

SBWL Information Management & Control (IMC)



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(Assistant Professor and Co-ordinator of the Specialization)



FOCUS

Management of
Information Systems (IS)
in a **highly digitalized**
business environment:

- How to **govern** IS and provide **strategy alignment**?
- How to manage the **selection** and **development** of IS?
- How to **optimize** IS operations and **manage** related risks?

OUR LECTURES ARE

- ✓ **Very current** and **future-oriented** in particular serving the ongoing **business digitalization** and **transformation** trends
- ✓ **Research-led** and also **highly relevant** for practice
- ✓ **Enriched** by presentations from **business managers** and **SBWL alumni**

SBWL IMC Facts & Figures



OFFERED EACH SEMESTER/TERM

GENERAL INFORMATION

- **30 students**
- Duration (min.): **2 semesters**
- Every course at least **1x per semester**
- Admission based on **average grades** (ranking of all successfully completed ECTS)

COURSES

- **"PI"** for all courses
- Taught in **English** language
- **REASON:** *English is the worldwide language in information systems. In addition, to qualify for the Information Systems Master at WU, you have to verify IT-related courses in English (see <http://www.wu.ac.at/programs/en/master/is>)*



What we offer ...



(or WHY SHOULD YOU CHOOSE US...)

01

Advanced **management abilities** AND a profound **knowledge** of **Information Systems (IS)** in a **corporate environment**

02

Assessment and optimization of **performance** of (selected) IS-related **processes and projects**

03

Applicable knowledge concerning the **evaluation and control of IS** in companies

04

The ability to develop and analyze (even) new and innovative approaches in **digitalization of business processes**

... what you should bring with you



(...or HOW WELL THE SPECIALIZATION FITS YOUR INTERESTS)

01

Passion for **contemporary technologies** in a **corporate environment**

02

Interest for **corporate challenges** and how they can be addressed and managed with the help of **Information Systems (IS)**

03

Being open-minded for new and **innovative IS solutions** and having an interest in **analytical and structured management approaches**

04

The urge to trigger a **well-founded and highly relevant career path** dealing with management issues of **business digitalization**

Typical Jobs for Alumni

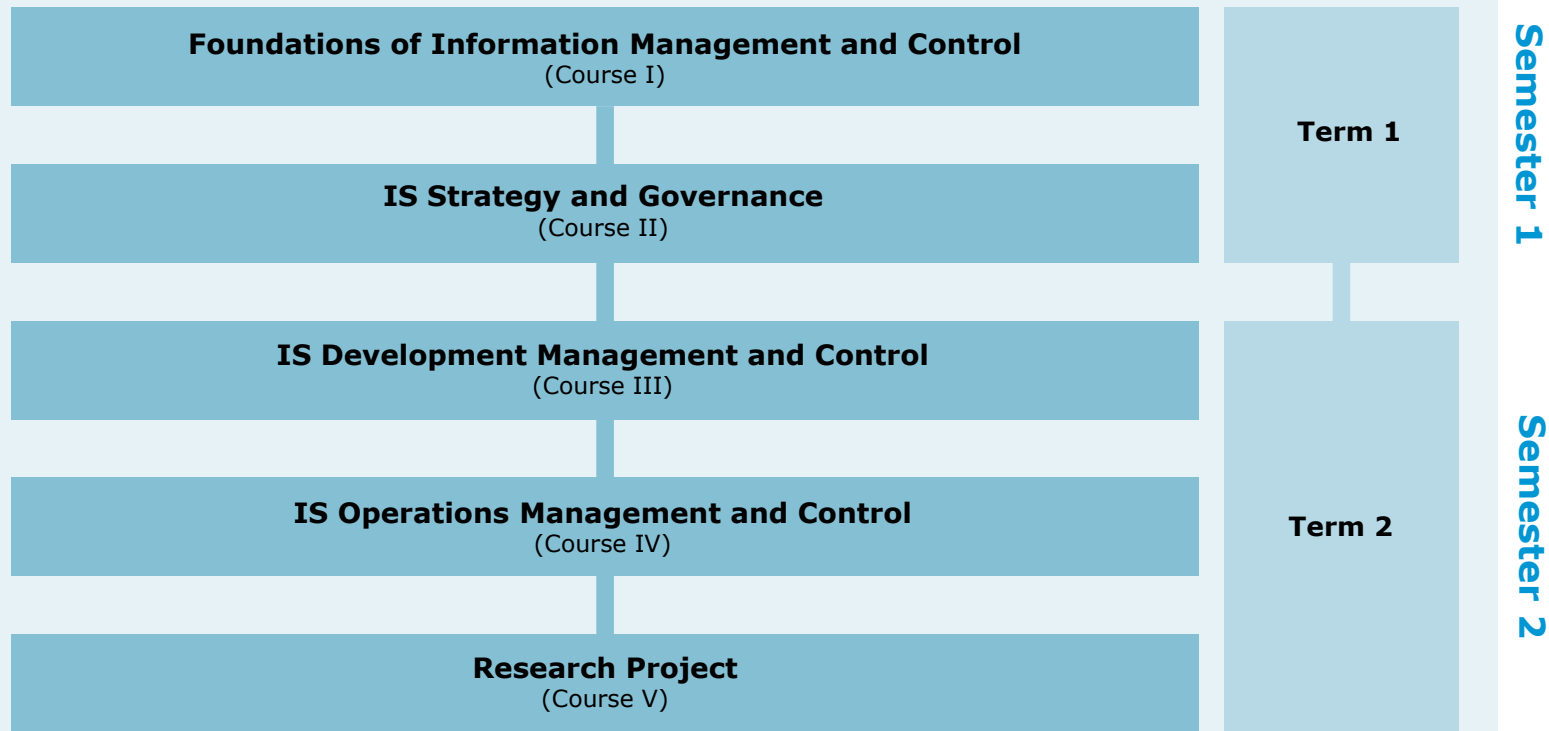


- **IS/IT MANAGER**
 - **IS/IT SERVICE MANAGER**
 - **IT/INFORMATION SECURITY MANAGER**
 - **IT AUDITOR**
 - **IT RISK MANAGER**
 - **IT/INFORMATION QUALITY MANAGER**
 - **IT CHANGE AND INNOVATION MANAGER**
 - **IT STRATEGIST**
 - **IT CONSULTANT**
 - **IT PROJECT MANAGER**
 - **PRODUCT MANAGER**
 - **PRODUCT OWNER**
 - **IT OPERATIONS MANAGER**
-  + MANY MORE...

SBWL IMC Structure

SBWL INFORMATION MANAGEMENT & CONTROL

Recommended: IS Project Governance and Management/Governance and Management of IT Projects



Course I

Foundations of Information Management and Control

GOAL

Achieve a basic **understanding** concerning the most **important information systems** used in a **business context** as well as **roles** related to IT in companies

CONTENT

- ✓ The introduction of **Information Systems (IS)**, **Corporate IT/IS Strategy**, and **Digital Transformation (DX)**
- ✓ Discussing and assessing **Digital Socio-Technical Systems**, **Human-Compatibility**, and **Humans in the loop**
- ✓ **Emerging challenges** and **future perspectives** of the field



Course II

IS Strategy and Governance

GOAL

Understand what an **IS strategy** is and how it is used to **generate value**. Be able to **design** and **interpret** selected **IS strategy performance models**.

CONTENT

- ✓ **IS strategy & governance principles & processes** based on IT Infrastructure Library (ITIL) & COBIT 5
- ✓ **Organizational requirements**
- ✓ **Challenges, risks**, and critical **success factors**
- ✓ Frameworks and methodologies including valuation and selection, as well as **performance optimization**



Course III

IS Development Management and Control

GOAL

Develop an **understanding** of managing the **purchase** and/or **development** of innovative **IS products and services**.

CONTENT

- ✓ **IS/IT processes** of IS purchase and development (based on IT Infrastructure Library - ITIL)
- ✓ **IS/IT software** development **process** (traditional vs. agile)
- ✓ Performance and **software metrics**
- ✓ **IS/IT investments:** cost-benefits assessments, purchase and development risks
- ✓ (Open) **IS/IT innovation**



Course IV

IS Operations Management and Control

GOAL

Develop a profound understanding on **operational management** of **Information Systems** in companies

CONTENT

- ✓ **IS/IT Service Management:** processes, functions, frameworks, standards (ITIL, ISO/IEC 20000, CMMI-SVC ...)
- ✓ **IS/IT Systems Management (Technical Management):** Processes, function, frameworks (TOGAF, FCAPS, ISO/IEC 2700n ...)
- ✓ Relevance and application in companies



Course V

Research Seminar

GOAL

Preparation for **future research projects** (e.g., Bachelor thesis)

CONTENT

- ✓ Final course
- ✓ **Different topics** (to fit your interests)



Bachelor Theses



AFTER FINISHING THE SPECIALIZATION

TOPICS

Related to the **topics** of the **members of the institute**

Please **contact** the members of the institutes **directly**

You can even **suggest a topic** you are **interested** in

PROCESS

- 1) Contact via e-mail – providing a possible **topic** (1 page description)
- 2) First **meeting** & feedback
- 3) Submit **proposal based on feedback** (approx. 5 pages)
- 4) Assessment: **Acceptance** or **rejection**
- 5) Finish your Bachelor thesis within **1 semester**



Admission Requirements

BAWISO AND BAWIRE 2023

- ✓ STEOP
- ✓ Annual Financial Statements and Financial Reporting
- ✓ Mathematics
- ✓ Statistics



- ✓ **BAWISO 2023:** at least 20 ECTS-Credits successfully completed in the Common Body of Knowledge (CBK)
- ✓ **BAWIRE 2023:** 2 out of 6 electives

BBE

- ✓ STEOP
- ✓ at least 42 ECTS Credits of the main program phase except for the "Academic Skills"

! 10 OUT OF THE AVAILABLE 30 PLACES WILL BE PREFERABLY GIVEN TO STUDENTS, WHICH HAVE ALREADY COMPLETED AT LEAST ONE COURSE OF THE MAJOR 'BUSINESS INFORMATION SYSTEMS' (WIRTSCHAFTSINFORMATIK)

Admission Process

01

Interested students **register** via **myWU** (*Access to Specialization in Business Administration: Information Management and Control*)

02

Matching phase through **MyMatch**. After this phase, students are informed centrally about the admission outcome.

03

Accepted students register for **Course I** (PI 0511) of our SBWL (*Foundations of Information Management and Control*)

**IF NOT ALL
PLACES ARE
FILLED →**

If there are places left after the PI registration phase, all admitted and waitlisted students will have the chance to directly register for the introductory PI during 2nd registration phase (***first-come, first-served basis***)

Important Dates

! THE IMPORTANT DATES FOR WINTER SEMESTER 2026/27 ARE AS FOLLOWS:

REGISTRATION PHASE

Registration phase (**myWU**):
**27.08.2026 (starting at 14:00) –
01.09.2026 (23:59)**

Notification of acceptance (via
MyMatch/LPIS): **14.09.2026**

Registration phase for accepted
students (**PI 0511**):
**17.09.2026 (starting at 14:00) –
20.09.2026 (23:59)**

IF FREE PLACES AVAILABLE

First come, first served basis

Second registration phase for
students on the waiting list
(**PI 0511**): **23.09.2026 –
27.09.2026**

First unit of introductory Course I
(**PI 0511**): **05.10.2026**

Our Team



**ao. Univ.Prof.
DDr. Roman
Brandtweiner**
Vice-chair of IS&O
Department



**Anita
Neumannova,
PhD**
SBWL Co-ordinator



**Dr. Everist
Limaj**
Assistant Professor



**Prof. Dr.
Edward
Bernroider**
Chair of the IMC
Institute



**Prof. Dr.
Barbara
Krumay**
External Lecturer



**Prof. Dr.
Nikolaus
Obwegeser**
External Lecturer



**Soheil Human,
PhD**
Assistant Professor

Practitioner Talk & Informal Get-Together



FOR STUDENTS IN THE SPECIALIZATION, WE ORGANIZE DIFFERENT EVENTS

PRACTITIONER TALK

Different topics presented by
our **business partners** and
alumni

WORKSHOPS

Aimed at strengthening **career possibilities** in collaboration
with **business partners**

GET-TOGETHER AFTER EVENTS

A platform for **exchanging information** with students of
other semesters/alumni

Business Partners (Excerpt)

Deloitte.

KPMG

pwc

SAP

ERSTE 
BANK

 **Raiffeisen**
INTERNATIONAL
Member of RZB Group

ÖNB
OESTERREICHISCHE NATIONALBANK
EUROSYSTEM

BRZ

bm 

BM.W_F^a
Bundesministerium für Wissenschaft und Forschung

WKÖ 

iSEEit

 **OESTERREICHISCHE
COMPUTER GESELLSCHAFT**
AUSTRIAN
COMPUTER SOCIETY

 **ISACA**
Serving IT Governance Professionals

DIMOCO 
building mobile payment worldwide

Austrian 

Testimonials



Maja Pavlovic

MSc: Imperial College London
Internship: Deutsche Bank

"My experience with the Institute for Information Management and Control is that of a **highly supportive and collaborative environment**. Overall, the institute's instructors provided **fast and high-quality support** throughout the whole specialization. Above all, Prof. Bernroider's supervision of my seminar and bachelor theses enabled me to secure MSc offer Imperial College London."



Matthias Kollin

PWC Austria: Consultant
(Consulting & Risk Services)

"Bei meiner Arbeit kann ich die Lehrinhalte des Instituts ideal in die Praxis umsetzen. Themen wie **COBIT und ITIL** sind für mich essentiell bei der **Prüfung von IT-Kontrollen und Prozessen in Unternehmen**. Ich bin davon überzeugt, dass die Erfahrungen dieses Kurses mir **einen Vorteil** beim Berufseinstieg verschafft habene."



Stefan Fischer

Deloitte FSI Advisory: Consulting
(Financial Service Industry)

"In meiner jetzigen Tätigkeit liegt primär der Fokus auf der **Entwicklung von webbasierten Tools im Bereich Risikomanagement**, sowie Quick-Checks von regulatorischen Richtlinien. Durch die Inhalte der Vorlesungen des Institute for Information Management and Control konnte ich eine **sehr gute Grundlage** für die aktuelle Tätigkeit schaffen."

All information about our SBWL can be found at
our **institute homepage**



wu.ac.at/imc



Questions?



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Department of Information Systems and Operations

Institute for Information Management
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