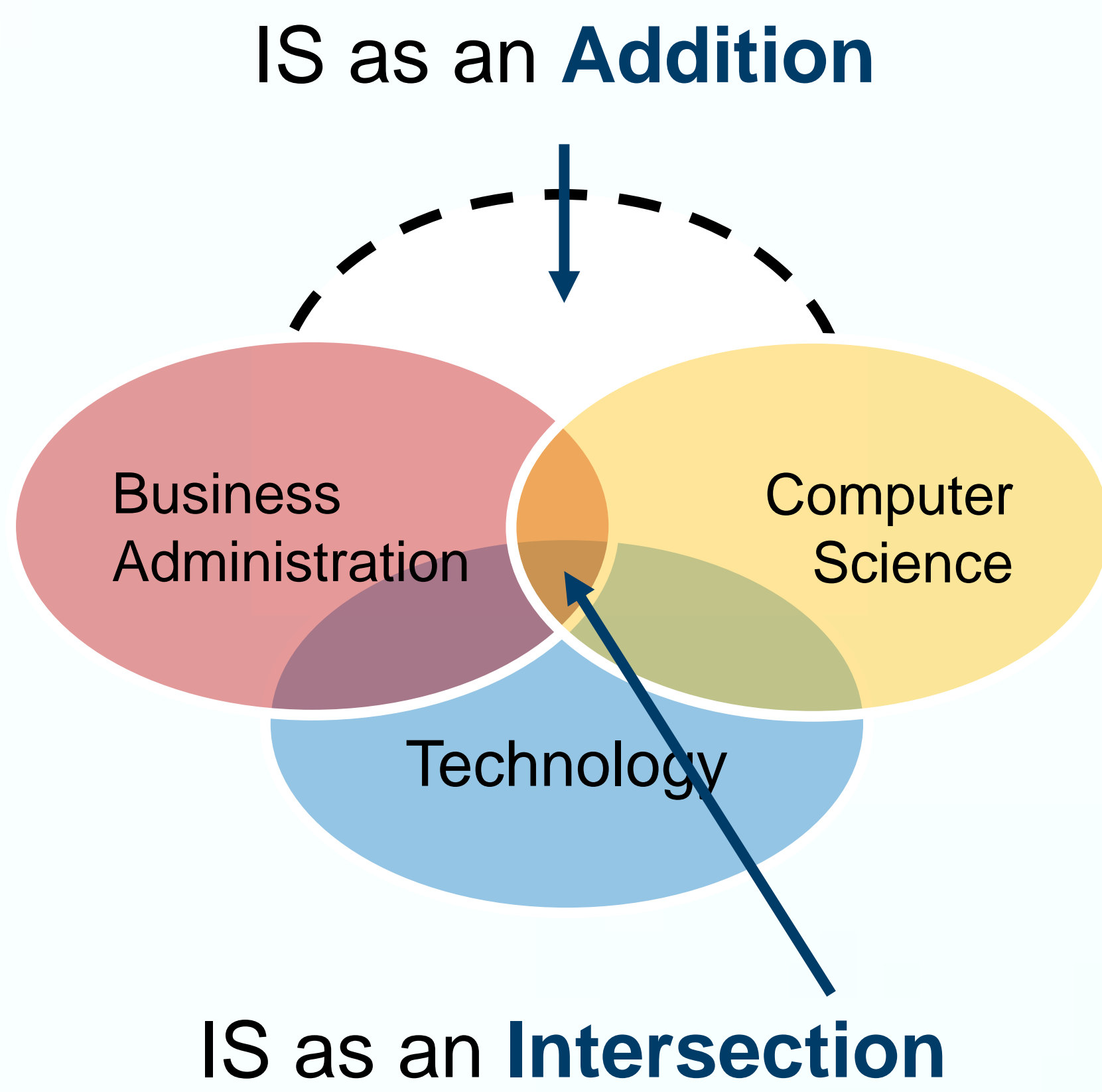




What is Business Information Systems?

How is the programme specialization structured?

CLASSIFICATION OF INFORMATION SYSTEMS (IS)



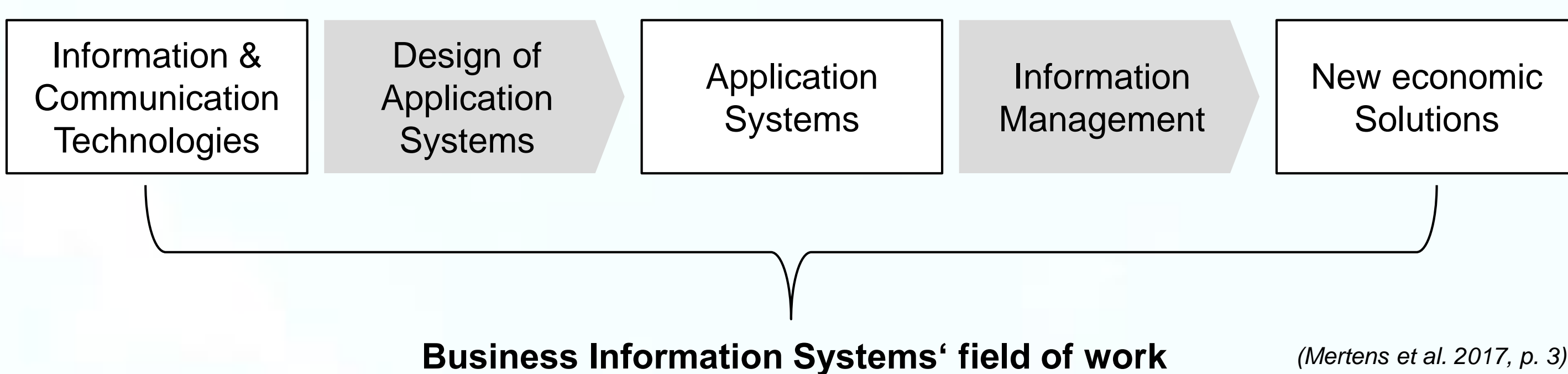
FIELD OF WORK

Business Informatics deals with

1. the **design**
2. the **operation** and
3. the **use**

of **IT systems** in **economy, administration** and in the **private sector**.

(Mertens et al. 2017, pp. 1; Mertens et al. 2012, pp. 1)



ASPECTS AND SUB-AREAS

Two **central aspects**:

1. Focus on business applications
2. Consideration of all aspects of information processing
 - Development of application systems
 - Strategic aspects of information processing

Sub-areas of Business Information Systems

- **Information Management**
 - Strategic planning of information processing
 - Organization of information processing
- **System Development & System Selection**
 - Organizational aspects (procedure, methodology)
 - Business processes
 - Technical aspects (databases, interfaces,...)
- **Application Systems**
 - in manufacturing companies
 - in service enterprises

Status: October 2020

SPECIALISATION MODULES

Studyfields: IS (24 C) + Business Administration (24 C)

12 C	Seminar in Business Informatics	Mandatory	Research Project	18 C
6 C	Modeling & System Development	Elective Modules	Choose one Business Administration Module: • Distribution • Corporate Finance • Logistics and Supply Chain Management • Management Accounting • Corporate Planning	6 C
6 C	Integrated Application Systems			
6 C	Information Management			
<i>need to pass at least 2</i>			<i>need to pass at least 1</i>	

Example Study Plan

Sem. Σ C	Core Informatics (30 C) Master Thesis (30 C)			Programme Specialisation (48 C)			Key Competences (12 C)	
	Module	Module	Module	Module	Module	Module	Module	Module
1. SoSe Σ 28 C	Mobile Communication 5 C	Seminar on Advanced Topics in Telematics 5 C		Modeling & System Development 6 C	Integrated Application Systems 6 C	Corporate Finance 6 C		
2. WiSe Σ 32 C	Specialisation Mobile Communication 5 C	Parallel Computing 6 C	Practical Course on Modelling 9 C				Practical Course Advanced Networking 6 C	Practical Course in Software Engineering 6 C
3. SoSe Σ 30 C				Seminar in Business Informatics 12 C	Research Project 18 C			
4. WiSe Σ 30 C	Master Thesis 30 C							

CHAIRS OF INFORMATION SYSTEMS



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