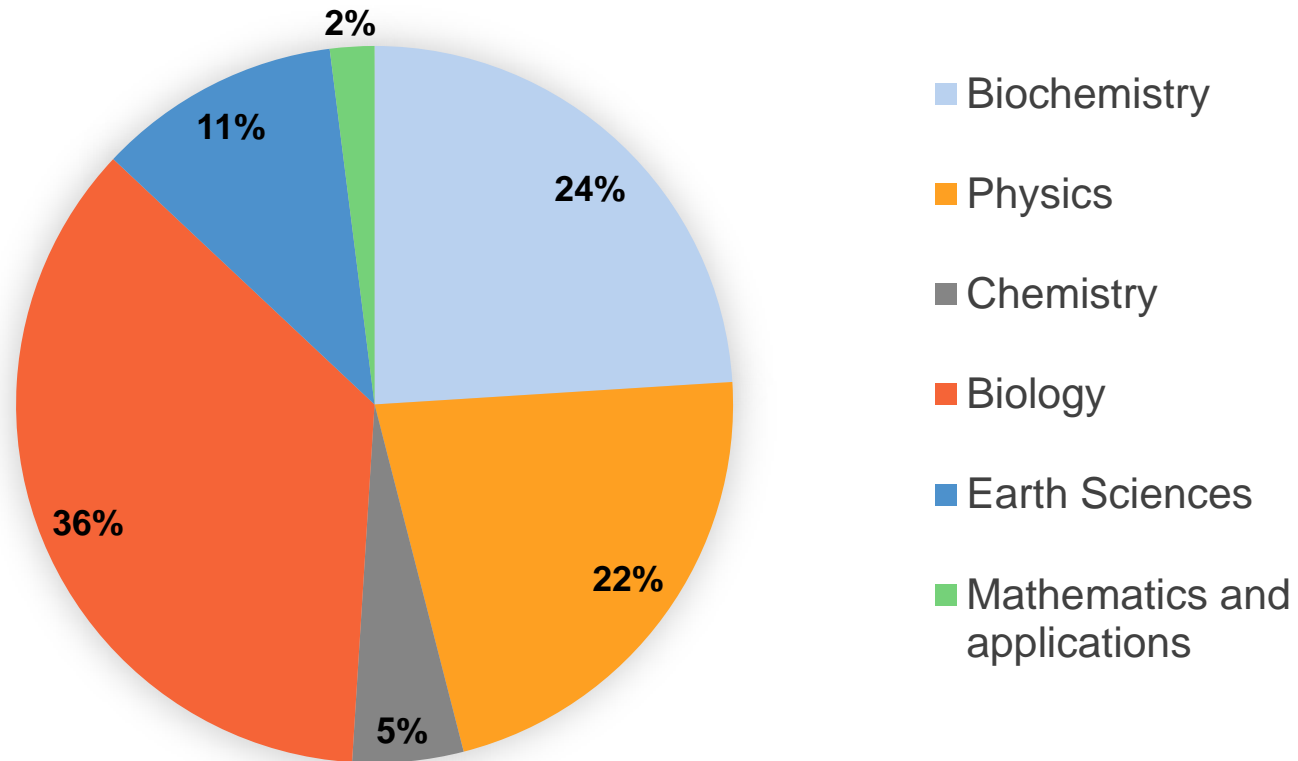
Mobility INCOMING
2015 to 2017





MOBILITY OF STUDENTS OF THE SCHOOL OF SCIENCES BY KNOWLEDGE AREA

Mobility OUTGOING
2015 to 2017





4.

RESEARCH





ORGANIC STRUCTURE OF THE ECUM

PRESIDENCY

DEPARTMENTS

BIOLOGY

PHYSICS

EARTH SCIENCES

MATHEMATICS

CHEMISTRY

RESEARCH CENTRES

CENTRES OF BIOLOGY (3)

CENTRE OF PHYSICS

CENTRE OF EARTH SCIENCES

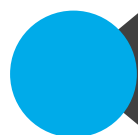
CENTRE OF MATHEMATICS

CENTRE OF CHEMISTRY

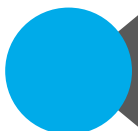


RESEARCH AREAS

Subunits of ECUM



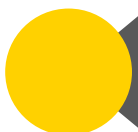
Centre of Molecular and Environmental Biology (CBMA)



Centre of Functional Biology of Plants (CBFP)



Centre of Physics (CF)



Centre of Earth Sciences (CCT)



Centre of Mathematics (CMAT)



Centre of Chemistry (CQUI)



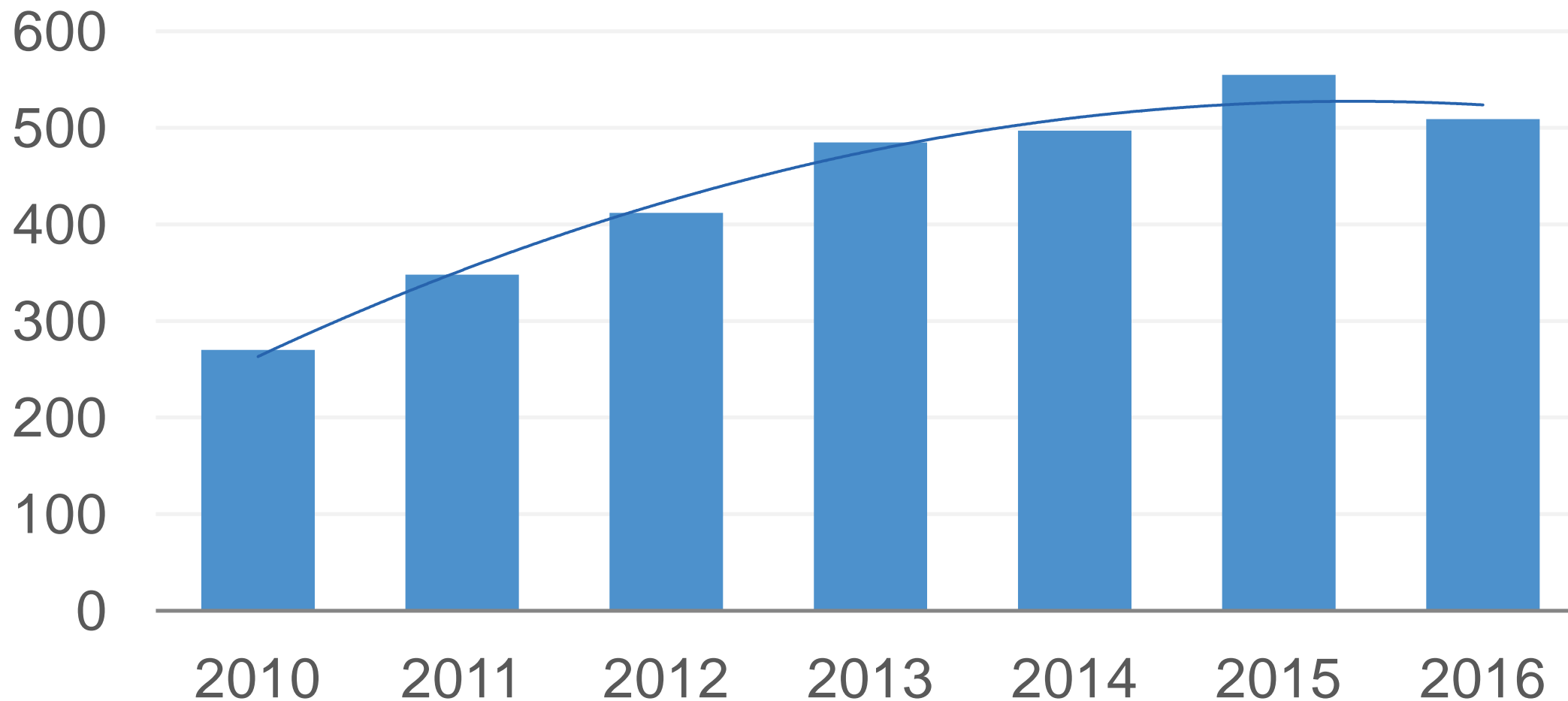
5.

NUMBERS IN RESEARCH





SCIENTIFIC OUTPUT (ISI PAPERS)



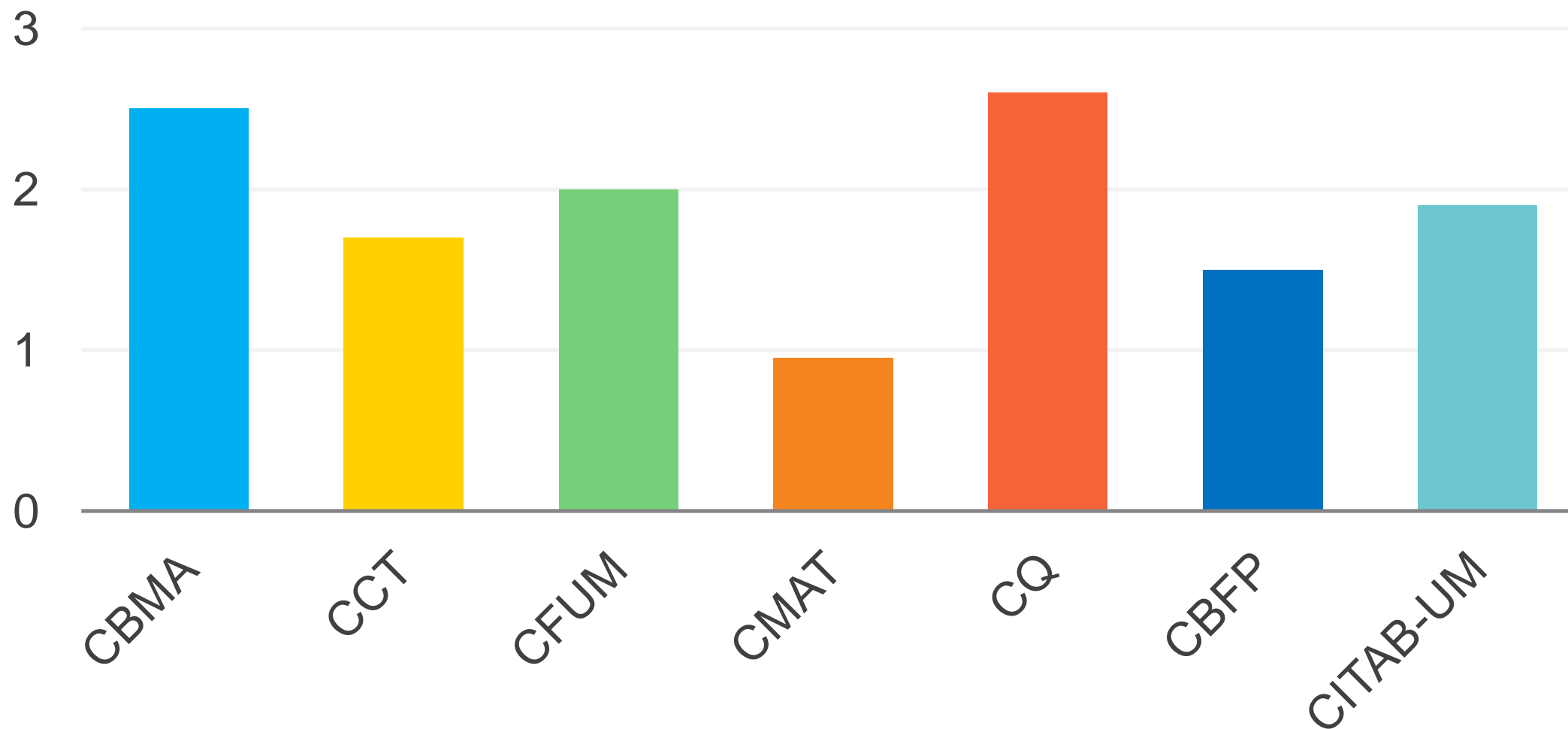


Research Units – Number of Researchers (2016)

	CBMA	CBFP	CCT	CFUM	CMAT	CQUM	CITAB-UM	LIP-MINHO
	EXCELLENT	EXCELLENT	EXCELENT	VERY GOOD	GOOD	GOOD	VERY GOOD	EXCELENT
PROFESSORS	21	3	9	50	54	25	8	6
RESEARCHERS	5	0	0	3	0	0	0	0
COLLABORATORS	9	0	4	0	0	2	0	1
POST-DOCS	12	1	0	16	2	2	2	2
PHD STUDENTS	40	8	8	48	23	26	9	5
MASTER STUDENTS	70	7	26	69	*	89	40	7

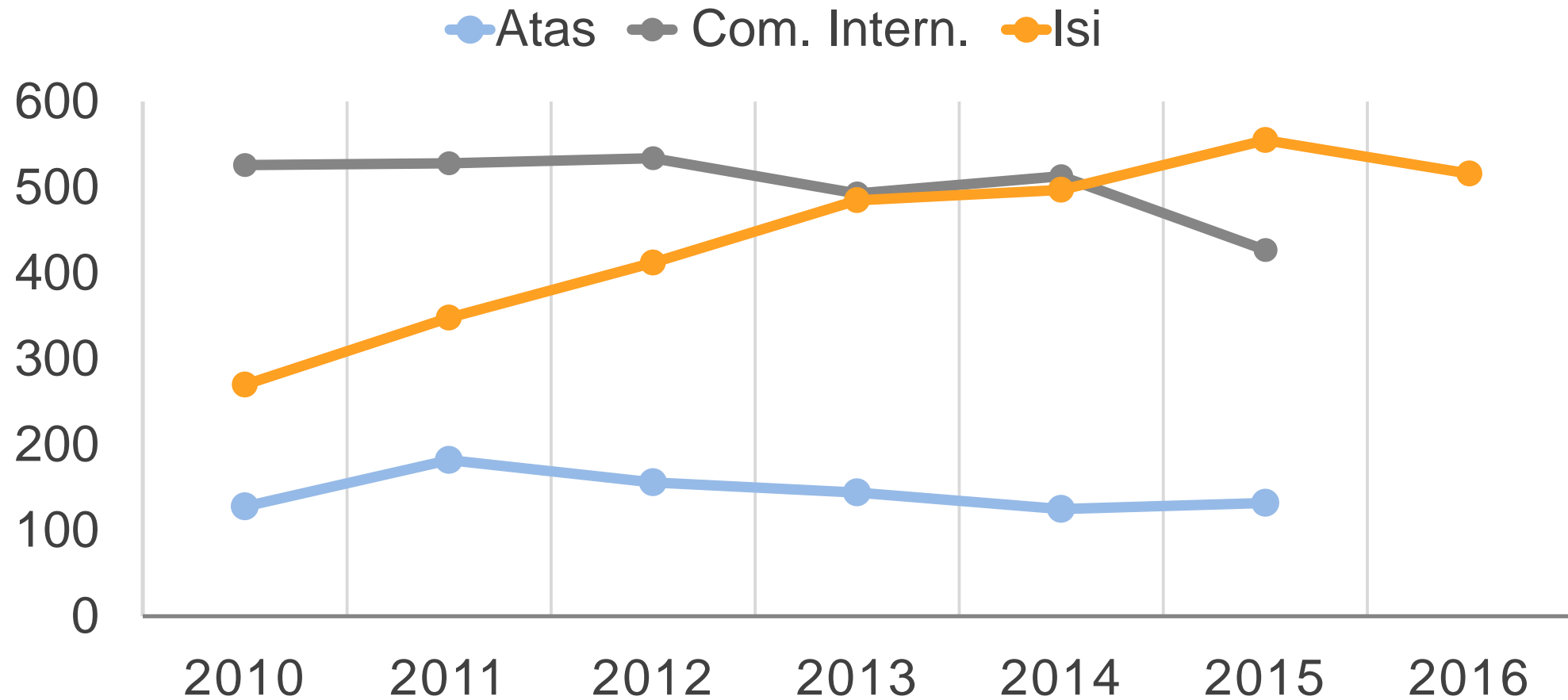


Publications per researcher with PhD (2016)



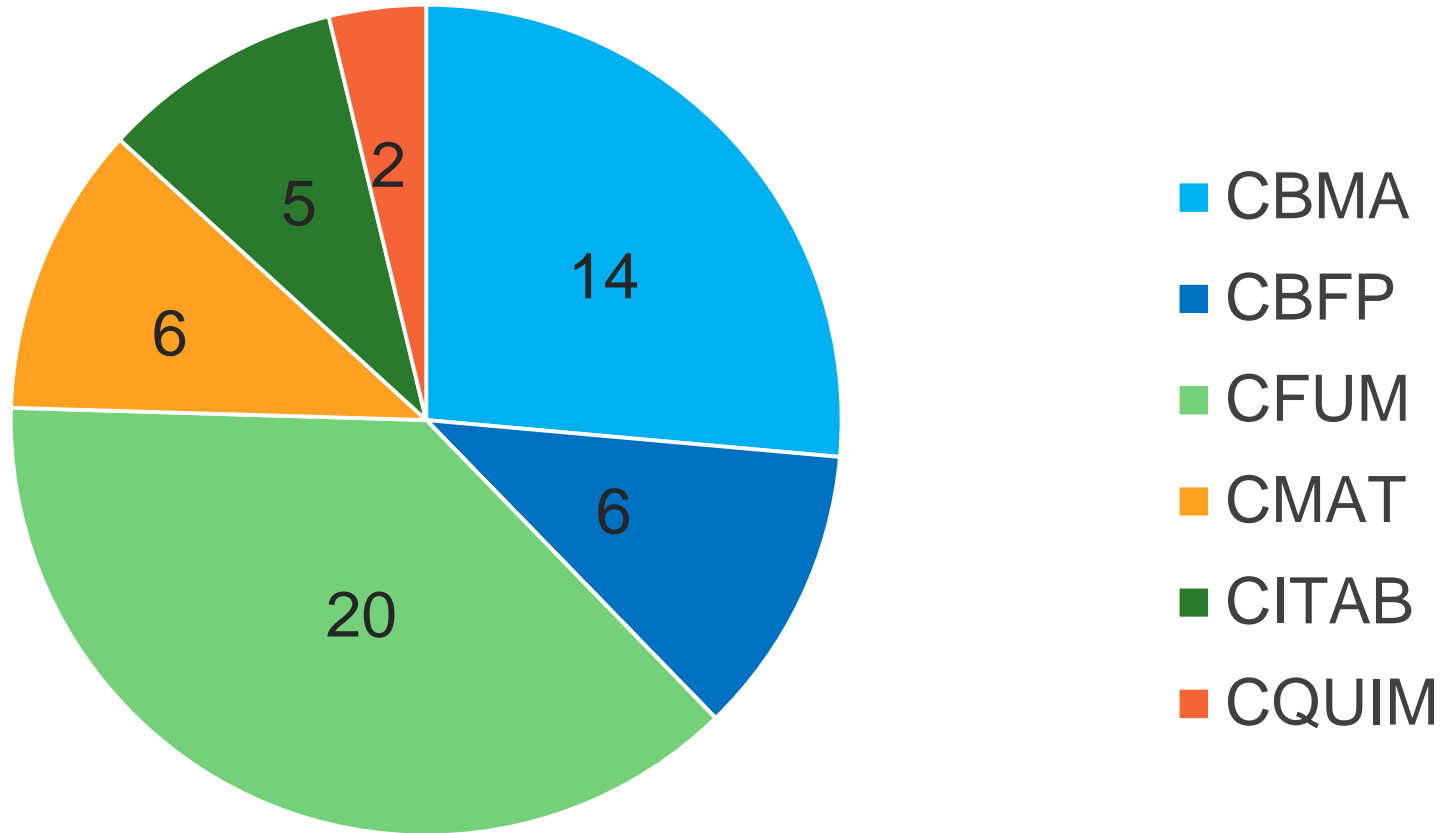


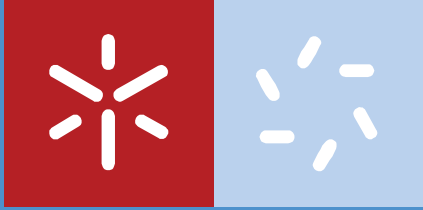
Internacional Publications (ISI) and Proceedings (2016)





Number of Projects per Centre – National and International **(2016)**





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