

M.Sc. Economic Program

Study Economics in Freiburg

Albert-Ludwigs-Universität Freiburg



**UNI
FREIBURG**

14.04.2021

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Coordinator of the M.Sc. Economics Program

For <https://www.mygermanuniversity.com/>

Agenda



M.Sc. Economics Program



- 1** | What we offer
- 2** | A gateway to your career
- 3** | Admission requirements & applications

18 years of M. Sc. Economics Program in English



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Graduation 2010



*Graduation
2018*



Graduation 2019

Structure of the program



**1st
year**

Mandatory courses (46 ECTS)

**Economics
& Politics
50 ECTS**

**Finance
50 ECTS**

**Digital
Markets
(ISNE)
50 ECTS**

**2nd
year**

Master Thesis 24 ECTS

Structure of the program



Mandatory courses

Advanced Macroeconomics

Advanced Microeconomics

Intermediate Econometrics

Economic Policy

Computational Economics

$$e(u) = 0$$

$$= -\frac{1}{e} \frac{\partial p}{\partial e}$$

$$\frac{\partial}{\partial e} \left(\frac{1}{e} \right)$$

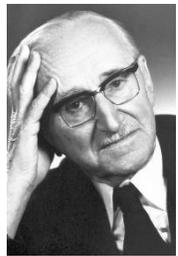
Structure of the program – Economics and Politics



1st Profile: Economics and Politics



Topics: Economic policy, regulation, development, labor market, trade, migration, discrimination, terrorism, corruption...

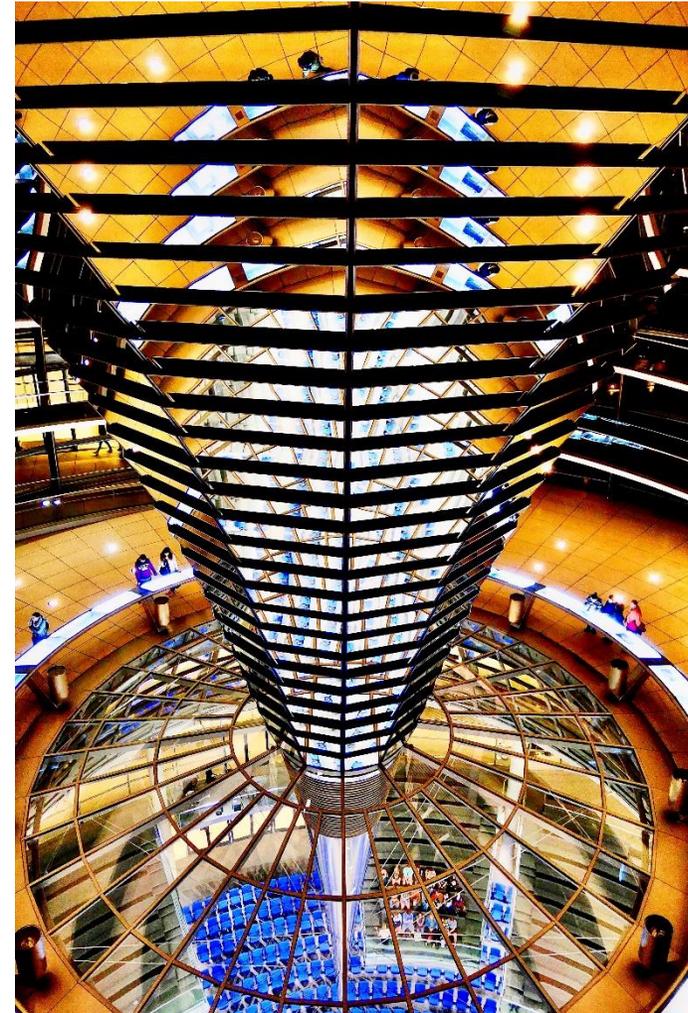


Hayek, the Freiburg School of Economics - and Ordoliberalism:

- Key contribution to post-WW2 German economic miracle
- Influential during the Eurocrisis



Career: Economic policy advisors, cooperation agencies, international organizations, Central Banks



Structure of the program – Finance



2nd Profile: Finance



Topics:

- **Quantitative finance**
- Futures and options
- Interest rate theory
- Study evolution and forecast of risk premia, stock prices, interest spreads,...



Career:

- Financial institutions
- Stock market, investment banks
- Design of financial instruments



Structure of the program – Digital Markets



3rd Profile: Digital Markets



Topics:

- Business Analytics
- Electronic Markets
- Digital Markets



Career:

- Business analytics
- Big data & AI
- Policy advising and consultancy

```
stream>
using namespace std;
#include "Complex.h"

Complex Complex::add(const Complex &c) const {
    Complex result;
    result.real = real + c.real;
    result.imag = imag + c.imag;
    return result;
}

Complex Complex::sub(const Complex &c) const {
    Complex result;
    result.real = real - c.real;
    result.imag = imag - c.imag;
    return result;
}

Complex Complex::mul(const Complex &c) const {
    Complex result;
    result.real = real * c.real - imag * c.imag;
    result.imag = imag * c.real + real * c.imag;
    return result;
}

Complex Complex::div(const Complex &c) const {
    double t = c.real * c.real + c.imag * c.imag;
    Complex result;
    result.real = (real * c.real + imag * c.imag) / t;
    result.imag = (imag * c.real - real * c.imag) / t;
    return result;
}

void Complex::print() const {
    cout << "(" << real << ", " << imag << ") \n";
}
}
```

What else can you learn?



Computer skills:



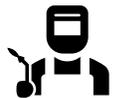
Computational Economics, Python



Statistics software: Stata, R



Machine learning, AI algorithms



Many applied courses using software

German!



A gateway to your future



Gateway to the European job market



Our alumni can be found mostly in...

- Germany: Frankfurt, Munich, Berlin, ...
- Switzerland: Basel, Zurich, ...
- Luxemburg
- Austria: Vienna



...working at companies such as:

- Mercedes-Benz, Amazon, Deutsche Bank, UBS, Roche, Allianz, Nestlé,...
- McKinsey, BCG, PWC, KPMG



A gate to your future



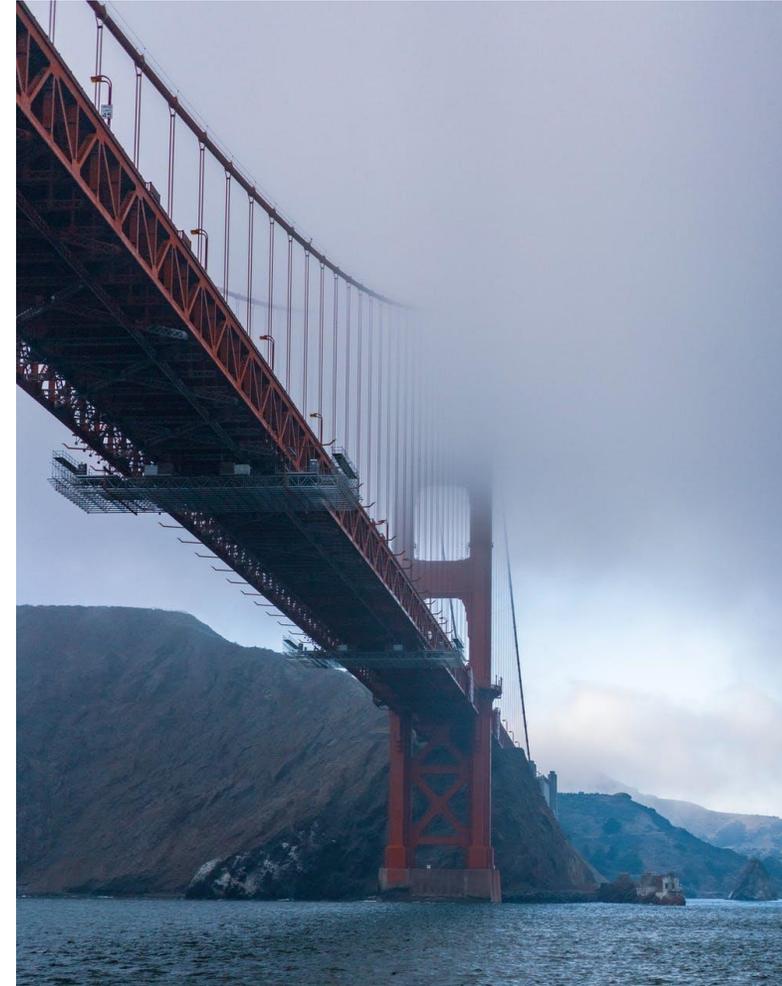
Gateway to the international job market

- Placement at international organizations:
 - Cooperation agencies: GIZ, World Bank,
 - International organizations: UN, EU
 - Multinationals
- Singapore, Washington, San Francisco, NYC, Chicago, London,...



For top students: gateway to research

- Step towards PhD in Freiburg and other prestigious Universities
- Active research community in Freiburg



What is special in Freiburg?



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What is special in Freiburg?



The students:

- Interdisciplinary and international
 - Great international experience
 - Different backgrounds: stimulating environment
- Strong student community



Requirements & Application



Admission requirements:

- English C1 (IELTS 7.0; TOEFL 95)
- GPA better than 2,5 (German system)
- Background in Economics:
 - Around 24 ECTS in core econ courses to be sure.



Also important:



Deadline May 15



Fees: 1500 EUR per semester for non-EU citizen



Accommodation: Tough, but helpful Uni housing services, although not 100%



More information in our [website](#)

See you in Freiburg!

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