

## Ch 2: Background on SO



Lecture 1

Concepts on Service Oriented Software



Difference with Traditional Software



Concepts on Service Aspects



## Ch 3: Design documentation



Lecture 2

Standard definitions in Software Design



Standard definitions in Software Architecture Design



How to present a Software Design



## Ch 4: Design rationale



Lecture 5

Capturing Design rationale



General design skills

## Ch 5: Service identification



Lecture 3

Terminology on Service Identification



Methodology for Service Identification



## Ch 6: Service oriented design



Lectures 7 and 8

Methodology for Service Oriented Design



Standard definitions in Software Architecture Design



AK-SPAM Template (for Design Space)



Tutorial SoaML



Guidelines to define Views and Viewpoints in a project



Key specific topics

## Ch 7: Design for sustainability



Lecture 6

On the 4 Dimensions of Sustainability



Decision Maps



A Sustainability Quality Model



Definition of Sustainability (Green) Strategies



SOD with Sustainability Strategies



## Ch 8: Design for microservices



Lecture 4

Introduction to Microservice Design



Microservices vs. SOA

