





# Munich International Summer University

Annual Report 2023



# MISU Winter / Summer 2023

#### FOREWORD

Founded in 1472 in the city of Ingolstadt and relocated to Munich in 1826, Ludwig-Maximilians-Universität (LMU) has a rich academic tradition spanning more than 550 years. LMU is known throughout the world for its outstanding academic achievements.

An important element of the university's success is its strong international profile. LMU is a founding member of the League of European Research Universities (LERU) and works closely with over 600 international partner universities and research institutes around the world at all levels - from student exchanges to research collaborations in strategic partnerships.

These collaborations span all regions of the globe, from the Americas to Asia. As a leading European university, LMU also has a special focus on Europe, for example through its participation in the European Alliance for Global Health (EUGLOH).

Approximately 20% of the student body has an international background, and more than 3,000 students participate in student exchange programs each year. The Munich International Summer University (MISU) supports LMU's internationalization goals by offering a wide range of programs and a customized European Studies Program especially for partner universities.

For international students, MISU is an opportunity to get to know LMU through personal experience. Whether attending a Summer Academy or one of the German language courses, students benefit from access to renowned professors and teachers who will inspire them to expand their knowledge and thinking. In addition, all MISU programs include extracurricular social and cultural activities that allow participants to gain valuable insights into a new culture during their stay.

The range of summer academies and partner programs continues to expand. During the years of the pandemic, more than 1,000 participants from nearly 90 countries attended the Summer University. In these particularly challenging years, some programs were offered online as distance learning courses. Now that this particular situation has been overcome, 680 students could participate in person again in 2023.

We would like to thank all those who supported MISU.

September 2023 Prof. Dr. Francesca Biagini Vice President for International Affairs and Diversity, LMU Munich

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### MISU<sup>LMU</sup> at a GLANCE

- History
- Concept and Key Features
- Objectives
- Responsibilities

### MISULMU at a GLANCE

#### History

During the 1920s and 1930s, LMU Munich hosted summer courses pertaining to German language and literature. The first course to be documented was a German language class in the summer of 1927. After a hiatus lasting several decades, LMU Munich restarted its summer activities in 1998, then under the name of "Internationaler Münchner Sommer". Subsequently, the number of language classes has grown, along with the establishment of genuinely new Summer Academies covering a broad range of academic subjects. In 2008, LMU's summer courses were integrated into the Munich International Summer University, or MISU<sup>MD</sup>, giving a distinct vision and common standards to the various programs as well as consolidating its role as an international institution of LMU Munich





2023

#### **Concept and Key Features**

Summer programs are valued as an instrument for improving the profile of a university and a chance to showcase its academic strengths to an international cohort of students and their home universities. As an institution of LMU Munich, MISU<sup>IMU</sup> curricula are developed and classes held by LMU staff, partly in cooperation with outstanding German and international partners. All courses quarantee a high academic standard. Small classes, as well as modern and interactive teaching methods, ensure that students are fully engaged in their studies. In general, it is possible to earn credits (usually ECTS credit points in accordance with the European Credit Transfer System) for MISUMU Summer Academies and Language Courses. The programs are academically intensive but offer far more than an academic experience alone, as the participants also learn a great deal

about their host city and country during their stay. In addition, the students are supported by a broad spectrum of services, such as detailed prearrival information and the organization of their accommodation. All MISU courses and activities are of a non-profit nature: the fees for participants are calculated to cover the costs only. And, of course, MISU strives to offer financial aid too, in order to facilitate participation. In 2011, all members of the MISU Academic Board approved a concept which includes these key features.

#### **Objectives**

MISU aims at providing its participants with high-level academic knowledge as well as an unforgettable stay in Munich, while simultaneously enhancing the international visibility of LMU Munich and its academic strengths. Summer programs are also valued as a means of developing international cooperation with partner institutions. For international students, MISU offers an excellent opportunity to gain insight into research and teaching at LMU. Courses can serve both as an alternative to longer exchange programs as well as a pathway to further studies, thus increasing student mobility and attracting students of extraordinary caliber. Furthermore, MISU is designed as a long-term undertaking, with a spectrum of courses representing the relevant academic subjects of LMU Munich. Hence to increase the number of Summer Academies is another important objective for the future.

#### Responsibilities

The MISUIM Academic Board, which merged with the Study Abroad and International Students Advisory Board, functions as an advisory panel and is responsible for both quality control and quality assurance. All faculties are members of the board: the Vice President for International Affairs, who acts as chair; professors, each of whom represents a different discipline; foreign representatives of the faculties ,who advise on academic matters; the head of the International Office, and the executive director of the IUCM, who advise the board on administrative and non-academic concerns.

Different parties shoulder MISUIMU's practical organization. The International University Club Munich (IUCM) is responsible for logistics, communication, administrative matters, and the centralized preparation of the certificates. Academic staff members of LMU Munich prepare schedules and select participants, along with holding classes, testing, and grading.

See appendices for an organizational chart and the names of the current board members.

### MISUMU OFFICE AND MANAGEMENT

- Organization
- Network and Communication

### MISULMU OFFICE AND MANAGEMENT

#### **Organization**

The International University Club Munich (IUCM) is a "Verein (e.V.)", a registered non-profit association of former LMU students. In 1998 it restarted the tradition of summer schools at LMU Munich from 1927 under the name ,International Summer Munich'. The ISU lasted until the summer of 2007, when the Munich International Summer University (MISUIMU) was established as a successor organization. Since then the MISUIMU has been coordinating existing summer programs, cooperating in developing new ones, and promoting communication about MISUIMU within the LMU, to LMU partners, and to interested people around the world.

The IUCM is responsible for the administration and continuity of MISU in close partnership with LMU's International Office. Their shared goal is to enhance the internationality of LMU Munich by assisting international students. The cooperation between LMU Munich and the IUCM is laid down in an agreement, through which IUCM assumes responsibility for MISU or organization. IUCM's activities include the management of all financial issues, accommodation – usually in student residences – excursions and the social and cultural program, plus the handling of the application process for several courses.

#### **Network and Communication**

The MISU office networks both within LMU and externally. Intra-University communication involves the administration - most notably the University Executive Board - on the one hand, and members of the academic staff, on the other.

In the light of the fact that the internet is essentially the main source of information worldwide, the maintenance and regular updates of the MISU sites is a main concern of all involved parties. The summer courses portal of the German Academic Exchange Service (DAAD), the portal of the Bavarian State Ministry of Sciences and the Arts and other summer school databases are also instrumental in informing young people around the globe. Flyers and posters for MISU are produced in-house by the IUCM. Platforms which report regularly on MISU include: the newsletter of the International Office and LMU's international newsletter (insightLMU).

Relevant points of intersection are the strategic partnerships and international networks of LMU, as well as the colleagues at International Offices of LMU partner universities worldwide. This is often just as true of people encountered at visits, fairs, and other events, and delegations visiting the International Office of LMU Munich

### MISU Summer Academies

MISU Summer Academies offer high-level instruction in various scientific subject areas of LMU Munich – opportunities range from demanding undergraduate courses via advanced seminars to practical research experience held in English. They are an excellent opportunity for international students to gain a valuable first insight into researching and teaching at LMU. MISU always strives to enhance the number and to broaden the spectrum of subjects of its Summer Academies.

In 2023 a total of 14 programs were organized in various academic fields. Some of the programs were conceptualized partly as online and partly as on-campus courses.

- European Studies Winter and Summer Schools (In-class and remote) for students from the partner universities of the LMU-China Academic Network (LMU-ChAN) and international students from different universities and countries
- Oncology Winter School (OWS)
- Neurology Winter School (NWS)
- Amgen Scholars Program: From Molecules to Behavior (Amgen)
- Munich Center for Quantum Science and Technology Summer Bachelor Program (MCQST)
- German Immersion Program University of Singapore (NUS)
- Munich University Summer Training in German and European Law (MUST)
- Munich Advanced Course in International Law (MACIL)
- Financial Statement Analysis and Valuation (FAV)
- Machine Learning and Data Analytics in Finance and Accounting (MDA)
- Big Data Analytics and Business Intelligence (EBI)
- International Management and Communications (IM)
- Munich Summer Curriculum: International Management + internship (MSC)
- Data Science for the Social Good (DSSG)

### European Studies Winter and Summer Schools Remote and In-class since 2000



#### LMU Munich, Geschwister-Scholl-Insitute of Political Science

After the Corona crisis and the ensuing experiences, MISU decided to keep running in-person classes as well as remote programs. European Studies programs taking place in person do so at different European cities and institutions. The academic partner in Vienna is the Central European University. In Prague, the program takes place at the Representative Office of the State of Bavaria in the Czech Republic. The remote courses held in January and August offered the possibility to partake in the program for participants who did not have the opportunity to travel to Europe. All classes are coordinated by the Geschwister-Scholl-Institute of Political Science and the Chair of Political Systems and European Integration.

The European Studies programs for students from the partner universities of the LMU-China Academic Network (LMU-ChAN) and international students from different universities and countries introduce participants to the history and development of the European Union. Students dig deeper into European politics, processes of Europeanization as well as the EU's foreign policies. In 2023 the programms had the title "Competing Identities and Conflict in the EU and its Neighbourhood".

Based on the experiences, MISU<sup>MU</sup> decided to run the EU Studies programs in-class as well as remote for the forseeable future.

Future prospects: The program will continue in 2024.



www.european-study.eu



Patronage Prof. Dr. Klaus H. Goetz
Academic Instructor Dr. Radu-Mihai Triculescu

Program Coordination International University Club Munich (IUCM)

■ Dates and Length Course 1: January 9 - 27, 2023 Remote

 Course 2: July 17- August 11, 2023
 In-class

 Course 3: July 17 - August 25, 2023
 In-class

 Course 4: July 31 - August 18, 2023
 Remote

 Course 5: August 3 - 25, 2023
 In-class

60 contact hours

#### Credits

European Studies 6 ECTS or 6 + 3 ECTS per program

#### Costs

Tuition Course 11000 EurosTuition Course 2750 EurosTuition Course 31450 EurosTuition Course 4750 EurosTuition Course 5975 Euros

■ Financial Support 13 MISU<sup>MU</sup> waivers

Number of Participants 70

Home Countries of Participants 25

Course 1 / Home Countries 11 / 5
Course 2 / Home Countries 16 / 13
Course 3 / Home Countries 5 / 4
Course 4 / Home Countries 29 / 10
Course 5 / Home Countries 9 / 6

# **Oncology Winter School** since 2013



#### Klinikum der Universität München

In the course of this four-week program, medical students from around the world get a closeup view of the everyday routines in an oncology clinic.

Topics and objectives: Participants spend the first part of the day on the oncology wards, learning the daily routines, accompanying patients from reception through diagnostic procedures to therapy sessions. The afternoons are taken up with courses on the latest diagnostic methods or therapeutic approaches, and discussion of individual case studies in small groups. In addition, they work with actors on aspects of problem-oriented communication, a vital element of the medical professional's skill set. As well as getting to know the day-to-day routines on the wards, the students are introduced to clinical laboratory work and try their hand at image-based functional diagnostics.

Target group and application: The elective addresses senior medical students, particularly those from LMU Partner Universities, who attend this four-week rotation together with senior medical students from LMU. A German "study buddy" is assigned to each participant from abroad

Future prospects: The program will continue in 2024.



https://www.en.med.uni-muenchen.de/undergraduate/incoming\_students/courses\_ in english/winter-schools/ows/index.html

Academic Directors Prof. Dr. med. Martin Dreyling

Prof. Dr. med. Orsolya Genzel-Boroviczény

Academic Supervisors Margarete Greither, Lydia Schön

Project Coordination Lisa Lechner, M.A.

Dates and Length March 3 - 23, 2023

full-time

■ Credits 6 ECTS

Costs

Tuition 520 Euros

■ Financial Support 4 MISU<sup>IMU</sup> waivers

Number of Participants 10 (international), 10 (LMU)



# Neurology Winter School since 2013



#### Klinikum der Universität München

The Neurology Winter School consist of a series of lectures, tutorials, seminars, bedside teachings, communication training and lab visits with a particular focus on Neurology.

#### Topics and objectives:

- Principles of neurology and neural science
- Intersections with neurosurgery, neuroradiology and psychiatry
- Methods of diagnosis and treatment

The international students choose a field of interest for patient contact and rounds and integrate into the medical team during the whole Winter School. They attended the daily neurological review conducted by the staff specialists at the Medical Center, hospitalize patients and discuss the anamnesis of physical examination and test results as well as the adequate treatment with their respective ward doctors or consultants.

Furthermore, specific tutorials instruct the students how to discuss clinical cases in a problem-oriented and cooperative manner. Small group training sessions and seminars involve diagnostic tools in neurology, interpersonal communication, e.g. "Breaking Bad News", simulations based on standardized patients and other elements of the medical professional's skill set.

The Neurology Winter School also features an excursion to the Schön Klinik Bad Aibling, one of the largest and most renowned neurological rehabilitation centres in Europe for stroke and craniocerebral injury.

Target group and application: The elective addresses senior medical students, particularly those from LMU Partner Universities, who attend this four-week rotation together with senior medical students from LMU. A German "study buddy" is assigned to each participant from abroad

Future prospects: The program will continue in 2024.

https://www.en.med.uni-muenchen.de/undergraduate/incoming\_students/courses\_ in english/winter-schools/nws/index.html

Academic Directors Prof. Dr. med. Martin Dreyling

Prof. Dr. med. Orsolya Genzel-Boroviczény

Academic Supervisors PD Dr. med. Konstantinos Dimitriadis

Dr. Steffen Tiedt, MD

Project Coordination Lisa Lechner, M.A.

Dates and Length March 3 - 23, 2023

full-time

■ Credits 6 ECTS

Costs

Tuition 520 Euros

Financial Support 2 MISU<sup>™</sup> waivers

Number of Participants 4 (international), 4 (LMU)



# Summer Research "From Molecules to Behavior" (Amgen Scholars) since 2009



#### Munich Center for Neurosciences -Brain and Mind (MCN), LMU Munich

Together with the University of Cambridge, the Karolinska Institutet in Stockholm, ETH Zurich and Institut Pasteur in Paris, LMU Munich was selected as a partner with the Amgen Foundation in order to establish an undergraduate summer research program in the fields of biology and biotechnology. Under the guidance of MCN, the Summer Academy "From Molecules to Behaviour" has been running now since 2009. Further participating institutes are: the LMU and LMU Klinikum, the Helmholtz Zentrum München, the Max-Planck Institutes of Biochemistry, Biological Intelligence, and Psychiatry, and the Technical University of Munich. In 2023, 24 projects were offered in the research fields of biochemistry, cell, developmental, and molecular biology, genetics, microbiology, molecular medicine, cellular and organism neurobiology, computational neuroscience, cancer research, plant sciences and proteomics.

Topics and objectives: The program aims to increase learning and networking opportunities for undergraduate students committed to pursuing a career in science or engineering.

Target group and application: Qualified students are selected based upon overall academic success, qualified references, motivation to pursue research, and a sincere interest in pursuing a PhD and a career in science. Due to the requirements of the foundation, only undergraduate students enrolled at European colleges and universities (according to the European Higher Education Area - EHEA) are eligible to participate.

Certificates: A certificate and transcript of activities is awarded by the program coordination office at I MU

Future prospects: The first proposal was approved by the Amgen Foundation for 2009 and 2010, which was followed by successful 2nd, 3rd and 4th phase proposals continuing the program through 2023. Most recently, the 5th funding phase was approved, extending the programme until 2025.



www.amgenscholars.mcn.lmu.de

Academic Head Prof. Dr. Benedikt Grothe

Academic Supervisors Members of the participating faculties

and institutes

Program Management Dr. Raluca Goron

Program Coordination International University Club Munich (IUCM)

■ Dates and Length June 30 - September 8, 2023

full-time

Credits
Can be awarded on demand

Financial Support Completely financed by the Amgen

Foundation and MCN-LMU,

as well as the LMU International Office

Number of Participants 24
Home Countries of Participants 14



# MCQST Summer Bachelor Program Since 2021

### Munich Center for Quantum Science and Technology

Every year, MCQST invites 15-20 outstanding undergraduate students from all over the world to spend a quantum summer in Munich. The 4-week program gives the participants the opportunity to deepen their theoretical and practical knowledge in Quantum Science and Technology (QST) and learn about the Munich quantum ecosystem. The special feature of the program is the three-week research project that the participants carry out under the guidance of a mentor in an MCQST research group. By the end of the program, participants have gained first-hand expert knowledge in QST.

MCQST focuses on specific research directions: quantum information theory, quantum simulations, quantum computing, quantum communication, quantum metrology and sensing, quantum matter, and interdisciplinary explorative directions.

Target Group: Bachelor students enrolled in an undergraduate degree in physics, mathematics, computer science, electrical engineering, material science, or chemistry.

Future prospects: The program will continue in 2024.



Academic Heads Prof. Dr. Immanuel Bloch / Prof. Dr. Ignacio Cirac,

Prof. Dr. Rudolf Gross

Program Management Claudia Leonhardt and Barbara Tautz

Program Coordination International University Club Munich (IUCM)

■ Dates and Length July 30 - August 27, 2023

#### Costs

Tuition Completely financed by the program

Participation fee 220 EUR

Number of Participants 16



# German immersion trip of the Physics Department of the National University of Singapore

#### LMU Munich, Faculty of Physics

This Summer Academy of the Faculty of Physics provides NUS students from the faculty of Physics with continued education in their field. It addresses various aspects of Physics such as quantum optics and inlcudes field trips to LMU's Forschungs-Neutronenquelle (research neutron source) or the biophysics laboratory. A particular emphasis of the program are the well rounded and comprehensive extra curricular activies that frame the academic program.

The course is based on lectures which aim to braoden students understanding of their chose field, social interaction with fellow scientists and students, and cultural activites. It combines different methodologies such as lectures, field trips, and activities to experience student life at LMU and in Bavaria, Germany. The program took place in Munich and Göttingen.

Target group: Students with an already established academic background in Physics.

Future prospects: The program will continue in 2024.



Academic Head Prof. Berthold-Georg (Berge) Englert

Centre for Quantum Technologies and

Department of Physics

LMU Faculty Jana Traupel, Faculty of Physics

Program Coordination International University Club Munich (IUCM)

■ Dates and Length June 4 - 18, 2023

Costs

Tuition Completely financed by the National

University of Singapore

Number of Participants

18 1



# Munich University Summer Training in German and European Law (MUST) since 2001

#### LMU Munich, Faculty of Law

MUST started in 2001 as an initiative of LMU's Faculty of Law. Since its beginning, it has included visits to relevant institutions, like the European Patent Office, the Federal Constitutional Court and the Federal Supreme Court of Justice in Karlsruhe. The program was initiated by Prof. Dr. Dagmar Coester-Waltjen and is now under the guidance of Prof. Dr. Thomas Ackermann.

Topics and objectives: The course provides an in-depth introduction to German and European Law. Special attention is devoted to areas that are of interest to foreign lawyers working in business law, i.e. corporate and competition law as well as business taxation. The program brings together exceptional lawyers and law students from many countries and provides the opportunity to create an international alumni network.

Target group and application: Any young lawyer or law student who has done at least one year of study at university level can apply for the program. Participants are selected on the basis of their qualifications and academic or practical experiences.

Certificates: At the end of the program participants have the opportunity to take an examination; successful participation in the examination is documented by a transcript with credits and grades issued by the Faculty of Law of LMU Munich. In addition, a Certificate of Attendance is given to all students

To help participants get in touch more closely with the social environment and the subject matter a free and optional German language course was offered with 2 levels (absolute beginners, advanced beginners) with a workload of 7 x 2 hours in total.

Future prospects: The program has meanwhile become very well-established and has been integrated into the faculty. It will continue in 2024.

www.must-misu.de

Academic Head Prof. Dr. Thomas Ackermann

Academic Supervisors Professors and Assistant Professors

of the Faculty of Law and Judges and Attorneys

Program Management Sofian Djebbari

Program Coordination International University Club Munich (IUCM)

Dates and Length July 3- 28, 2023

60 contact hours

Credits 6 ECTS

Costs

Tuition 750 Euros

■ Financial Support 9 waivers (Förderverein), 1 MISU™ waiver

Number of Participants 25



# Munich Advanced Course in International Law (MACIL) since 2011



#### LMU Munich, Institute of International Law

The 12th MACIL Summer School had the following title: "Multilateralism under Pressure - What is the Future Role of International Law?"

The course examined the trend in recent years to resort to power politics rather than multilateral solutions in international relations. Topics included, inter alia, questioning the steadfastness of the prohibition of the use of force or examining institutional challenges which the ICC and WTO dispute settlement are currently facing.

The MACIL summer school is partner of the Erasmus Mundus Master in International Law of Global Security, Peace and Development (ILGSPD), a 24 months Master's program which aims to train the next-generation of lawyers and policy-makers with the ability to navigate the political context of international law and the comprehensive knowledge needed to engage with the issues of global security, peace and development. For more information regarding this program, please refer to the ILGSPD-webpage.

Students were awarded with a certificate of attendance for participating and 3 ECTS for handing in an additional essay.

Future prospects: The 13th MACIL session is expected to take place from July 30 to August 9, 2024



Academic Head Prof. Dr. Christian Walter

Lecturers Professors of Public International Law

and practitioners

Program Management Narin Nosrati

Program Coordination International University Club Munich (IUCM)

Dates and Length August 3 - 11, 2023

20 contact hours

■ Credits 3 ECTS

Costs

Tuition 750 Euros

Financial Support 10 Mundus scholarships

Number of Participants 25



# Financial Statement Analysis and Valuation (FAV) since 2017



#### LMU Munich, School of Management

The Munich School of Management at LMU – one of the leading universities for Business Administration in Europe – offers a unique summer program for students from around the world. The course "Financial Statement Analysis and Valuation" takes place half on-site in the heart of Munich and in parts online. It addresses relevant topics of analyzing and interpreting financial statements

The course aims to familiarize students with firms' financial statements and financial statement analysis to their professional benefit. Students learn to consume, analyze and forecast financial statements, as well as to forecast a firm's future business activities and to conduct a sound fundamental equity valuation to challenge market prices of real-world companies.

To reach these goals, the group examines several cases, readings, and films that will help students to understand how corporate communications relate to international management. Considerable emphasis is be placed on simulations and role-playing as well.

Target group are bachelor students from all faculties and young professionals with an interest in international business and corporate communications. Prerequisites for participation are a basic knowledge of business administrations and a good command of written and spoken English. Every student receives an official transcript after the successful completion of all program require-

ments. The transcript shows the course name and contact hours, the number of acquired credits as well as the achieved grades.

Future prospects: The program will continue in 2024.



Academic Head Prof. Dr. Thorsten Sellhorn

Academic Supervisors Dr. Gereon Hillert

Dr. Andreas Woltschläger

Program Coordination International University Club Munich (IUCM)

Dates and Length July 24 - August 1, 2023 (remote)

August 3 - 11, 2023 (in-class)

60 contact hours

Credits 6 ECTS

Costs

Tuition 1000 Euros (early bird); 1150 Euros (regular)

Number of Participants 16
Home Countries of Participants 12



# Machine Learning and Data Analytics in Finance and Accounting (MDA) since 2019

#### LMU MUNICH SCHOOL OF MANAGEMENT

#### LMU Munich, School of Management

An increasingly complex global business environment requires firms to make use of the large amounts of data out there in order to make better decisions. Machine learning allows to "automatically detect patterns in data, and then use the uncovered patterns to predict future data" (K. Murphy, Research Scientist at Google).

Using data analytics techniques, large data and detected patterns can be visualized and communicated to decision makers. Both rapidly evolve and change businesses as well as companies' financial processes. This opens up the possibility of using machine learning approaches to cope with complicated real-world financial problems that are too complex for humans.

As a result of participating in this course, a student is expected to

- understand the goals and capabilities of machine learning
- apply machine learning approaches using Python to real-world financial problems
- use important data analytics methods in Python to evaluate large data sets

This program is offered for Bachelor graduates, Masters graduates and young scientists as well as to support their successful placement in attractive fields of activity.

Prerequisites for participation are a good command of written and spoken English. Lectures, presentations and examinations are held in English. Knowledge of German is not a prerequisite.

Future Prospects: The program will continue in 2024.



Academic Head Prof. Dr. Thorsten Sellhorn

Academic Supervisors Dr. Gereon Hillert

Dr. Andreas Woltschläger

Program Coordination International University Club Munich (IUCM)

■ Dates and Length July 24 - August 1, 2023 (remote)

August 3 - 11, 2023 (in-class)

60 contact hours

■ Credits 6 ECTS

Costs

Tuition 1100 Euros (early bird); 1250 Euros (regular)

Number of Participants 26
Home Countries of Participants 15



### Big Data Analytics and Business Intelligence (EBI) since 2023



#### LMU Munich, School of Management

The Munich School of Management at LMU – one of the leading universities for Business Administration and Business Intelligence in Europe – offers a unique summer program for students from around the world. The course "Big Data Analytics and Business Intelligence" takes place online and in the heart of Munich. Big Data Analytics and Business Intelligence refer to a variety of methods and techniques for the analysis of large amounts of business data such as (pre-) processing and extracting information from large datasets, modeling underlying patterns by means of powerful data models as well as reporting and visualization of corporate information.

From the perspective of a business analyst, students apply these data analytics methods to key business topics such as sales analysis, product portfolio analysis, derivation of key cost drivers as well as profitability analysis. Using Microsoft Power BI they learn to describe, model and explore data and creating dashboards to improve economic decision-making in the todays corporate environment.

In this course, participants learn conceptual foundations of Big Data Analytics and Business Intelligence as well as the practical application using Microsoft PowerBI. Big Data Analytics and Business Intelligence concepts are applied to business topics such as product market analysis, sustainable earnings, cost of capital and investment analysis. Students develop data models using PowerBI in order to derive key insights in the company's processes. Powerful visualization tools and scenario analysis allow a better understanding of key performance drivers of the underlying business model.

The program is open to Bachelor and Master students from all faculties and young professionals with an interest in big data analytics, corporate analysis, and business intelligence.

Future prospects: The program will continue in 2024.



Academic Head Prof. Dr. Thorsten Sellhorn

Academic Supervisors Dr. Gereon Hillert

Dr. Andreas Woltschläger

Program Coordination International University Club Munich (IUCM)

Dates and Length July 24 - August 1, 2023 (remote)

August 3 - 11, 2023 (in-class)

60 contact hours

Credits 6 ECTS

Costs

Tuition 1000 Euros (early bird); 1150 Euros (regular)

Number of Participants 14



# International Management and Communications since 2017



#### LMU Munich, School of Management

The LMU Munich School of Management – one of the leading universities for Business Administration in Europe – offers a unique summer program for students from around the world. The course takes place in the heart of Munich and addresses relevant topics of corporate communications as well as international management.

The goals of the course are:

- Understanding the basics of international business and of the challenges confronting international and intercultural management
- Learning how to analyze business cases and how to apply theoretical concepts to real-world situations
- To develop superior strategies and achieve improved understanding of management communications, both on a corporate as well as on an individual level
- Learn how companies use communications to implement strategy and achieve competitive advantage
- Develop a broad array of negotiation skills experimentally
- Explore the major concepts and theories of bargaining and negotiation

To reach these goals, we will examine several cases, readings, and films that will help students to understand how corporate communications relate to international management. Considerable emphasis will be placed on simulations and role-playing as well.

Target group are bachelor students from all faculties and young professionals with an interest in international business and corporate communications. Prerequisites for participation are a basic knowledge of business administrations and a good command of written and spoken English.

Every student receives an official transcript after the successful completion of all program requirements. The transcript shows the course name and contact hours, the number of acquired credits as well as the achieved grades.

Future prospects: The program will continue in 2024.



Academic Head Prof. Dr. Manfred Schwaiger

Academic Supervisors Sandra Baringhorst

Louisa Weritz

Program Coordination International University Club Munich (IUCM)

Dates and Length August 3 - 18, 2023

60 contact hours

Credits 6 ECTS

Costs

Tuition 850 Euros (early bird); 1000 Euros (regular)

Number of Participants 29
Home Countries of Participants 12



## Munich Summer Curriculum: International Management + internship (MSC) since 2005



#### LMU Munich, School of Management University of Cincinnati

The summer program originated from a funding opportunity of the German Marshall Fund for students from the US and was reimagined in 2022. It offers an internship (up to 4 weeks, 8 hours/day) in one of Munich's media companies as a start of the summer experience in Europe. Every effort is made to pair the students background and aspirations with an appropriate internship provider. The internship is followed by participation in the International Management and Communications Summer School (see previous page).

#### The goals of the program are:

- · Experience in a media company and immersion in the German working and living culture
- Understanding of the basics of international business and of the challenges confronting international and intercultural management
- Learning how to analyze business cases and how to apply theoretical concepts to real-world situations
- Improve understanding of management communications, both on a corporate as well as on an individual level
- Learn how companies use communications to implement strategy and achieve competitive advantage
- Develop a broad array of negotiation skills experimentally
- Explore the major concepts and theories of bargaining and negotiation

The program is complemented by a varied extracurricular program including guided city and historical tours, visits to world heritage sights, and cultural performances.

Future prospects: The program will continue in 2024.

www.msc-misu.de/



Academic Heads Prof. Dr. Manfred Wolfram (UC)

Prof. Dr. Manfred Schwaiger

Academic Supervisor Kai Wede

Program Coordination International University Club Munich (IUCM)

■ Dates and Length July 3 - 28, 2023 (internship)

August 3-18, 2023 (IM Summer School)

60 contact hours

■ Credits 12 ECTS (6 UC credits)

Costs

Tuition&internship 1.800 Euros

Number of Participants 7
Home Countries of Participants 1



# Data Science for Social Good since 2023



## Munich Center for Machine Learning (MCML) Chair for Statistics and Data Science in Social Sciences and the Humanities (SODA)

DSSGx gives aspiring data scientists the opportunity to refine their data science skills through intense training, and by working in small supervised teams on real-world data mining, machine learning, and data science projects. Selected fellows will receive a stipend to work with global non-profit organizations and government bodies to make a real-world social impact with their data, by improving their services, interventions, and outreach.

Up to 10 fellows will spend an exciting summer working on their projects, engaging in social activities and exploring Munich.

There are no formal requirements for applying for the fellowship. DSSGx fellows are usually advanced or graduated in their studies and have strong technical, statistical or social science skills. In addition, our fellows are highly motivated to make a positive social impact. The program is held in English.

Fellows will be supported by technical mentors and project managers with a strong technical background and several years of industry or consulting experience. All mentors and managers are paid full-time during the three months and receive the unique opportunity to work with top international data science talents on projects that really matter.

https://sites.google.com/view/dssgx-munich-2023 dssq2023@stat.uni-muenchen.de

Academic Heads Prof. Frauke Kreuter & Prof. Bernd Bischl

Academic Supervisors Jacob Beck

Susanne Dandl

Unai Fischer Abaigar

Dr. Juliane Lauks

Jan Simson

Dr. Wiebke Weber

Program Coordination International University Club Munich (IUCM)

■ Dates and Length August 1 – September 29, 2023 (in person)

Full-time during weekdays

Credits
No credits

Costs Completely financed by the program

Stipend 1400€ per month Accommodation Covered by DSSGx

Travel Money Covered by DSSGx up to 1500€

Number of Participants

Home Countries of Participants 5



## MISU German Language Courses

MISUIMU German Language Courses are available at beginners', intermediate, and advanced levels; one of the courses also prepares for a DSH or TestDaF examination, a prerequisite for a degree study in Germany. Specialist classes, such as the "Fit for..." courses complement the offer of MISUIMU German Courses.

- Summer German Language Course
- DSH- and TestDaF Preparation Course
- Fit for the B2 Certificate
- Fit for the B1 Certificate
- LMU Study Preperation Program: German Course (September)

# Summer German Language Course since 1998

#### International University Club Munich (IUCM e.V.)

This four-week language course has been offered by IUCM since 1998 in close cooperation with the International Office of LMU Munich and has been part of MISU<sup>MU</sup> since its beginning. The first German course ever at LMU was offered in 1927. There were no courses between 1938 and 1997.

Topics and objectives: Participants aim is to develop four basic skills: speaking, reading, writing, and listening. Special focus is laid on communication, in particular in the areas of culture and academic study. The classes also explore and examine social contexts with a look at everyday life and culture in Munich, and are supplemented by a variety of activities - such as excursions to points of local cultural significance. Trained language teachers, as well as student tutors, are prepared to help the participants along during the program's various events. Since 2012 additional phonetics tutorials and theater workshops have been provided.

Target group: The course is designed for foreign students in all areas of study.

Certificates: By regularly attending the classes students are awarded a certificate with ECTS credit points. This certificate details the number of lessons attended as well as the content and language level of the course in accordance with the regulations of the Council of Europe's Common European Framework.

Future prospects: The course will continue in 2024.



Program Management International University Club Munich (IUCM)

Kai Wede

Class Coordination Lars Jansen

Program Coordination Jasmin Puschner, Susanne Gerlach

Dates and Length August 3 - 25, 2023

80 contact hours

■ Credits 6 ECTS

Costs

Tuition 650 Euros

Financial Support (waivers) 28 Bayhost, 29 BTHA,

2 MISU<sup>MU</sup>, 2 IUCM

Number of Participants 207
Home Countries of Participants 43

## MISU<sup>MU</sup> Summer Course: DSH and TestDaF Preparation Course



## Deutschkurse bei der Universität München (DKfA e.V.)

is an Intensive Course for advanced learners that Deutschkurse bei der Universität München e.V offers prior to the DSH or TestDaF exams in cooperation with the International Office at the Ludwig-Maximilians-Universität of Munich and the "Munich International Summer University" (MISU<sup>MU</sup>). These exams are required for admission to higher education in Germany.

Language Program: Improving previous knowledge of German and at the same time preparing for the DSH exam and TestDaf exam: becoming familiar with the test format and practicing individual sections.

There is the opportunity to participate in the internal DSH in August.

Examination Fee: 110 Euros

Target Group: Advanced learners of German with language level B2/C1 (in accordance with the Common European Framework of Reference for Languages).

German language learners, university applicants, students and graduates in all disciplines. Information on date, cost, cultural program, ECTS credits, registration and payment: MISU Summer Courses: general information



www.dkfa.de/programm/Sprachkurse/sommerkurs

Academic Head Dr. Melanie Moll Program Management Alessandra D'Ambrosio

Dates and Length August 3 - 29, 2023

total of 90 lessons

6 ECTS Credits

Costs

Tuition 610 Euros Accommodation 589 Euros

Number of Participants Home Countries of Participants

8

## MISU Summer Course: Fit for the B2 Certificate



#### Deutschkurse hei der Universität München (DKfA eV)

is an Intensive Course for very advanced learners that Deutschkurse bei der Universität München e.V. offers in cooperation with the International Office of the Ludwig-Maximilians-Universität Munich and the "Munich International Summer University" (MISUIIII).

This course will help you to improve your German language skills to level B2.

Grammatical structures, listening comprehension, reading comprehension and text production are rehearsed. At the same time you will have the opportunity to prepare yourself for the examination format B2

A B2 certificate attests that you can communicate confidently in almost all everyday and work settings. There is an opportunity to participate in the telc Deutsch B2 examination in August. Examination Fee: 150 Furos

Target Group: German learners, employees, students



www.dkfa.de/programm/sprachkurse/sommerkurs

Academic Head Dr. Melanie Moll

Program Management Alessandra D'Ambrosio

Dates and Length August 3 - 29, 2023

total of 90 lessons

■ Credits 6 ECTS

Costs

Tuition 610 Euros
Accommodation 589 Euros

Number of Participants 9

Home Countries of Participants 7

## MISU<sup>™</sup> Summer Course: Fit for the B1 Certificate



## Deutschkurse bei der Universität München (DKfA e.V.)

is an Intensive Course for very advanced learners that Deutschkurse bei der Universität München e.V. offers in cooperation with the International Office of the Ludwig-Maximilians-Universität Munich and the "Munich International Summer University" (MISU»).

This course will help you to improve your German language skills to level B1.

Grammatical structures, listening comprehension, reading comprehension and text production are rehearsed. At the same time you will have the opportunity to prepare yourself for the examination format B1

A B1 certificate attests that you can communicate confidently in almost all everyday and work settings. There is an opportunity to participate in the telc Deutsch B1 examination in August. Examination Fee: 150 Euros

Target Group: German learners, employees, students



www.dkfa.de/programm/sprachkurse/sommerkurs

Academic Head Dr. Melanie Moll

Program Management Alessandra D'Ambrosio

Dates and Length August 3 - 29, 2023

total of 90 lessons

Credits 6 ECTS

Costs

Tuition 610 Euros Accommodation 589 Euros

Number of Participants 6

Home Countries of Participants 4

# Study Preparation Program since 1996



## International University Club Munich (IUCM e.V.) Deutschkurse bei der Universität München e.V. (DKfA e.V.)

Since 1996 the Study Preparation Program by LMU has been organized by the International University Club Munich (IUCM). Since 2013 the LMU partners Deutsch-Uni Online and Deutschkurse bei der Universität München e.V. joined in close cooperation with the International Office of LMU Munich. LMU's percentage of international students is about 20%, and several hundreds of foreign students take advantage of various study abroad programs – such as Erasmus – every year. The aim of the preparation courses is to provide these students with an intensive German language instruction, whilst giving them an orientation to student life in Munich, as well, so that their studies will get off to a good start. Thus the language part is focussed upon the review and development of language fundamentals for study purposes.

Target group: Students with all levels of German knowledge, especially those who plan to continue studying at LMU as a degree or exchange student, can apply.

Certificates: By regularly attending the course students are awarded a certificate with ECTS credit points. This certificate details the number of lessons attended as well as the content and language level of the course in accordance with the regulations of the Council of Europe's Common European Framework.

Future prospects: The program will continue in 2024.



www.lmu-preparation.de



## **IUCM**

Staff

Program Management International University Club Munich (IUCM)

Kai Wede

Class Coordination Lars Jansen

Program Coordination Jasmin Puschner, Susanne Gerlach

Dates and Length September 4- 29, 2023

80 contact hours

■ Credits 6 ECTS

Costs

Tuition 460 Euros

Financial Support (waiver) 45 Erasmus, 54 LMUexchange, 13 Junior Year

Number of Participants 130
Home Countries of Participants 32



Staff

Program Management Deutschurse bei der Universität München e.V.

Dr. Melanie Moll

Program Coordination Helga Kroner; IUCM e. V.

Dates and Length September 6 - 29, 2023

90 contact hours

Credits 6 ECTS

Costs

Tuition 460 Euros

Financial Support (waiver) 18 Erasmus

2 LMUexchange

Number of Participants 33

Home Countries of Participants 17

## Appendices

## **Appendices**

### **International LMU Ranking**

	2023 (*)	2022 (*)	2021 (*)	2020 (*)	2019 (*)	2018 (*)
™ Times Higher Education World University Rankings	#38 worldwide	#33 worldwide	#32 worldwide	#32 worldwide	#32 worldwide	#34 worldwide
	#2 in GER	#2 in GER	#1 in GER	#1 in GER	#1 in GER	#1 in GER
L <sup>2</sup> Times Higher Education University Reputation Rankings	not published yet	#49 worldwide	#39 worldwide	#42 worldwide	#43 worldwide	#49 worldwide
		#2 in GER	#1 in GER	#1 in GER	#1 in GER	#1 in GER
L <sup>™</sup> QS World University Rankings	#54 worldwide	#59 worldwide	#64 worldwide	#63 worldwide	#63 worldwide	#62 worldwide
	#2 in GER	#2 in GER	#3 in GER	#2 in GER	#2 in GER	#2 in GER
L <sup>™</sup> ARWU Shanghai Ranking	# 59 worldwide	# 57 worldwide	#48 worldwide	#51 worldwide	#52 worldwide	#53 worldwide
	#2 in GER	#2 in GER	#1 in GER	#1 in GER	#2 in GER	#3 in GER
NATURE Index	#83 worldwide	#64 worldwide	#65 worldwide	#53 worldwide	#45 worldwide	#47 worldwide
	#2 in GER	#2 in GER	#1 in GER	#1 in GER	#1 in GER	#1 in GER

<sup>(\*)</sup> Year of publication

https://www.lmu.de/en/about-lmu/lmu-at-a-glance/facts-and-figures/lmu-in-rankings/index.html

#### **Academic Board**

#### Chair

Prof. Dr. Francesca Biagini

#### Members

Fakultät 01	Prof. Dr. Holger Gzella			
Fakultät 02	Prof. Loren T. Stuckenbruck, PhD.			
Fakultät 03	Prof. Dr. jur. Lars Klöhn, LL.M. (Harvard)			
Fakultät 04	Prof. Dr. Andreas Richter			
Fakultät 05	Prof. Dr. Uwe Sunde			
Fakultät 07	Prof. Dr. med. Dr. sci. nat. Christoph Klein			
Fakultät 08	Prof. Dr. Hermann Ammer			
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Fakultät 10	Prof. Dr. Peter Adamson			
Fakultät 11	Prof. Dr. Andreas Mayer			
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Fakultät 18	Dr. Thomas Engel			
Fakultät 19	PD Dr. Lars Kunz			
Fakultät 20	Dr. Peter Hasdenteufel			
Dr. Stefan Lauterbach (Director), International Office				

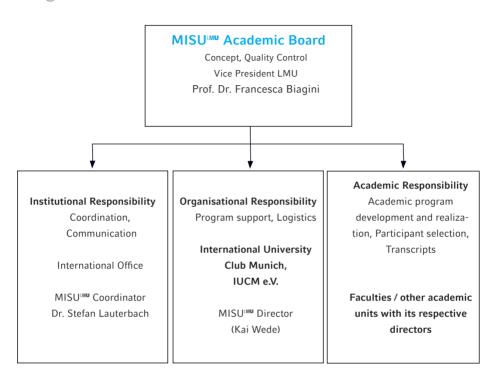
## MISU<sup>MU</sup> Organization and Administration

Kai Wede (Director), International University Club

#### ■ International University Club Munich (IUCM e. V.)

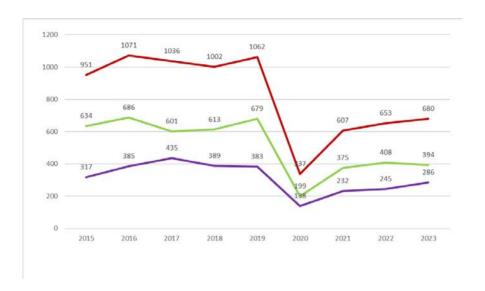
c/o International Office Geschwister-Scholl-Platz 1 Kai Wede www.Imu-misu.de contact@Imu-misu.de

## Organizational Structure of MISU™



## MISU Participants 2015-2023\*

### **Number of Participants**



- Total number of students
- Summer German Classes
- MISU™ Summer Academies
  - \* Data has been recorded since 1998

## MISU Participants 2023

	Number of participants	Home Countries of participants
Complete	680	77
MISU <sup>IMU</sup> Summer Academies	286	65
Language Courses	394	55
MISU <sup>MU</sup> Summer Academies		
European Studies Winter and Summer School	4.4	-
Course 1	11	5
Course 2	16	13
Course 3	5	4
Course 4	29	10
Course 5	9	6
Oncology Winter School	10	5
Neurology Winter School	4	4
Summer Research "From Molecules to Behavior" (Am	-	14
MCQST Summer Bachelor Program	16	13
German Immersion Trip NUS	18	1
Munich University Summer Training (MUST)	26	18
Munich Advanced Course in International Law (MACI	_,	19
Financial Statement Analysis and Valuation (FAV)	26	12
Machine Learning and Data Analytics (MDA)	16	15
Big Data Analytics and Business Intelligence (EBI)	14	8
International Mangement and Communications (IM)	25	20
Munich Summer Curriculum (MSC)	7	1
Data Science for the Social Good (DSSG)	9	5

	Number of participants	Home Countries of participants
Language Courses		
Summer German Language Course	207	43
Study Preparation Program IUCM	130	32
Study Preparation Program Dkfa	33	17
DSH and TestDaF Preparation Course	9	8
Fit for the B2 Certificate	9	7
Fit for the B1 Certificate	6	4

	Summer Academies	Language Courses	Complete
Albania	0	4	4
Armenia	3	2	5
Argentina	1	0	1
Australia	2	8	10
Austria	0	2	2
Azerbaijan	2	0	2
Bangladesh	1	0	1
Belarus	0	2	2
Belgium	2	1	3
Bolivia	0	1	1
Bosnia and			
Herzegovina	0	3	3
Brazil	10	6	16
Bulgaria	2	2	4
Cambodia	1	0	1
Canada	6	12	18
Chile	0	1	1
China	55	35	90
Colombia	1	0	1
Croatia	0	5	5
Cyprus	3	2	5
Czech Republ	ic 2	36	38
Denmark	2	4	6
Ecuador	1	0	1
Egypt	2	1	3
Finland	1	2	3
France	8	8	16
Germany	11	3	14
Greece	5	1	6
Honduras	0	1	1

Summer Academies		Language Courses	Complete
Hong Kong	5	3	8
Hungary	2	2	4
India	13	1	14
Indonesia	2	0	2
Iran	3	0	3
Ireland	2	5	7
Israel	1	3	4
Italy	11	24	35
Japan	9	20	29
Kosovo	1	2	3
Lebanon	1	0	1
Lithuania	1	1	2
Macao	2	2	4
Macedonia	1	0	1
Mexico	4	2	6
Mongolia	1	0	1
Montenegro	0	2	2
Nepal	2	0	2
Netherlands	2	9	11
Nicaragua	1	0	1
Nigeria	1	0	1
North Macedonia	0	2	2
Norway	0	14	14
Peru	4	2	6
Philippines	1	0	1
Poland	7	9	16
Portugal	2	1	3

Summer Academies		Language Courses	Complete	
Romania	4	2	6	
Russian Federation	3	4	7	
Serbia	1	7	8	
Singapore	20	0	20	
Slovakia	2	4	6	
Slovenia	2	2	4	
South Africa	2	0	2	
South Korea	2	33	35	
Spain	7	20	27	
Sweden	4	0	4	
Switzerland	1	3	4	
Syria	1	0	1	
Taiwan	0	8	8	
Tanzania	1	0	1	
Thailand	0	5	5	
Tunisia	0	2	2	
Turkey	4	9	11	
Ukraine	3	5	8	
UK	6	14	20	
USA	9	35	44	
Vietnam	1	0	1	







## SUMMER SCHOOLS 2024 LMU Munich, Germany

Summer is a great time to be a student at LMU Munich and in Europe! Every year, more than 950 students from no less than 80 countries make MISU a truly international experience. You can immerse in German through a wide array of language courses or choose a summer academy to deepen your knowledge. Benefit from access to renowned professors who will inspire you to broaden your thinking and your goals. Gain credits towards your degree.

Credits / Certificate: After successful participation you receive ECTS credits and an LMU certificate with grades.

LAW SCHOOL	Munich University Summer Training in	02.0726.07. / In-class
	German and European Law (MUST)	
	www.must-misu.de (6 ECTS credits)	

Advanced Course in International 30.07.-09.08. / In-class

www.macil-misu.de (3 ECTS credits)

#### SCHOOL OF MANAGEMENT Finance, Accounting and Economics Summer Schools

www.fae-misu.de (6 ECTS credits)

Big Data Analytics and Business Intelligence (EBI)
 22.07.-09.08. / Online+In-class
 Financial Statement Analysis and Valuation (FAV)
 22.07.-09.08. / Online+In-class

Machine Learning and Datwa Analytics in 22.07.-09.08. / Online+In-class Finance and Accounting (MDA)

International Management (IM)
 05.08.-23.08. / In-class

#### **SOCIAL/POLITICAL SCIENCE** European Studies Summer and Winter Schools

www.european-study.eu (6-9 ECTS credits)

EU Studies: Winter School Munich - Vienna 08.01.-26.01. / In-class
 EU Studies: Vienna - Prague - Munich 15.07.-09.08. / In-class

EU Studies: Munich -Vienna
 EU Studies: Online Summer School
 29.07.-16.08. / Online

GERMAN LANGUAGE/CULTURE Summer German Language Course at all levels 05.08.-29-08. / In-class

www.ssk-misu.de (6 FCTS credits)

### Advance your career and widen your network!

FURTHER INFORMATION/ REGISTRATION WWW.LMU-MISU.DE

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