

Subdivided Module Catalogue for the Subject

Keine PO-STG-Zuordnung vorhanden

Responsible: JMU Würzburg

JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record ZS|z30|-|-|H|2024



Abbreviations used

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

SPO+ASPO2015

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

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.



The subject is divided into

Abbreviation Module title		ECTS credits	Method of grading	page			
Compulsory Courses (40 E	Compulsory Courses (40 ECTS credits)						
I 06-B-EPBS-VO-232-m01	Introduction to special pedagogy in the context of visual impairment and blindness	5	NUM	9			
06-B-MEDI-V-212-m01	Visual impairment and blindness from a medical perspective	5	NUM	14			
o6-B-DIDI-VQ-232-mo1 General didactics in the context of visual impairment blindness		5	NUM	7			
o6-B-FADI-VQ-232-mo1	Subject-specific didactics in the context of visual impairment and blindness	5	NUM	10			
o6-B-OMOB-V-232-mo1	Orientation and mobility	5	NUM	15			
06-B-AFF-V-232-m01	Independent living skills	5	NUM	4			
o6-B-ASTE-VQ-232-mo1	Technology in the context of visual impairment and blindness	5	NUM	5			
06-B-FSEH-VQ-232-m01	Functional vision assessment	5	NUM	12			



Module title				Abbreviation	
Independent living skills					06-B-AFF-V-232-m01
Module	e coord	inator		Module offered by	
holder of the Chair of Special Education VI					
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)	
5	nume	rical grade			
Duration Module level			Other prerequisites		
1 semester undergraduate					
Conten	Contents				

Basic aspects of everyday practical abilities and skills as a pivotal guiding principle in the pedagogy of visual impairments and blindness; observation of the traditional pedagogical perspective on everyday practical abilities and skills from the perspective of disability studies; dealing with everyday discrimination, discrediting and intrusive actions; examination of traditional LPF approaches; approaches to creating disability-sensitive living spaces; (electronic) aids and assistive technologies in everyday practical contexts for private use in particular; comparative approaches and strategies in the areas of household managing and self supply; comparative ap-

proaches to the realisation of cultural participation particularly from the areas of leisure activities, gastronomy, and travel; people with visual impairments in media and film; self-portraval of people with visual impairment on social media; examination of the perspective of visual impairment as a didactical instrument;

Intended learning outcomes

Students are able to identify and explain possible special challenges in the context of everyday practical abilities; they are able to analyse challenges of everyday life with visual impairment from the perspective of disability studies; they are able to recognise and appreciate precise individual strategies and broaden their didactic repertoire on this basis; they are able to plan individualised and group-oriented lessons on everyday practical skills and abilities and justify their decisions; they are able to explain the choice of aids in the everyday practical context in a person-centred way, introduce their use and justify their decisions.

Courses (type, number of weekly contact hours, language — if other than German)

 $S(2) + \ddot{U}(1)$

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- 1) portfolio (approx. 15 pages) or
- 2) oral examination of one candidate each (approx. 20 minutes) creditable for bonus

Allocation of places

Additional information

Workload

150 h

Teaching cycle

Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 98a I Nr. 3

Module appears in

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (2023)

(2024)	JMU Würzburg ● generated 30-Mär-2024 ● exam. reg. data record Zusatzstudi-	page 4 / 15
	um Zusatzqualifizierung inklusive Pädagogik bei Sehbeeinträchtigungen für	
	Lehrkräfte an Förder-, allgemeinbildenden oder beruflichen Schulen - 2024	



Module title				Abbreviation	
Technology in the context of visual impairment and blindness				o6-B-ASTE-VQ-232-mo1	
Modul	Module coordinator Module offered by				
holder of the Chair of Special Education VI					
ECTS	Meth	od of grading	Only after succ. cor	npl. of module(s)	
5	nume	rical grade			
Duratio	Duration Module level Other prerequisites				
1 seme	semester undergraduate				
Conter	Contents				

Universal design; accessibility and assistive technologies in the pedagogy of visual impairments and blindness (VIB); basic functionalities of typical assistive technologies in the context of VIB; usage of easily accessible digital media to increase the accessibility of learning content for learners with VIB; approaches and strategies to establish the competences in the handling of digital media and assistive technology of the different pedagogical fields of action; troubleshooting in the context of digital media and technology; technology-supported didactic methods; possibilities and limitations in the usage of digital media and technologies; screen reader technology; basics of graphical user interfaces; disability-specific input and output of data; mobile devices in the context of visual impairments; basics of text processing and spreadsheet.

Intended learning outcomes

Students have a basic orientation knowledge concerning the limitations and possibilities of technology in the context of disability and are able to position themselves critically; they are able to create easily accessible digital media and analyse and evaluate the accessibility of digital documents; they are able to explain typical assistive technologies for visually impaired people regarding their functionality and demonstrate their use; they are able to give learners and their surroundings advice about the choice of appropriate technology and justify their recommendation; they are able to plan, execute, and evaluate individualised and group-oriented lesson units on the use of assistive technology; they know strategies for solving typical challenges regarding the establishment of functionality and compatibility of technologies and are able to analyse respective practical problems; they understand the basic functionality of a graphical user interface; they understand the functionality of the screen reader technology and are able to analyse aspects of the practical application in a visually oriented manner.

Courses (type, number of weekly contact hours, language — if other than German)

 $S(2) + \ddot{U}(1)$

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- 1) written examination (approx. 60 minutes) or
- 2) portfolio (approx. 15 pages) or
- 3) oral examination of one candidate each (approx. 20 minutes)

creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 98a | Nr. 3 § 107a | Nr. 2

Module appears in

(2024)	JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record Zusatzstudi-	page 5 / 15
	um Zusatzqualifizierung inklusive Pädagogik bei Sehbeeinträchtigungen für	
	Lehrkräfte an Förder-, allgemeinbildenden oder beruflichen Schulen - 2024	



First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (2023)

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (Minor, 2023)



Module title					Abbreviation	
General didactics in the context of visual impairment and blindness					06-B-DIDI-VQ-232-m01	
Modul	Module coordinator Module offered by					
holder of the Chair of Special Education VI						
ECTS	Meth	od of grading	Only after succ. cor	npl. of module(s)		
5	nume	rical grade				
Duration Module level Other prerequisites						
1 semester undergraduate						
Conter	Contents					

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Learning-theoretical and general didactic basics; design of educational processes in heterogeneous study groups; organisation of teaching; teamwork and pedagogical decision-making in the subject area; concepts on visual, auditory, and tactile improvement of the sensory efficiency; tactile education with an introduction and optimisation of tactile strategies and depletion of tactile constraints; didactic concepts on supporting the concept development; didactics of movement education under difficult conditions; concepts of supporting the performance of identification; tactile teaching media; preparation and improvement of visual media; strategies on sensory parallelisation; disabled social learning; basics of the acquisition of written language; concepts on the development of preparing skills for learning Braille; didactics of the written Braille language; Braille grade 2 (shortened version of Braille).

Intended learning outcomes

Students are able to analyse and evaluate individualised teaching-learning concepts of the subject focus vision in a theory-driven manner; they are able to evaluate and analyse strategies for explicit or implicit improvement of sensory efficiency, concept development, and movement education; they are able to analyse strategies for multisensory perception of complex issues; they are able to plan and critically evaluate tactile media used in lessons; they are able to tailor visual media for lessons to the individual needs of the learners and justify their decisions; they are able to evaluate approaches of the acquisition of learning Braille; they are able to understand the system of Braille grade 2; they are able to read Braille grade 2 with an abbreviation chart in a visually oriented way; they know ways to produce media related to Braille.

Courses (type, number of weekly contact hours, language — if other than German)

 $V(2) + \ddot{U}(1)$

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- 1) written examination (approx. 45 minutes) and practical examination (15 to 30 minutes) or
- 2) oral examination of one candidate each (approx. 20 minutes) and practical examination (15 to 30 minutes) creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 98a I Nr. 3

§ 107a | Nr. 2

Module appears in

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (2023)

(2024)	JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record Zusatzstudi-	page 7 / 15
	um Zusatzqualifizierung inklusive Pädagogik bei Sehbeeinträchtigungen für	
	Lehrkräfte an Förder-, allgemeinbildenden oder beruflichen Schulen - 2024	



First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (Minor, 2023)

Bachelor's degree (2 majors) Special Education (2023)



32-m01		

Contents

Historical and political basics of the pedagogy of visual impairments and blindness (VIB); basic concepts of the subject; sensory-psychological and epistemological basics of the subject; pedagogy of VIB in an international comparison; scholastic and extracurricular institutions and fields of action related to the subject; visual accompaniment; handling of Braille typewriters; Braille grade 1 (full version of Braille).

Intended learning outcomes

Students are able to analyse the pedagogical institutionalisation of pedagogy of VIB historically and politically; they have a conceptual knowledge in the subject area and know important terms in German and English; they are able to differentiate between important pedagogical categories on the basis of their fundamental differences; they know important pedagogical fields of action of the subject area; they are able to name and compare examples for possible education-related, professional and everyday practical challenges in the context of VIB; they are able to write with a Braille typewriter; they know the commercial models of Braille typewriters and are able to explain their functions and differences; they know other ways of producing and displaying Braille-like languages; they are able to read Braille grade 1 in a visually oriented way; they are able to write texts in Braille using a Braille typewriter.

Courses (type, number of weekly contact hours, language — if other than German)

 $V(2) + \ddot{U}(1)$

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

written examination (approx. 45 minutes) and practical examination (15 to 30 minutes) creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 98a | Nr. 2 § 107a | Nr. 1

Module appears in

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (2023)

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (Minor, 2023)

Bachelor's degree (1 major, 1 minor) Special Education (Minor, 2023)

Bachelor's degree (2 majors) Special Education (2023)

(2024)	JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record Zusatzstudi-	page 9 / 15
	um Zusatzqualifizierung inklusive Pädagogik bei Sehbeeinträchtigungen für	
	Lehrkräfte an Förder-, allgemeinbildenden oder beruflichen Schulen - 2024	



Modul	Module title				Abbreviation
Subject-specific didactics in the context of visual impairment and blindness				06-B-FADI-VQ-232-m01	
Module coordinator Module offered by					
holder of the Chair of Special Education VI					
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)	
5	nume	rical grade			
Duration Module level Other prerequisites			;		
1 seme	ester	undergraduate	duate		
Contents					

Contents

Basics of the acquisition of mathematical competences under difficult conditions; educational standards and basic mathematical education with a special focus on vision; approaches to the promotion of mathematical precursor skills with visual impairments; qualitative diagnostical methods for the assessment of arithmetic difficulties; didactic concepts for the development of mathematical competences in primary education under difficult conditions; approaches to support the acquisition of mathematical competences with primarily tactile orientation; specific concepts for mathematics in higher grades with a special focus on vision; didactic concepts to support the understanding of scientific and technical phenomena; special aspects of physical education with a special focus on vision; subject-specific didactics of foreign language teaching; special aspects of musical and artistic education with a special focus on vision; concepts to support the understanding of social interaction processes; Braille in the subject-specific context.

Intended learning outcomes

Students are able to qualitatively identify and document difficult learning conditions in the acquisition of mathematical competence; they are able to plan and justify individualised learning offers to support basic mathematical education; they know strategies to overcome typical subject-related aversions in mathematic class; they are able to plan and evaluate the use of tactile models, verbalisations, sound records, etc. and develop fitting work environments; they know basic subject-didactic approaches in scientific-technical teaching, physical education, foreign languages, musical-artistic teaching as well as social interaction processes.

Courses (type, number of weekly contact hours, language — if other than German)

 $S(2) + S(1) + \ddot{U}(1)$

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- 1) portfolio (approx. 15 pages) or
- 2) presentation (approx. 20 minutes) with term paper (approx. 8 pages) or
- 3) oral examination of one candidate each (approx. 20 minutes) creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 98a I Nr. 3

§ 107a | Nr. 2

Module appears in

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (2023)

(2024)	JMU Würzburg ● generated 30-Mär-2024 ● exam. reg. data record Zusatzstudi-	page 10 / 15
	um Zusatzqualifizierung inklusive Pädagogik bei Sehbeeinträchtigungen für	
	Lehrkräfte an Förder-, allgemeinbildenden oder beruflichen Schulen - 2024	



First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (Minor, 2023)



Module title				Abbreviation	
Functional vision assessment				_	o6-B-FSEH-VQ-232-mo1
Modul	e coord	inator		Module offered by	
holder of the Chair of Special Education VI					
ECTS	Meth	od of grading	Only after succ. cor	npl. of module(s)	
5	nume	rical grade			
Duration Module level			Other prerequisites	•	
1 semester undergraduate					
Conten	Contents				

Diagnostics of functional vision; magnification, illumination, contrast enhancement, complexity reduction and ergonomic placement for the improvement of individual visual performance; methods for the analysis of the visual character of learning situations and spaces; concepts for high accessibility creation of the spatial environment with special consideration of visual aspects; creation of high accessibility digital materials (for class); introduction to the use of optical, electronic and non-electronic aids; functional diagnostic of vision with consideration of multiple visual impairments; possible psychosocial developmental peculiarities with visual impairment; reading with a visual impairment as well as aspects of dual usage of writing; epidemiology of difficulties with visual perception in children; diagnostic principles with CVI; visual and cognitive profiles of children with CVI; psychosocial peculiarities in children with CVI; children with CVI and class/school;

Intended learning outcomes

Students are able to apply test methods oriented to everyday situations to determine visual acuity, field of vision, contrast and colour vision as well as behavioural observations and assessments and interpret them in a comprehensive way; they are able to create study rooms with special attention to lighting, colour and contrast design, orientation possibilities and visual complexity with high accessibility and consideration of impairments and justify their decisions in a theory-driven and practical manner; they are able to transfer their diagnostic insights into a certificate; they are able to give advice to learners with visual impairments considering the choice and usage of aids in a learning and everyday context and justify their results in a pedagogical manner; they understand possible consequences and behavioural ways that indicate CVI; they are able to derive, execute and justify basic pedagogical measures in the context of CVI; they know basic diagnostic procedures in the context of CVI.

Courses (type, number of weekly contact hours, language — if other than German)

S(2) + S(2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- 1) written examination (approx. 60 minutes) or
- 2) oral examination of one candidate each (approx. 20 minutes) creditable of bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 98a | Nr. 4 § 107a | Nr. 1

Module appears in

(2024)	JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record Zusatzstudi-	page 12 / 15
	um Zusatzqualifizierung inklusive Pädagogik bei Sehbeeinträchtigungen für	
	Lehrkräfte an Förder-, allgemeinbildenden oder beruflichen Schulen - 2024	



First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (2023)

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (Minor, 2023)

Bachelor's degree (2 majors) Special Education (2023)



Module title				Abbreviation		
Visual impairment and blindness from a medical perspective			ve	06-B-MEDI-V-212-m01		
Module coordinator Modu			Module offered by			
holder of the Chair of Special Education VI			ation VI			
ECTS	Meth	od of grading	Only after succ. cor	Only after succ. compl. of module(s)		
5	numerical grade					
Duration Module level		Other prerequisites	Other prerequisites			
1 semester		undergraduate				
Contents						

Physical basics of light and colour perception; basics of optics and refraction; basic concepts of ophthalmology; anatomical structure of the eye and related physiological processes; development of visual perception; causes of visual impairment, especially in childhood and adolescence; specific common causes of visual impairment; diagnostic procedures and diagnostic instruments; ophthalmological medical letters and reports; critical self-reflection of one's own diagnostic actions.

Intended learning outcomes

Students are able to explain basic connections on the subjects of light and colours; they can justify and explain the effect of light-breaking media; they have comprehensive orientation knowledge in ophthalmology relevant to their specialisation; they are able to recite and explain the anatomical structure of the eye and related physiological processes; they are able to trace the developmental process of visual perception with regard to developmental visual impairments; they are able to explain and evaluate the main causes of blindness and visual impairment in childhood and adolescence in terms of their causes, symptoms and pedagogical implications; they are able to read and evaluate ophthalmological doctor's letters; they are familiar with ways to research.

Courses (type, number of weekly contact hours, language — if other than German)

 $V(2) + \ddot{U}(1)$

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

1) written examination (approx. 60 minutes) or 2) portfolio (approx. 10 pages) or 3) oral examination of one candidate each (approx. 20 minutes)

creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 98a I Nr. 2

Module appears in

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (2021)

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (2023)

(2024)	JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record Zusatzstudi-	page 14 / 15
	um Zusatzqualifizierung inklusive Pädagogik bei Sehbeeinträchtigungen für	
	Lehrkräfte an Förder-, allgemeinbildenden oder beruflichen Schulen - 2024	



Module title				Abbreviation	
Orientation and mobility					06-B-OMOB-V-232-m01
Module coordinator Mo			Module offered by		
holder of the Chair of Special Education VI			on VI		
ECTS	Method of grading		Only after succ. compl. of module(s)		
5	numerical grade				
Duration Module level		Other prerequisites			
1 semester		undergraduate			
Contents					

Basic aspects of orientation and mobility in the case of visual impairment and blindness (VIB); spatial perception under difficult conditions; body protection techniques; slide technique; lesson planning with special consideration of relevant safety aspects; tactile maps; search techniques; strategies for orientation in known/unknown, closed and open spaces; concrete mobility techniques such as long cane techniques, strategies for crossing streets, etc.; (electronic) aids; didactic approaches to the planning, implementation and documentation of teaching units in orientation and mobility; aspects of structural and spatial accessibility.

Intended learning outcomes

Students understand the particular importance of self-determined orientation and mobility in realizing participation; they can identify and explain possible special challenges for people with VIB in specific spatial settings; they are able to analyse and evaluate specific orientation and mobility situations of people with VIB; they can plan individualised and group-oriented lessons in orientation and mobility with special consideration of relevant safety aspects and justify their decisions; they are able to simulate, analyse and evaluate planned lessons in intervention simulations.

 $\textbf{Courses} \ (\textbf{type}, \textbf{number of weekly contact hours, language} - \textbf{if other than German})$

 $S(2) + \ddot{U}(1)$

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- 1) portfolio (approx. 15 pages) or
- 2) oral examination of one candidate each (approx. 20 minutes)

creditable for bonus

Allocation of places

Additional information

Workload

150 h

Teaching cycle

Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 98a I Nr. 3

Module appears in

First state examination for the teaching degree Sonderpädagogik Special pedagogy in the context of visual impairment and blindness (2023)