

Women in optics

(in)Equality between men and
women at the university of Bordeaux

Presentation of the university of Bordeaux

Education

+ 50 000 students, including 12% foreign students
Nearly 2000 PhD students
26 training units faculties, schools and institutes

Research

>-74 research units, including 72% associated with research organizations (CNRS, INSERM, INRA, INRIA, CEMAGREF, IFREMER CEA ...)
- 15 technological platforms
- 8 doctoral schools

Staff

5,800 personnel including 3,000 faculty and researchers and Personal hosted 2000 (CNRS, INSERM, etc.)

Students at the université of Bordeaux

- 58.5% of Bordeaux university students are women.
Stable proportion over the years.

But differences across colleges..

4 women for 10 étudiants en ST.
7 women for 10 étudiants en SH.

Same trend at national level

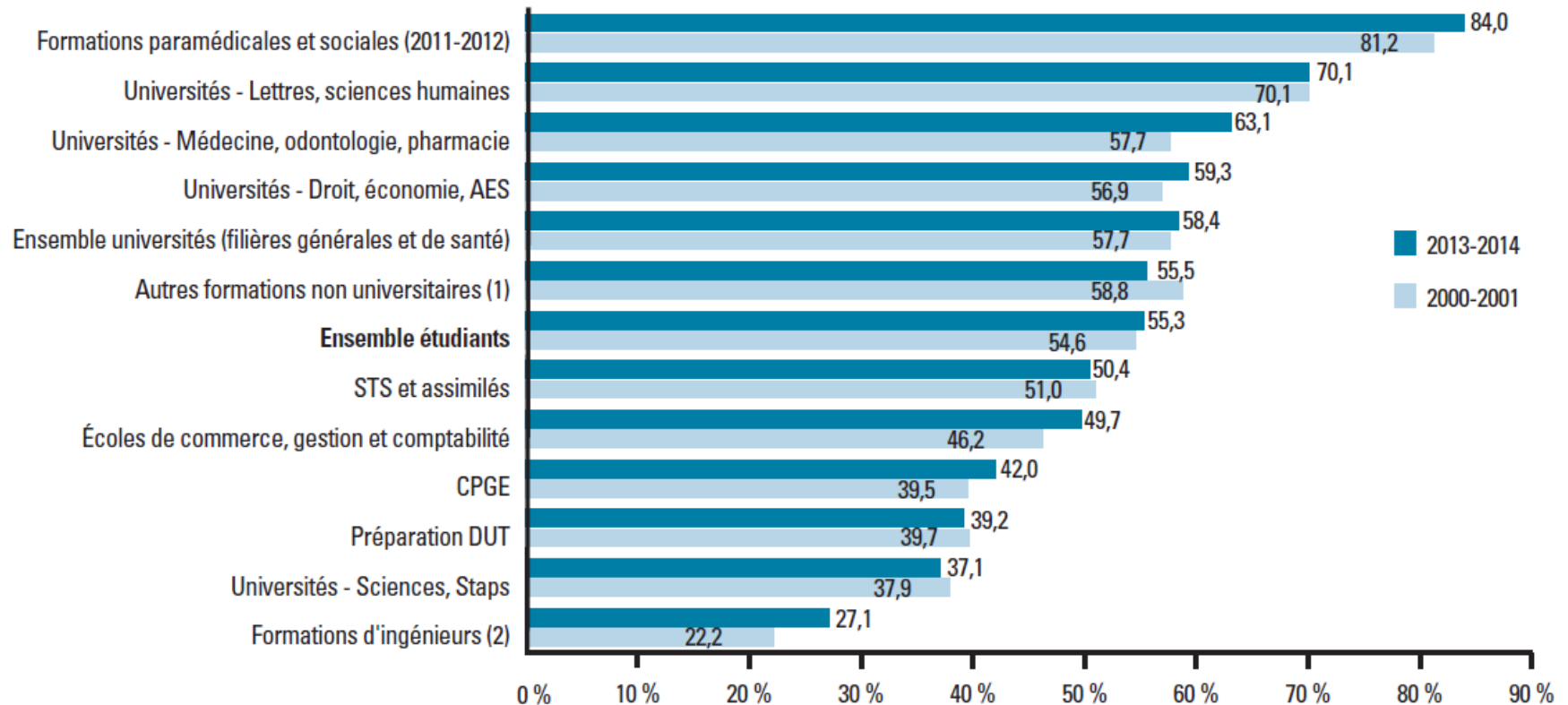
Proportion of women per School

	N b étudiants en 2014	% de fem mes 2014
Collège DSPEG	13408	60%
Collège Santé	17800	67%
Collège SH	4471	69%
Collège ST	7538	39%
Ecoles doctorales	1828	43%
ESPE	2105	76%
ISVV	243	57%
IUT	4300	39%
M édiaquitaine	38	66%
Total:	51731	59%
	Base Apogée Ubx 2014	

Registered students compared to nationwide ratio

[2] Part des femmes dans les différentes formations d'enseignement supérieur (%)

(France métropolitaine + DOM)



(1) Groupe non homogène : grands établissements, ENS, UT et INP hors ingénieurs, préparations intégrées, formations comptables non universitaires, écoles artistiques et culturelles, d'architecture, juridiques et administratives, de journalisme, vétérinaire.

(2) Y compris les formations d'ingénieurs dépendantes des universités, des INP, des universités de technologies et les formations d'ingénieurs en partenariat.

Students

percentage of women by grade and college

	Type de diplôme	N b étudiants en 2014	% fem m es 2014
Collège DSPEG	Licence	7978	59%
	M aster	3917	60%
Collège Santé	Licence	128	70%
	M aster	871	64%
	D ip lôm es de santé	16668	67%
Collège SH	Licence	3073	67%
	M aster	1220	73%
Collège ST	Licence	4906	41%
	M aster	2215	31%
ESPE	M aster	1670	74%
ISVV	Licence	23	74%
	M aster	41	59%
IUT	DUT	848	43%
	Licence	3340	37%

Same proportion : 6/10

Even more women

Even fewer women

decline in the share of women

Even fewer women

Base Apogée Ubx 2014

Zooming in on ST School

Nombre d'étudiants	2 012	% femmes 2012	2 013	% femmes 2013	2 014	% femmes 2014
DUSA	52	67%	60	73%	80	55%
UF Biologie	1 096	60%	1 133	58%	1 255	59%
UF Informatique	629	17%	673	19%	641	19%
UF Maths et Interpr.	608	40%	633	37%	803	39%
UF Physique	571	18%	524	19%	303	27%
UF Sc. Chimique	580	50%	587	48%	495	52%
UF Sc. Ingé	731	15%	793	16%	1 048	16%
UF Sc T&E	310	47%	301	49%	297	49%
	394	52%	419	49%	363	49%
Effectif total :	6 552		6 961		7 178	

Ecoles doctorales

Nombre d'étudiants	2 012	% femmes 2012	2 013	% femmes 2013	2 014	% femmes 2014
	1 920	41%	1 943	40%	1 528	43%
Effectif total :	1 920		1 943		1 528	

Zooming in on doctoral schools

41% de femmes parmi les doctorants au global en 2013.

41% of women among doctoral students overall in 2013.

	nb total	% de femmes
ED Droit	338	48%
ED entreprise, économie, société	150	39%
ED mathématiques et informatique	204	21%
ED Sc. chimiques	269	43%
ED Sc. de la vie & de la terre	291	51%
ED Sc. et environnement	128	56%
ED Sc. physiques & ingénieur	322	21%
ED Sociétés, politique, santé publique	176	57%

Base Apogée Ubx 2014

65% of the students belong to a doctoral schools whose disciplinary field of science and technology where the proportion of women is lower than in other disciplines.

Employees of the université

At 31 December 2014, 5,779 agents make up the staff of the University.

52 % women

The numbers can be divided into two broad categories:
Personal lecturers, teachers and researchers;;

38,2 % women

BIATOSS, the support staff : media, libraries, engineers, administrative, technical, social and health - personal support activities and Support

67,5 % women

	Femme	% femmes	Homme	% hommes	Total
Enseignants, chercheurs et enseignants-chercheurs	1168	38,2%	1888	61,8%	3056
Personnels BIATSS	1837	67,5%	886	32,5%	2723
Total	3005	52,0%	2774	48,0%	5779

Staff - Data Categories

The agents of the Public Service are classified according to their level of recruitment in categories designated in descending order by the letters A, B, C.

3 935 Category A agents

44 % women

524 Category B agents

66 % women

1 320 Category C agents

71 % women

	Femme	% femme	Homme	% homme	Total
Catégorie A	1721	43,7%	2214	56,3%	3935
Catégorie B	344	65,6%	180	34,4%	524
Catégorie C	941	71,3%	379	28,7%	1320
Total	3006	52,0%	2773	48,0%	5779

Effective teacher-researchers: University of Bordeaux

Degradation of the feminization rate is observed as they progress in the job categories

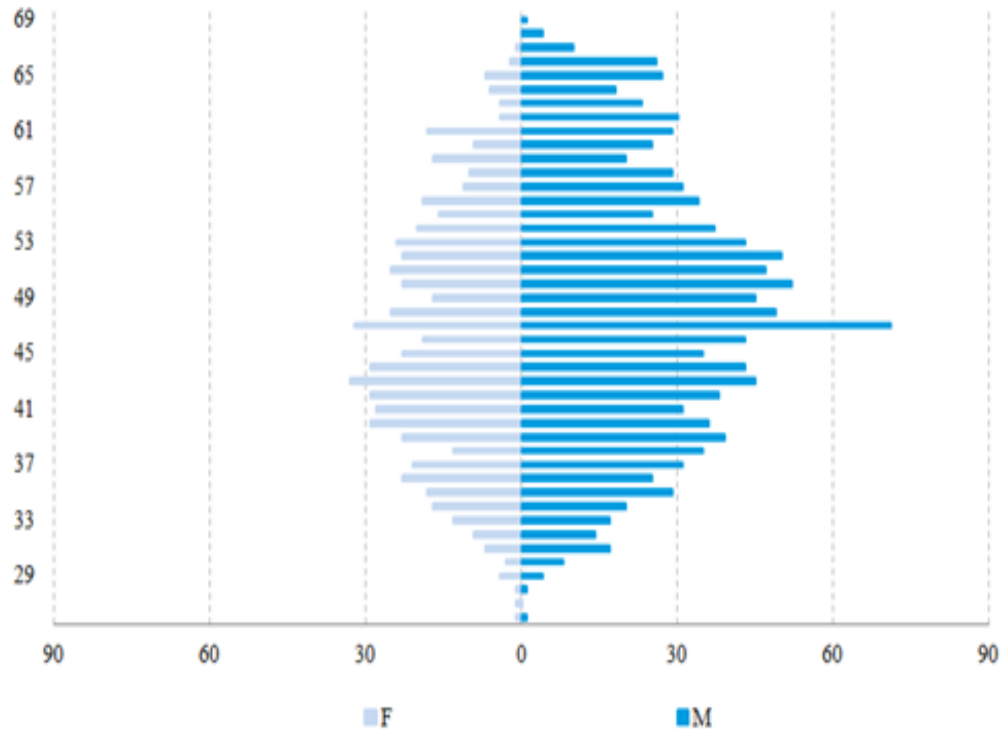
42% of Lecturers (maitres de conférences) are women (44% nationally)

16% of professors are women (24% at national level)

women researchers in optics and chemistry: grade division

CNU	France				University of Bordeaux			
	MCF		Pr		MCF		PR	
	M	F	M	F	M	F	M	F
30. Optics	308	80 (20,6%)	205	33 (13,9%)	14	3 (18%)	12	1 (8%)
33 Chimie des matériaux	329	265 (44,6%)	246	71 (22,4%)	9	8 (47%)	11	1 (8%)

Age pyramid of Faculty Members of Public Service (lecturers and professors)



+ 60 years: 21% women

50 – 60 years : 34 % women

40 – 50 years: 39 % women

30 – 40 ans : 42 % women

- De 30 ans : 45 % women

National data. Proportion of women and men at the university

Part des hommes et des femmes à l'université (2011)

