

# Module Catalogue

for the Subject

# Clinical Research and Epidemiology

with the degree "Begleitstudium"

(90 ECTS credits)

Examination regulations version: 2012 Responsible: Faculty of Medicine

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## Contents

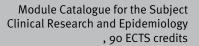
The subject is divided into	3
Abbreviations used, Conventions, Notes, In accordance with	4
Compulsory Courses	5
Introduction in epidemiology and biometry	6
Introduction in epidemiological and biometrical methods 1	7
Introduction in epidemiological and biometrical methods 2	8
Advanced biostatistical methods	9
Advanced epidemiological methods	10
How to read a paper	11
Practical training clinical research 1	12
Practical training clinical research 2	13
Colloquium clinical research 1	14
Colloquium clinical research 2	15
Compulsory Electives	16
Clinical trial methodology	17
Introduction in clinical research questions	18
Transferable skills training	19
Evidence based medicine	20
Diseasespecific epidemiology	21
Health services research	22
Prognostic modelling	23



# The subject is divided into

section / sub-section	ECTS credits	starting page
Compulsory Courses	60	5
Compulsory Electives	30	16





#### Abbreviations used

Course types:  $\mathbf{E}$  = field trip,  $\mathbf{K}$  = colloquium,  $\mathbf{O}$  = conversatorium,  $\mathbf{P}$  = placement/lab course,  $\mathbf{R}$  = project,  $\mathbf{S}$  = seminar,  $\mathbf{T}$  = tutorial,  $\ddot{\mathbf{U}}$  = exercise,  $\mathbf{V}$  = lecture

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB** = list of modules

Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s)

### Conventions

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

#### Notes

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should the module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

#### In accordance with

the general regulations governing the degree subject described in this module catalogue:

frei

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

#### 24-Oct-2012 (2012-174)

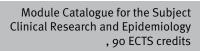
This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.





# **Compulsory Courses**

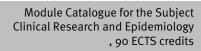
(60 ECTS credits)



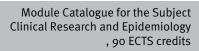
Module title			Abbreviation		
Introduction in epidemiology and biometry				03-KFE-1-122-m01	
Module	e coord	inator		Module offered by	
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	undergraduate			
Conten	ts				
		of clinical and epidemiolo and computation of epide			diagnostics and their applicati-
Intende	ed lear	ning outcomes			
on stud with pe	ly desig rforma t result	gns as well as potential s nce parameters of diagno s. They are also familiar	ources of and measu ostic tests and are ab	res against bias of s le to provide quantil	l research and epidemiology, tudy results. They are familiar tative interpretations of diagno- easures and are able to compute
Course	<b>S</b> (type, r	number of weekly contact hours, l	anguage — if other than Ger	man)	
V + Ü (r	no infor	mation on SWS (weekly o	contact hours) and co	ourse language avail	able)
		<b>sessment</b> (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
written	exami	nation (approx. 60 minut	es) and oral examina	tion (approx. 25 min	utes)
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Workload					
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
	Module appears in				
Comple	Complementary non-degree programme Clinical Research and Epidemiology (2012)				

Module title				Abbreviation	
Introduction in epidemiological and biometrical methods 1				03-KFE-2-122-m01	
Module	coord	inator		Module offered by	
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine	
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	undergraduate			
Conten	ts				
Basics stics.	of the s	statistical software SPSS	; data preparation; de	escriptive statistics;	basic methods of inference stati-
Intende	ed learr	ning outcomes			
and rec phically	ode da y. They	ta. They have learned to	describe data numer	ically by statistical n	nd merge as well as to transform neasures and to represent it gra- rell as fundamental methods for
Courses	<b>S</b> (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
S (no in	format	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		e <b>ssment</b> (type, scope, langua le for bonus)	ge — if other than German, o	examination offered — if no	t every semester, information on whether
semina	r papei	r (approx. 10 pages)			
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Worklo	ad				
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module					
Comple	Complementary non-degree programme Clinical Research and Epidemiology (2012)				

Module	e title				Abbreviation	
Introduction in epidemiological and biometrical methods 2 03-KFE-3-122-mo1					03-KFE-3-122-m01	
Module coordinator				Module offere	d by	
Institut	te of Cl	inical Epidemiology a	nd Biometry (ICE-B)	Faculty of Med	licine	
ECTS	Meth	od of grading	Only after succ. co	mpl. of module(s	5)	
5		rical grade				
Duratio		Module level	Other prerequisite	S		
1 seme	ster	graduate				
Conten	its	1.0	I			
Statisti	ical mo	delling by multiple re	gression for metric, bin	ary, ordinal and	survival data.	
		ning outcomes				
					odel, binary and ordinal logistic re- Ind are able to test for interaction ef-	
Course	<b>S</b> (type,	number of weekly contact ho	ours, language — if other than G	erman)		
S (no ir	nforma	tion on SWS (weekly	contact hours) and cour	se language ava	ilable)	
		<b>sessment</b> (type, scope, la ble for bonus)	anguage — if other than Germar	, examination offered	— if not every semester, information on whether	
semina	ar pape	r (approx. 10 pages)				
Allocat	ion of	places				
		<u>.</u>				
Additio	onal inf	ormation				
Worklo	ad					
Teachi	ng cyc	le				
Referre	ed to in	LPOI (examination regul	ations for teaching-degree prog	rammes)		
Module	e appe	ars in				
			amme Clinical Research	and Enidomiolog		



Module title				Abbreviation	
Advanced biostatistical methods				03-KFE-4-122-m01	
Module	coord	inator		Module offered by	<u> </u>
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine	
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
5	nume	rical grade	03-KFE-1 and 03-KFE	-2 and 03-KFE-3	
Duratio	n	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
	sentatio				on of tables and figures suitable e taught as needed for the speci-
Intende	ed leari	ning outcomes			
cal ana	lyses to enting	o answer the questions a the statistical methods a	nd learn to present th	ne results in tables a	lata set. They perform all statisti- and figures. They also contribute a scientific publication in a peer-
Course	<b>S</b> (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
S (no in	format	ion on SWS (weekly cont	act hours) and cours	e language available	e)
		<b>essment</b> (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
		approx. 45 minutes) and ssessment: German, Eng		(approx. 60 minutes	;)
Allocat					
Additio	nal inf	ormation			
Worklo	ad				
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module					
Complementary non-degree programme Clinical Research and Epidemiology (2012)					



Module title				Abbreviation	
Advanced epidemiological methods				03-KFE-5-122-m01	
Module	coord	inator		Module offered by	
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine	
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
5	nume	rical grade	03-KFE-1 and 03-KFE	-2 and 03-KFE-3	
Duratio	n	Module level	Other prerequisites		
2 seme	ster	graduate			
Conten	ts				
		s of study design; analys dence-based medicine.	sis of the relationship	between risk factor	s and outcome; fundamental
Intende	ed learı	ning outcomes			
to answ	ver rese relatio	earch questions and to as nship between risk facto	ssure the quality of st	udy data. They perfo	use methodological elements orm numerical analyses to quan- and assess the evidence arising
Course	<b>S</b> (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
S (no in	Iformat	ion on SWS (weekly cont	act hours) and cours	e language available	<u>a)</u>
		<b>essment</b> (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether
		approx. 45 minutes) and ssessment: German, Eng		ox. 5 pages)	
Allocat	-				
Additio	nal inf	ormation			
Worklo	ad				
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module appears in					
Complementary non-degree programme Clinical Research and Epidemiology (2012)					



Module title				Abbreviation	
How to read a paper					03-KFE-6-122-m01
Module	e coord	inator		Module offered by	
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine	
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)	
5	nume	rical grade	03-KFE-1 and 03-KFE	-2 and 03-KFE-3	
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
Attenda	ance of	the course "How to read	a paper"; seminar pa	aper in the form of a	paper review.
Intende	ed lear	ning outcomes			
study d	lesigns		pitfalls for authors an	nd readers. By writing	lications in the context of various g a review on a published paper, work.
Course	<b>S</b> (type, r	number of weekly contact hours, l	anguage — if other than Ger	rman)	
S (no ir	format	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		<b>sessment</b> (type, scope, langua le for bonus)	ge — if other than German, o	examination offered — if no	t every semester, information on whether
		approx. 45 minutes) and ssessment: German, Eng		ox. 5 pages)	
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Workload					
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
	Module appears in				
Comple	Complementary non-degree programme Clinical Research and Epidemiology (2012)				



Module title				Abbreviation	
Practical training clinical research 1			03-KFE-14-122-m01		
Module	e coord	inator		Module offered by	
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine	
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
10	nume	rical grade			
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
particip	oant wa				n summary of research topics the skills, and critical reflection of
Intende	ed learı	ning outcomes			
of stud ment, o	ies and lata ch	study documents, data	acquisition (includinរ្ In the summary repo	g examination of stu rt, students relate th	dies. This includes preparation dy participants), data manage- eir newly acquired experience to eoretical issues.
Course	<b>S</b> (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
P (no ir	format	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		s <b>essment</b> (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
port on	techni	oort / fieldwork report / re cal course (approx. 5 pag ssessment: German, Eng	ges)	ning / report on prac	ctical course / project report / re-
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Workload					
Teaching cycle					
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)					
Module appears in					
Comple	Complementary non-degree programme Clinical Research and Epidemiology (2012)				



Module title			Abbreviation		
Practical training clinical research 2			03-KFE-16-122-m01		
Module	e coord	inator		Module offered by	
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine	
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
10	nume	rical grade			
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
particip	oant wa				n summary of research topics the skills, and critical reflection of
Intende	ed learı	ning outcomes			
of stud ment, o	ies and lata ch	study documents, data	acquisition (includinរ្ In the summary repo	g examination of stu rt, students relate th	dies. This includes preparation dy participants), data manage- leir newly acquired experience to leoretical issues.
Course	<b>S</b> (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
P (no ir	format	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		s <b>essment</b> (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
port on	techni	oort / fieldwork report / re cal course (approx. 5 pag ssessment: German, Eng	ges)	ning / report on prac	ctical course / project report / re-
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Workload					
Teaching cycle					
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)					
Module appears in					
Comple	Complementary non-degree programme Clinical Research and Epidemiology (2012)				



Module title				Abbreviation	
Colloquium clinical research 1			03-KFE-15-122-m01		
Module coordinator				Module offered by	· · · · · · · · · · · · · · · · · · ·
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)	
5	nume	rical grade	03-KFE-14		
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
-		dance of the colloquium a ing in a talk.	and contributions to t	he discussion; pres	entation of the participant's own
Intende	ed learı	ning outcomes			
se. Dur	ing the The pre	talk and discussion with sentation of the individu	their classmates, stu	udents will be able to	nave learned in the practical cour- o practise their communication more in-depth insights into the
Course	<b>S</b> (type, n	number of weekly contact hours, l	anguage — if other than Ger	man)	
K (no ir	format	ion on SWS (weekly cont	act hours) and cours	e language available	<u>e)</u>
		<b>sessment</b> (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
		approx. 30 minutes) and ssessment: German, Eng		ox. 5 pages)	
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Workload					
Teaching cycle					
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)					
Module	e appea	ars in			
Comple	Complementary non-degree programme Clinical Research and Epidemiology (2012)				



Module title				Abbreviation	
Colloquium clinical research 2				03-KFE-17-122-m01	
Module coordinator				Module offered by	· · · · · · · · · · · · · · · · · · ·
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)	
5	nume	rical grade	03-KFE-16		
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
-		dance of the colloquium a ing in a talk.	and contributions to t	he discussion; pres	entation of the participant's own
Intende	ed learı	ning outcomes			
se. Dur	ing the The pre	talk and discussion with sentation of the individu	their classmates, stu	udents will be able to	nave learned in the practical cour- o practise their communication more in-depth insights into the
Course	<b>S</b> (type, n	number of weekly contact hours, l	anguage — if other than Ger	man)	
K (no ir	format	ion on SWS (weekly cont	act hours) and cours	e language available	<u>e)</u>
		<b>sessment</b> (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
		approx. 30 minutes) and ssessment: German, Eng		ox. 5 pages)	
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Workload					
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
	Module appears in				
Comple	Complementary non-degree programme Clinical Research and Epidemiology (2012)				





Module Catalogue for the Subject Clinical Research and Epidemiology , 90 ECTS credits

# **Compulsory Electives**

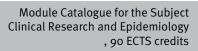
(30 ECTS credits)



Module title					Abbreviation	
Clinical trial methodology 03-KFE-7-122-m01						
Module coordinator Module offer				Module offered by		
		nical Epidemiology and E ical Studies	Biometry (ICE-B) /	Faculty of Medicine	2	
ECTS	Metho	od of grading	Only after succ. compl. of module(s)			
5	nume	rical grade	03-KFE-1 and 03-KFE	-2 and 03-KFE-3		
Duratio	on	Module level	Other prerequisites			
1 seme	ester	undergraduate				
Conter	nts					
Attend	ance of	the certified course for c	linical investigators of	offered by the Clinica	al Trial Centre Würzburg.	
Intend	ed lear	ning outcomes				
and me	edical d		regulatory aspects. The	ney are also familiar	e, legal requirements for drug with requirements regarding the e.	
Course	<b>S</b> (type, r	number of weekly contact hours, l	anguage — if other than Ge	rman)		
S (no i	nformat	ion on SWS (weekly cont	act hours) and cours	e language available	e)	
		<b>sessment</b> (type, scope, langua le for bonus)	ge — if other than German,	examination offered — if no	ot every semester, information on whether	
		approx. 45 minutes) and ssessment: German, Eng		ox. 5 pages)		
Allocat	tion of p	olaces				
Additio	onal inf	ormation				
Worklo	ad					
Teaching cycle						
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)						
Module appears in						
Complementary non-degree programme Clinical Research and Epidemiology (2012)						



Module title					Abbreviation		
Introduction in clinical research questions					03-KFE-8-122-m01		
Module coordinator				Module offered by			
Institute of Clinical Epidemiology and Biometry (ICE-B)			Biometry (ICE-B)	Faculty of Medicine			
ECTS	5 Method of grading Only after succ. compl. of module(s)						
5	numerical grade						
Duratio	n	Module level	Other prerequisites	Other prerequisites			
2 seme	ster	graduate					
Conten	ts						
-		lance of the research ser itution; talk delivered by		of Clinical Epidemio	logy and Biometry and/or a co-		
Intende	ed learr	ning outcomes					
sentatio	on on a	,, ,	idents have learned t	o select relevant sou	evant) research. Delivering a pre- urces, to prepare them for pre-		
Course	<b>S</b> (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)			
S (no in	format	ion on SWS (weekly cont	act hours) and cours	e language available	e)		
	<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)						
		approx. 45 minutes) and ssessment: German, Eng		ox. 5 pages)			
Allocat	ion of p	olaces					
Additio	nal info	ormation					
Worklo	Workload						
Teaching cycle							
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)							
Module appears in							
Complementary non-degree programme Clinical Research and Epidemiology (2012)							



Module title					Abbreviation	
Transf	Transferable skills training 03-KFE-9-122-m01					
Modul	e coord	inator		Module offered by		
		nical Epidemiology and I ool of Life Sciences	Biometry (ICE-B) /	Faculty of Medicine	2	
ECTS	5 Method of grading Only after succ. compl. of modu			npl. of module(s)		
5	nume	rical grade	03-KFE-1 and 03-KFE	E-2 and 03-KFE-3		
Durati	on	Module level	Other prerequisites			
1 seme	ester	undergraduate				
Conte	nts					
Attend	lance of	a transferable skills cou	rse of the participant	's choice offered by	the GSLS.	
Intend	ed lear	ning outcomes				
		acquire and extend their er design, literature sear		entific work such as	writing papers, giving talks, pro-	
Course	<b>es</b> (type, r	number of weekly contact hours,	anguage — if other than Ge	rman)		
S (no i	nformat	tion on SWS (weekly cont	act hours) and cours	e language available	e)	
		<b>sessment</b> (type, scope, langua ile for bonus)	ge — if other than German,	examination offered — if no	ot every semester, information on whether	
	oprox. 2 age of a	pages) ssessment: German, Eng	lish			
	tion of p					
Additi	onal inf	ormation				
Workle	oad					
Teaching cycle						
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)						
Module appears in						
Complementary non-degree programme Clinical Research and Epidemiology (2012)						



Module	Module title Abbreviation						
Evidend	Evidence based medicine 03-KFE-10-122-m01						
Module coordinator				Module offered by			
Institut	e of Cli	nical Epidemiology and E	Biometry (ICE-B)	Faculty of Medicine			
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)			
5	nume	rical grade	03-KFE-1 and 03-KFE	-2 and 03-KFE-3			
Duratio	n	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
System	atic rev	views and meta-analyses	; aims of clinical guid	lelines.			
Intende	ed learr	ning outcomes					
	/idence	e and meta-analysis. They			ods of systematic review of exi- ge about the development of cli-		
Course	<b>S</b> (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)			
S (no in	format	ion on SWS (weekly cont	act hours) and cours	e language available	2)		
		e <b>essment</b> (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether		
		approx. 45 minutes) and ssessment: German, Eng		ox. 5 pages)			
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Workload							
Teaching cycle							
Referred to in LPO I (examination regulations for teaching-degree programmes)							
Module	Module appears in						
Complementary non-degree programme Clinical Research and Epidemiology (2012)							



Module	Module title Abbreviation						
Disease	Diseasespecific epidemiology 03-KFE-11-122-m01						
Module coordinator				Module offered by			
Institute of Clinical Epidemiology and Biometry (ICE-B) / Comprehensive Heart Failure Center			Biometry (ICE-B) /	Faculty of Medicine			
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)			
5	nume	rical grade	03-KFE-1 and 03-KFE	-2 and 03-KFE-3			
Duratio	n	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
		two courses of the Winte ectures and discussed in		logy; selected topic	s of disease-specific research are		
Intende	ed lear	ning outcomes					
the con	text of lemic t	disease-specific research	h. In the joint session	is of students, young	al methods and techniques in g clinicians and scientists as well and knowledge in a workshop at-		
Course	<b>S</b> (type, r	number of weekly contact hours, l	anguage — if other than Ger	man)			
S (no in	format	ion on SWS (weekly cont	act hours) and cours	e language available	2)		
		<b>sessment</b> (type, scope, langua <sub>)</sub> le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether		
		approx. 45 minutes) and ssessment: German, Eng		ox. 5 pages)			
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Worklo	ad						
Teaching cycle							
Referred to in LPO I (examination regulations for teaching-degree programmes)							
Module appears in							
Complementary non-degree programme Clinical Research and Epidemiology (2012)							



Module title					Abbreviation	
Health services research 03-KFE-12-1				03-KFE-12-122-m01		
Module coordinator				Module offered by		
Institute of Clinical Epidemiology and Biometry (ICE-B)			Biometry (ICE-B)	Faculty of Medicine		
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)		
5	nume	rical grade	03-KFE-1 and 03-KFE	-2 and 03-KFE-3	and o3-KFE-3	
Duratio	n	Module level	Other prerequisites	S		
1 seme	ster	graduate				
Conten	ts					
Special cations	•	ts of studies on quality a	ssurance and health	services; discussion	of examples from recent publi-	
Intende	ed learı	ning outcomes				
se parti	The students know the specific requirements for studies in health service research. They take into account the- se particularities when defining study questions, choosing suitable study designs and appropriate statistical me- thods which are distinct from approaches in other epidemiological or clinical studies.					
Course	<b>S</b> (type, n	umber of weekly contact hours, l	anguage — if other than Ger	rman)		
S (no in	format	ion on SWS (weekly cont	act hours) and cours	e language available	a)	
		<b>essment</b> (type, scope, langua le for bonus)	ge — if other than German, o	examination offered — if no	t every semester, information on whether	
		approx. 45 minutes) and ssessment: German, Eng		ox. 5 pages)		
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Workload						
Teaching cycle						
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)						
Module appears in						
Complementary non-degree programme Clinical Research and Epidemiology (2012)						



Module title Abbreviation					Abbreviation	
Prognostic modelling 03-KFE-13-122-m01					03-KFE-13-122-m01	
Module	e coord	inator		Module offered by	Module offered by	
Institute of Clinical Epidemiology and Biometry (ICE-B) / Comprehensive Heart Failure Center			Biometry (ICE-B) /	Faculty of Medicine		
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)		
5 numerical grade 03-KFE-1 and 03-KFE-2 a			-2 and 03-KFE-3	2 and 03-KFE-3		
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Exampl	es of p	rognostic modelling from	literature will be stu	died in seminars; pr	actical exercises.	
Intende	ed lear	ning outcomes				
	eristic	s and differences betwee			ic scores. They know common omparison to diagnostic and	
Course	<b>S</b> (type, r	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (no ir	format	ion on SWS (weekly cont	act hours) and cours	e language available	2)	
	<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)					
		approx. 45 minutes) and ssessment: German, Eng		ox. 5 pages)		
Allocation of places						
Additio	nal inf	ormation				
Worklo	Workload					
Teaching cycle						
Referred to in LPO I (examination regulations for teaching-degree programmes)						
Module	Module appears in					
Complementary non-degree programme Clinical Research and Epidemiology (2012)						