

# SPACE FOR STATISTICS.



Master's Degree Program



JOHANNES KEPLER  
UNIVERSITY LINZ

# Statistics.

The Master's degree program in Statistics is an interdisciplinary, advanced academic program focusing on core areas of theory, methodology, statistical application, and data analysis. Students earn a professional degree that includes courses in applied statistics as well as a variety of elective courses. Graduates are not only well educated in theoretical foundations, they can reach their professional goals by learning how to develop new statistical methods and effectively apply these methods to solve problems. Graduates are also qualified to engage and collaborate with experts in other fields and pursue occupations in data sciences as well as various areas of social sciences and economics, life sciences, ecology, and official statistics.

## YOUR BENEFITS

Excellent career prospects

Expertise in managing, modeling and visualizing data

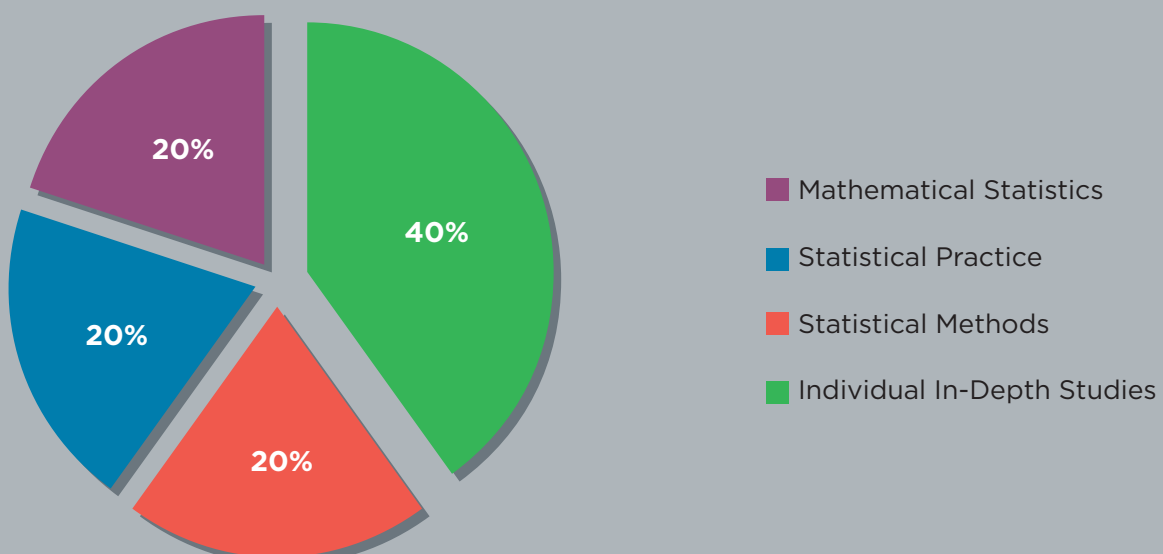
Wide range of supplementary subjects

Opportunities to specialize

Ideal student-faculty ratio

EMOS (European Master of Official Statistics) certified program

## Chart of Interdisciplinary Topics



# Educational Objectives, Career Prospects.

## Educational Objectives

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The Master's degree program in Statistics has been designed to foster and hone data-analytical skills by providing:

- Advanced knowledge of mathematical concepts and statistical methods
- Proficiency in hands-on applications
- Interdisciplinary studies
- Enhanced skills by independently developing innovative methods
- A strong social skill set to work effectively as part of a team
- International experience by offering English-language courses and opportunities to study abroad

## Job Opportunities

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Graduates of the Master's degree program in Statistics are highly sought after specialists and can pursue a wide variety of professional occupations requiring expertise in complex data analysis, such as at:

- Academic and non-academic research institutions
- Banks and insurance companies
- Medical and pharmaceutical industries
- Official statistics agencies
- Manufacturing industries
- Marketing and public opinion research agencies



**CHRISTINA NEUWIRTH,  
MSc Graduate in Statistics**

'The Master's degree program in Statistics gave me an opportunity to acquire quantitative and analytical skills and the ability to address an array of problems by using different statistical software. I enjoyed the small class size in particular and the advantageous student-to-staff ratio. I feel this makes the program very special.'

# Master's Degree Program.

## Subject Areas

As part of the Master's degree program, students are required to complete courses totaling 120 ECTS credits in the following areas:

SEMESTER	1	2	3	4
Mathematical Statistics	•	•		
Statistical Methods	•	•	•	
Statistical Practice		•	•	•
Gender Studies	•			
Free Electives	•	•	•	
Master's Thesis Seminars			•	•
Master's Thesis				•
Master's Examination				•

See: [jku.at/studienrichtung](http://jku.at/studienrichtung), the curriculum or visit the Student information and Advising Services (SIBS) for detailed information.

### PROGRAM:

Master's Degree  
Statistics

### ACADEMIC DEGREE:

Master of Science (MSc)

### PROGRAM DURATION:

4 semesters

### ECTS:

120 credits

### PROGRAM LANGUAGE:

English

## Additional Information

- Admission requirements to the Bachelor's degree program:  
A Bachelor's degree in Statistics (JKU) or an undergraduate degree program equivalent in content and scope.

See: [jku.at/studienrichtung](http://jku.at/studienrichtung) or contact the Admissions Office for detailed information about the admission requirements.

- Prospective applicants holding an undergraduate degree in a different or related field may apply for admission. Upon application review, these applicants can be admitted and will be required to complete additional coursework of up to 40 ECTS credits during the program.
- We recommend English proficiency at the B2 level.

## JKU Post-Graduate Degree Programs

- Doctoral Program in Social and Economic Sciences
- **EMOS (European Master of Official Statistics) Certificate:**  
Students in the Master's degree program can enhance their professional credentials by earning the internationally recognized European EMOS certificate in official statistics. Additional requirements include a mandatory internship at a statistical agency, e.g. Statistics Austria, classes in official statistics, and a Master's thesis in this field. See: [jku.at/ifas/emos](http://jku.at/ifas/emos) for more information.

# Academic Advising.

## General Information

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### STUDENT INFORMATION AND ADVISING SERVICES (SIBS)

Lecture Tract, Hall A  
+43 732 2468 3450  
studium@jku.at  
jku.at/sibs

### AUSTRIAN STUDENT UNION LINZ - OFFICE OF ACADEMIC ADVISING

Main Campus Library (ground floor)  
and the Lecture Tract  
+43 732 2468 1122  
studienberatung@oeh.jku.at  
oeh.jku.at

### ADMISSIONS OFFICE

Bank Building, 1st Floor,  
Rm. 113 A/B  
+43 732 2468 3180, -3181, -3271  
admission@jku.at  
jku.at/admission

## CONTACT

### Statistics

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