

PRESENTATION BANKING, FINANCE & INVESTMENTS (BFI)

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- **Banking, Finance & Investments**
- **University of Malta**
- **November 2025**

The most important question in choosing a major

Will I be able to choose an area where **AI** will not make my job **redundant/obsolete** in 5/10/20 years time....

While some forms of AI are already being used, I think that various aspects of finance will still require a **human touch**....



**AI IS COMING
FOR YOUR JOB**



Financial Times

<https://www.ft.com> › ... › Technology › Work & Careers

Where have all the entry-level jobs gone? | FT Working It

29 Sept 2025 — The promise of AI's workplace abilities and economic uncertainties have caused many companies to take pause while **graduate-level unemployment** is ...



Financial Times · Financial Times

<https://www.ft.com> · 28 Sept 2025

The graduate 'jobpocalypse': Where have all the entry-level ...



Entry-level jobs are disappearing. The promise of AI's workplace abilities and economic uncertainties have caused many companies to take ...



Financial Times

<https://www.ft.com> › ... › Education › Employment

It's been a terrible year to graduate and find a job

29 Aug 2025 — **Students** are making more job applications than ever — and their success rate is among the lowest in at least 30 years.



Financial Times

<https://www.ft.com> › Americas › Economy › Europe

Jobpocalypse Now? Really?

10 Oct 2025 — In Greece, the **unemployment** rate for recent **graduates** fell to just over 10 per cent last year, down from over 40 per cent during the sovereign ...

Canaries in the Coal Mine? Six Facts about the Recent Employment Effects of Artificial Intelligence

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August 26, 2025

Abstract

This paper examines changes in the labor market for occupations exposed to generative artificial intelligence using high-frequency administrative data from the largest payroll software provider in the United States. We present six facts that characterize these shifts. We find that since the widespread adoption of generative AI, early-career workers (ages 22-25) in the most AI-exposed occupations have experienced a 13 percent relative decline in employment even after controlling for firm-level shocks. In contrast, employment for workers in less exposed fields and more experienced workers in the same occupations has remained stable or continued to grow. We also find that adjustments occur primarily through employment rather than compensation. Furthermore, employment declines are concentrated in occupations where AI is more likely to *automate*, rather than *augment*, human labor. Our results are robust to alternative explanations, such as excluding technology-related firms and excluding occupations amenable to remote work. These six facts provide early, large-scale evidence consistent with the hypothesis that the AI revolution is beginning to have a significant and disproportionate impact on entry-level workers in the American labor market.

**The second
most
important
question in
choosing a
major**

Do I like Finance,
Banking,
Investments,
Trading,
Crypto....

DO I LIKE FINANCE?

- Watch some of these films and see if you like the topic? (see link to trailers at end of the presentation)
- The Wolf of Wall Street
- Wall Street 1 and Wall Street 2
- Boiler Room
- The Big Short
- Inside Job
- Margin Call
- Enron: The Smartest Guys in the Room
- Billions (series)
- ... and some others as well

**Why study
Banking,
Finance and
Investments
?**

**A door to a well
paid, highly
varied and
rewarding
career**

WHY BFI?

Still the major/area with the **most job openings + highest paid jobs**

No matter what happens in the future.... Financial services will still be **regulated and relevant** and there will be the **need for specialised people** to handle those jobs

BFI as a secondary major?

Finance makes the world go round....

Understanding the basics of it is understanding
how the world works

+

it does not hurt to understand how interest
rates/investments work to make wise personal
financial decisions

**The third
most
important
question
in
choosing a
major**

**Does it pay well
?**

Table 9. Average monthly basic salary for employees by sex and economic activity in the main occupation

| Economic activity | Males | | Females | | Total | |
|---|------------------|--------------|--------------------|--------------------|--------------------|--------------------|
| | No. of employees | Average (€) | No. of employees | Average (€) | No. of employees | Average (€) |
| October-December 2024 | | | | | | |
| Agriculture, forestry and fishing | : | : | : | : | : | : |
| Manufacturing, mining and quarrying and other industry | 23,446 | 1,855 | 7,792 | 1,638 | 31,238 | 1,801 |
| Construction | 14,670 | 1,717 | : | : | 16,156 | 1,720 |
| Wholesale and retail trade, transportation and storage, accommodation and food service activities | 44,373 | 1,678 | 24,713 | 1,636 | 69,086 | 1,663 |
| Information and communication | 10,876 | 2,489 | 5,138 ^u | 2,304 ^u | 16,014 | 2,430 |
| Financial and insurance activities | 8,794 | 3,003 | 9,171 | 2,560 | 17,965 | 2,777 |
| Real estate activities | : | : | : | : | 2,252 ^u | 1,743 ^u |
| Professional, scientific, technical, administration and support service activities | 12,847 | 2,029 | 15,187 | 1,860 | 28,034 | 1,937 |
| Public administration, defence, education, human health and social work activities | 30,610 | 2,205 | 45,802 | 1,995 | 76,212 | 2,079 |
| Other services | 18,243 | 2,485 | 9,475 | 2,259 | 22,718 | 2,390 |
| Total | 161,991 | 2,028 | 118,792 | 1,954 | 280,783 | 1,997 |
| October-December 2023 (Revised) | | | | | | |
| Agriculture, forestry and fishing | : | : | : | : | : | : |
| Manufacturing, mining and quarrying and other industry | 24,657 | 1,723 | 6,727 | 1,505 | 31,384 | 1,676 |
| Construction | 12,116 | 1,597 | : | : | 14,399 | 1,575 |
| Wholesale and retail trade, transportation and storage, accommodation and food service activities | 41,074 | 1,599 | 24,018 | 1,368 | 65,092 | 1,514 |
| Information and communication | 11,292 | 2,362 | 2,753 ^u | 2,180 ^u | 14,045 | 2,326 |
| Financial and insurance activities | 9,671 | 2,827 | 7,853 | 2,248 | 17,524 | 2,568 |
| Real estate activities | : | : | : | : | : | : |
| Professional, scientific, technical, administration and support service activities | 12,769 | 1,890 | 14,050 | 1,844 | 26,819 | 1,866 |
| Public administration, defence, education, human health and social work activities | 27,265 | 2,000 | 46,122 | 1,819 | 73,387 | 1,886 |
| Other services | 12,455 | 2,155 | 8,891 ^u | 1,943 ^u | 21,346 | 2,067 |
| Total | 153,705 | 1,896 | 113,282 | 1,747 | 266,987 | 1,833 |

BFI students

B.Com in 3 years Full Time

**+ 1.5 years = Masters In Banking, Finance
and Investments**

**Full Time (but only 2 afternoons per week of
lectures)**

Students with Masters degree (once you get the Masters in Banking, Finance and Investments

Table 11. Average monthly basic salary for employees by sex and occupational group

| Occupational group | Males | | Females | | Total | |
|--|---------------------------------|--------------|--------------------|--------------------|------------------|--------------|
| | No. of employees | Average (€) | No. of employees | Average (€) | No. of employees | Average (€) |
| | October-December 2024 | | | | | |
| Armed Forces | : | : | : | : | : | : |
| Managers | 17,767 | 3,335 | 13,761 | 2,957 | 31,528 | 3,170 |
| Professionals | 31,136 | 2,810 | 33,397 | 2,409 | 64,533 | 2,602 |
| Technicians and associate professionals | 24,150 | 2,010 | 13,994 | 2,163 | 38,144 | 2,066 |
| Clerical support workers | 14,200 | 1,577 | 16,451 | 1,598 | 30,651 | 1,588 |
| Service and sales workers | 21,168 | 1,486 | 27,963 | 1,361 | 49,131 | 1,415 |
| Skilled agricultural, forestry and fishery workers | : | : | : | : | : | : |
| Craft and related trades workers | 22,330 | 1,563 | : | : | 24,202 | 1,573 |
| Plant and machine operators, and assemblers | 12,600 | 1,445 | : | : | 14,674 | 1,425 |
| Elementary occupations | 15,128 | 1,287 | 9,179 | 1,158 | 24,307 | 1,239 |
| Total | 161,991 | 2,028 | 118,792 | 1,954 | 280,783 | 1,997 |
| Occupational group | Males | | Females | | Total | |
| | No. of employees | Average (€) | No. of employees | Average (€) | No. of employees | Average (€) |
| | October-December 2023 (Revised) | | | | | |
| Armed Forces | : | : | : | : | : | : |
| Managers | 18,734 | 2,964 | 10,934 | 2,922 | 29,668 | 2,949 |
| Professionals | 29,319 | 2,597 | 29,024 | 2,300 | 58,343 | 2,450 |
| Technicians and associate professionals | 21,573 | 1,835 | 11,775 | 1,797 | 33,348 | 1,822 |
| Clerical support workers | 12,783 | 1,484 | 17,595 | 1,488 | 30,378 | 1,490 |
| Service and sales workers | 19,916 | 1,407 | 29,474 | 1,229 | 49,390 | 1,301 |
| Skilled agricultural, forestry and fishery workers | : | : | : | : | : | : |
| Craft and related trades workers | 20,318 | 1,543 | : | : | 21,963 | 1,521 |
| Plant and machine operators, and assemblers | 13,311 | 1,418 | 2,935 ^a | 1,269 ^a | 16,246 | 1,391 |
| Elementary occupations | 15,433 | 1,205 | 9,760 | 985 | 25,193 | 1,120 |
| Total | 153,705 | 1,896 | 113,282 | 1,747 | 266,987 | 1,633 |

What do we learn ?

- **Only refer to B.Com Banking, Finance & Investments**
- **Foundations of Finance**
- **Corporate Finance**
- **Investments**
- **Regulation**
- **Banking**
- **International Banking**
- **Financial Time series**
- **Trading**
- **Portfolio Management**
- **Risk management,**
- **Cryptocurrencies, Etc.**

Which skills do you need ?

- No particular specific skills required except **basic Mathematics**
- A stronger background in **mathematics** is usually considered an asset in the industry but not essential
- Strong background in **English** oral and written
- Need to be **curious** and have an interest in following business news, and more particularly what and how things are done in real corporate life, etc.
- **Willing to learn** how to use **specific software and databases**
- **Using Microsoft Power Bi**
- **Using Co-pilot or similar**
- **Introduced introduction to Python as an elective in year 3**
- **Willingness to keep yourself updated** with new developments even after you finish your course (this is now very important as most industries (not just finance) are fast changing)

Which careers can you follow ?

- According to the Labour Force Survey, the financial services sector is where **wages are the highest (see slides 9 and 11)**
- This sector is **still expanding** and has a lot of **further growth potential**
- Can work not only with banks but also:
- With investment companies + stockbrokers
- Hedge funds
- Mutual funds
- One of the Big Four (EY, Deloitte, KPMG & PWC) + other auditing firms
- Regulators/Government agencies (see next slide)
- Possibility of working abroad as well

**Today most new (additional)
jobs are regulatory/compliance
related**

**With government agencies MFSA, FIAU,
Central Bank.....**

**And similar posts within regulated firms
(banks, funds, insurance companies, brokers,
for some posts gaming etc.)**

**Today most new (additional)
jobs are data related (data is the
new gold)**

**Data Modelling, Data Analyst, Cyber, data
architecture, Data Related
software/Projects, soon Prompt Engineer for
AI models, etc.**

Which careers can you follow ?

- **Most specialised professions in the banking and finance** area are regulated and can only be performed by people with certain qualifications/experience
- If you want to perform certain professions, the only way is to get BFI degree and for certain professions a Masters in BFI is a minimum.
- <http://www.mfsa.com.mt/pages/viewcontent.aspx?id=356>
- Link to section of MFSA website giving full details

SCAN ME



Today you need to specialise!
A Masters is the new
undergraduate

Solution: We offer the Masters in
Banking, Finance and Investments... just
after your undergraduate in B.Com with
BFI major

MA Banking, Finance & Investments

Started October 2023

2 taught semesters + one semester
dissertation (total 1 year+)

Course Fee: 500 euros per semester
(TBC)

Programme (Masters BFI)

- Officially Full-Time programme **but possibility of working PT**
- 6 study-units per semester
- Teaching spread over 2 days (typically afternoons)
- 2-4pm, 4-6pm, 6-8pm
- Tuesdays and Wednesdays
- Semester 1 Oct-Jan
- Semester 2 Feb-Jun
- Semester 3 Dissertation (not on campus) Jul-Nov

**Admission: B.Com with major in
Banking, Finance & Investments
or equivalent**

Link to Finance Films trailers

Wall Street 1



Wall Street 2



Link to Finance Films trailers

Wolf of Wall Street



Boiler Room (Financial Scams)



Link to Finance Films trailers

Big Short (Financial Crisis)



Margin Call (Financial Crisis)



Link to Finance Films trailers

Billions (Hedge Funds)



Bad Bank (Deutsche Bank?)



Link to Finance Films trailers

Enron The Smartest Guys in the Room



Rogue Trader (Barings Bank)



Link to Finance Films trailers

The Wizard of Lies (Bernard Madoff)



Equity (Women in Finance)

