The iSAQB® Academic Partner Program for

CPSA-F®

**Certified Professional for Software Architecture
Foundation Level**

**Internationally Recognized Standard
for Training and Certification
in Software Architecture**

iSAQB®

The International Software Architecture Qualification Board (iSAQB®)

The iSAQB® is an international association comprised of leading software architecture experts and companies from throughout the industry, with the aim to set the global knowledge standards in software architecture for consulting, training, academia, and organizations alike. As a non-profit organization, the iSAQB® proudly provides the tools that enable valuable training and valid certifications to software architects on a global scale.

25,000+

OVER 25,000 CPSA®-CERTIFIED SOFTWARE ARCHITECTS WORLDWIDE

As holder of the international certification system Certified Professional for Software Architecture (CPSA®), the iSAQB® follows the DIN EN ISO/IEC 17024 standard and therefore does not conduct any training courses or examinations itself. This responsibility lies solely with the licensed certification bodies that conduct and evaluate examinations and issue certificates for successful participants. The iSAQB® primarily establishes training and examination regulations, accredits training organizations as well as independent certification bodies, and defines necessary processes. These processes are in place to ensure that all CPSA® certifications are always performed neutrally and independently.

Become an Academic Partner of the iSAQB®

The immense global demand for qualified software architects continues to grow steadily. This is why a major goal of the iSAQB® is to promote the education and training of future software architects at colleges and universities all over the world. For this purpose, the iSAQB® offers an international program aimed at academic institutions with degrees in IT sciences and courses with a focus on software architecture. Becoming a part of the iSAQB® Academic Partner program shows that the institution meets the highest teaching standards in software architecture. Recognized Academic Partners of the iSAQB® enjoy the following benefits:
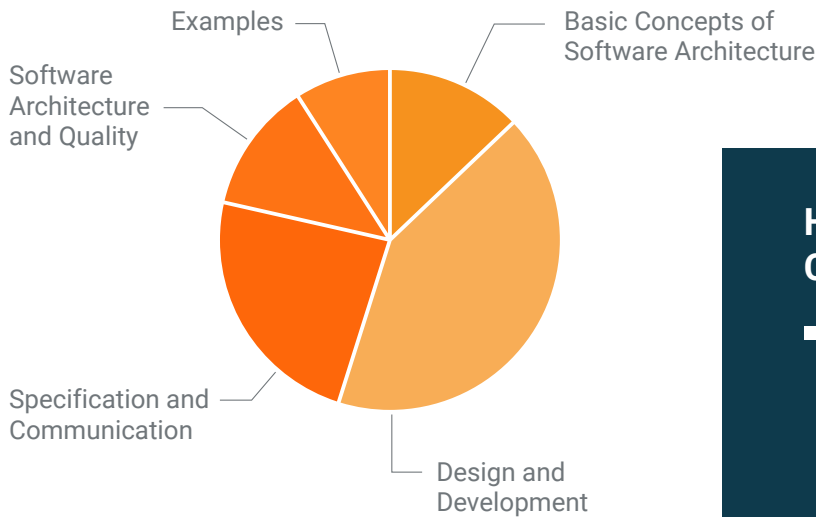
> Lecturers receive a complete set of slides with didactically prepared training material according to the Certified Professional for Software Architecture-Foundation Level (CPSA-F®) curriculum, along with a comprehensive trainer's guide (free of charge, available in English and Spanish).

> Academic Partners have the right to organize CPSA® examinations on site – in cooperation with recognized certification partners of the iSAQB®.

> Students receive a 50 % discount on the CPSA®-Foundation Level certification exam.

> Access to the iSAQB® Academic Partner network, which offers many networking opportunities between Academic Partners and with experts from the IT industry.

> Possibility to invite well-known iSAQB® experts as guest lecturers to present to your students.

> Academic Partners will receive a certificate of recognition and the quality seal "iSAQB® Academic Partner" that can be used in all your marketing materials.

> Free participation in the iSAQB®'s annual conference, the Software Architecture Gathering (SAG), for lecturers and students.

The CPSA®-Foundation Level for a Solid and Pragmatic Introduction to Software Architecture

CPSA-F®
Certified Professional for Software Architecture
Foundation Level

The iSAQB® Certified Professional for Software Architecture (CPSA®) program is aimed at anyone who works on solution structures in IT projects, primarily in the areas of software architecture, development, and quality assurance. It is also valuable for professionals involved in system analysis or professionals who wish to improve the communication with developers. Within the multi-level CPSA® program, the Foundation Level as the first level imparts the ability to design and document an appropriate software architecture in a team, to assure and evaluate quality, and it covers necessary tools for correctly described requirements and systems up to a medium size. The CPSA-F® certification is awarded to those who can demonstrate the mastery of a solid foundation of software architecture knowledge.
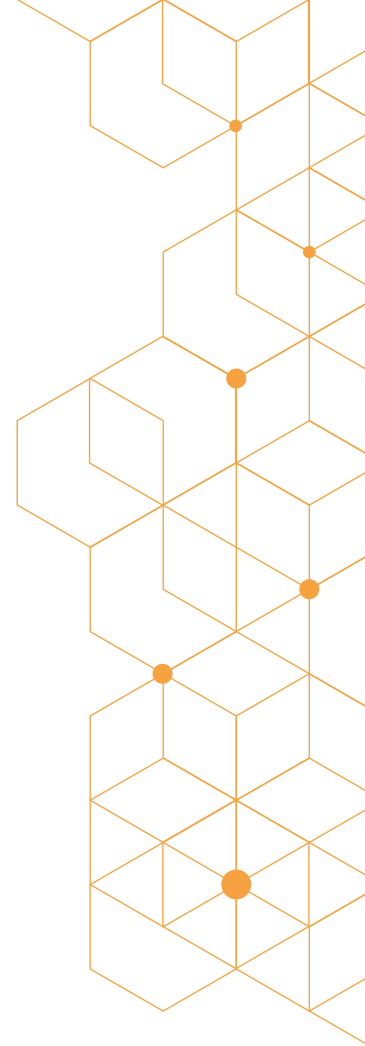
Contents of the Foundation Level:

- Examples
- Software Architecture and Quality
- Basic Concepts of Software Architecture
- Specification and Communication
- Design and Development

CPSA®-Foundation Level Exam:

Optionally, students can be examined and (if successful) certified as "Certified Professional for Software Architecture–Foundation Level (CPSA-F®)" by our recognized independent examination bodies after the completion of the Foundation Level training course. The examination consists of a multiple choice test and can be taken online or on-site in groups. Currently, exams are available in English, German, Italian, Portuguese, and Spanish.

Holders of the CPSA-F® Certificate Have:

- The ability to successfully coordinate essential software architecture decisions with other project participants from the fields of requirements management, project management, testing, and development.

- The ability to document and communicate software architectures based on architecture patterns and technical concepts.

- The ability to understand and independently carry out the essential steps in designing software architectures for small and medium-sized systems.

Public Documents of the CPSA-F® Certification for Further Information

Curriculum Foundation Level ⤓

Curriculum of the Foundation Level with all learning goals and terms for the individual chapters.

Foundation Level – Examination Rules ⤓

This document contains general rules regarding the CPSA®-Foundation Level examination. It provides information on duration, types of questions, scoring, privacy, and confidentiality agreements.

Foundation Level – Mock Exam Questions ⤓

The Foundation Level mock exam contains 39 questions and is based on the real exam.

Foundation Level – Mock Exam Answers ⤓

This file contains solutions of the Foundation Level mock exam questions.

Glossary of Software Architecture Terminology ⤓

The iSAQB® Glossary covers the basic terminology of software architecture.

For further information, please visit our website or contact us:

International Software Architecture Qualification Board (iSAQB®)

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