







Source: SEP

GUIDING PRINCIPLES OF STEM:

 Promote inquiry-based learning, critical thinking and scientific practice.



• Encourage active teaching and autonomous thinking that allows for exploratory, reflective, creative and transformative learning.

• Empower generations to use science, technology, engineering and mathematics (STEM) skills and reflective reasoning to solve complex problems and innovate.

• To face the challenges of society and contribute to its progress in different areas.





AND WHY CAN'T YOU MISS THIS TRAIN?

Source: EPA (INE).

WOMEN IN THE STEM SECTOR

LABOR PARTICIPATION

STEM occupations, by gender

Women Men **72.7**%

STEM occupations, out of total

8.1%

92.8%

Source: Observatorio FP.

STEM VET & HNC

374,325Enrolled students in STEM VET & HNC (2022-2023)



13.2%
Women enrolled in STEM VET & HNC (2022-2023)

12.3%
Women STEM VET & HNC graduates (2021-2022)

Total employed population with VET & HNC 24.6%

THE GENDER GAP IN STEM OCCUPATIONS

Source: ESADE.

STEM WOMEN

The percentage of women in a STEM occupation out of the total number of women employed in Spain in 2022 is 5.6%.



STEM YOUTH

Women under 30 years of age who are engaged in STEM occupations reach 9%, to drop to 7% among those aged 30 to 44 years.



STEM OCCUPATIONS

Only 1 in 4 STEM jobs is held by a woman, a proportion that has remained constant since 2011.



STEM SECTORS

By sector, STEM occupations have a lower female presence: construction (18%) and information and communications (23%).



STEM INCORPORATION

Female STEM graduates are, 5 years later, about 2.7% less likely to be employed in the sector than their male counterparts.



UNIVERSITY STUDENTS STEM

69.3% Men 30.7% Women

STEM Graduation

Source: SEPE.

Master's Degree Graduates

89%
Non STEM
Degree

11%
STEM
Degree

30.7% Women

THE LABOR MARKET FOR STEM OCCUPATIONS IN SPAIN

Source: ESADE.

High demand



STEM profiles are being highly demanded in technological profile fields due to the digitalization of our society.

Attractive salaries



International opportunities



Many of the STEM professions are also in demand in abroad.

This opens doors to labor mobility for Spanish professionals.

STEM professions offer higher salaries due to specialization and the scarce number of qualified professionals in these fields.