The published version of SWEBOK V3 has the following 15 **knowledge areas** (KAs) within the field of <u>software engineering</u>:

KAs	SWEBOK V3(2014)	SWEBOK V2(2004)
1	Software requirements	Software requirements
2	Software design	Software design
3	Software construction	Software construction
4	Software testing	Software testing
5	Software maintenance	Software maintenance
6	Software configuration management	Software configuration management
7	Software engineering management (Engineering management)	Software engineering management (Engineering management)
8	Software engineering process	Software engineering process
9	Software engineering models and methods	Software engineering tools and methods
10	Software quality	Software quality
11	Software engineering professional practice (professionalism) （软件工程职业实践知识领域）	
12	Software engineering economics（软件工程经济学）	
13	Computing foundations (基础知识领域)	
14	Mathematical foundations (基础知识领域)	
15	Engineering foundations (基础知识领域)	
	It also recognized, but did not define, these related disciplines: • Computer engineering • Systems engineering • Project management • Quality management • General management • Computer science • Mathematics	It also defines disciplines related to software engineering: • Computer engineering • Computer science • Management • Mathematics • Quality management • Software ergonomics (Cognitive ergonomics)（软件功效学） • Systems engineering