

OFFICIAL TRANSLATION OF

**Fachspezifische Bestimmungen für den
Studiengang „Psychology (M.Sc.)“
(Amtliche Bekanntmachung Nr. 68 vom 10. September 2024)**

**THIS TRANSLATION IS FOR INFORMATION ONLY –
ONLY THE GERMAN VERSION SHALL BE LEGALLY
VALID AND ENFORCEABLE!**

Subject-Specific Provisions for the Master of Science in Psychology (MSc)

dated 10 July 2024

On 27 August 2024, the Executive University Board of the University of Hamburg ratified the Subject-Specific Provisions for the Master of Science in Psychology as a degree program leading to the qualification master of science (MSc) pursuant to Section 108 subsection 1 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) dated 18 July 2001 (HmbGVBl. p. 171) and amended on 11 June 2023 (HmbGVBl. p. 250, 254), as adopted by the Faculty of Psychology and Human Movement Science on 10 May 2024 in accordance with Section 91 subsection 2 number 1 HmbHG.

Preamble

These subject-specific provisions supplement the Examination Regulations of the Faculty of Psychology and Human Movement Science dated 8 April 2020 and 14 July 2012, as amended, which govern the master of science (MSc) degree programs and provide a description of the modules in the Master of Science in Psychology.

I. Supplementary provisions to master of science examination regulations

Section 1

Program and examination objectives, academic degree, and Implementation of the degree program

Section 1 subsection 1: Program objectives

- (1) The Master of Science in Psychology is a postgraduate program. It builds on the knowledge, skills, and abilities already acquired within the framework of a qualified bachelor's degree program in psychology at a university. This includes knowledge of, skills in, and abilities in psychological assessments and methods (Research Methods, Psychological Assessment and Statistics), the foundation subjects (General Psychology I and II, Biological Psychology, Developmental Psychology, Differential Psychology, Social Psychology), and applied subjects (Pedagogical Psychology, Occupational and Organizational Psychology, Clinical Psychology). This also includes practical treatment skills and abilities in presenting and reflecting on typical professional challenges, roles, and ethical issues for practicing psychologists that typically arise as part of supervised professional internships.
- (2) In addition to the development of in-depth skills in the areas of psychological methods and diagnosis, the range of courses on offer aim to provide diversity and breadth for the development of flexible, founded, and cross-disciplinary skills in foundational and applied areas of psychology (with the exception of clinical psychology).
- (3) Graduates have the knowledge, skills, and experience needed to pursue scientific and research activities and to engage in science-based professional practice in diverse nonuniversity contexts in the field (with the exception of clinical psychology).
- (4) The master's examination provides a further professional qualification. The master's degree also provides a sound basis for further training. In particular, students are able to commence a doctoral degree program.

Section 1 subsection 4: Implementation of the degree program

The degree program is conducted by the Institute of Psychology and the Faculty of Psychology and Human Movement Science.

Section 4

Program and examination organization, modules, and ECTS credits

Section 4 subsection 2:

- (1) Detailed information on the modules is provided in Part II: Module descriptions in these Subject-Specific Provisions.
- (2) The Master's degree program in psychology is divided into a total of 120 ECTS credit points in the following modules:

Module	Module type	Course type	ECTS credits
A. Advanced Research Methods and Statistics	Required module	lecture seminars	12
B. Psychological Assessment and Report Writing	Required module	lecture seminars	12
C. Foundation elective subject	Required elective module	1 advanced seminar 3 seminars	12
D. Applied elective subject	Required elective module	advanced seminar seminars	12
E. Project work	Required module	1 seminar	11
F. Psychology elective area	Required elective module	various	16
G. Internship	Required module	internship	15
H. Final module	Required module	2 colloquiums 1 master's thesis	30
Total ECTS credits			120

- (3) At least one foundation elective subject and one applied elective subject must be selected as a module from each of the modules assigned to these areas under Part II: Module descriptions.
- (4) Classes on a range of psychology topics are offered in the psychology elective area. In addition, students can attend modules or individual classes offered in modules C and D, which are open to this elective area, and which students have not attended as part of their foundational or applied elective subject.
- (5) The following overview provides an allocation of modules to semesters that allows the course to be completed within the regular period of study. This structure is not a binding curriculum.

Potential study structure (third semester abroad possible)

First subject semester (Winter Semester)	Second subject semester (Summer Semester)	Third subject semester (Winter Semester)	Fourth subject semester (Summer Semester)
<p>A. Advanced Research Methods and Statistics (required module, 12 ECTS credits) lecture (2 credit hours per week / 4 ECTS credits) seminar (2 credit hours per week / 4 ECTS credits) seminar (2 credit hours per week / 4 ECTS credits)</p>			<p>H. Final module (required module, 30 ECTS credits) research colloquium (2 credit hours per week / 1 ECTS credits) Master's thesis portion (3 ECTS credits)</p> <p>final colloquium (2 credit hours per week / 2 ECTS credits) Master's thesis portion (24 ECTS credits)</p>
<p>B. Psychological assessment (Required module, 12 ECTS credits) lecture (2 credit hours per week / 4 ECTS credits) seminar (1 credit hour per week / 2 ECTS credits) seminar (3 credit hours per week / 6 ECTS credits)</p>			
<p>C. Foundation elective subject (required elective subject, 12 ECTS credits) Select one of two options 1. Origins of and Differences in Human Cognition and Personality 2. Cognitive Neuroscience main seminar (2 credit hours per week / 4 ECTS credits) seminar (2 credit hours per week / 4 ECTS credits) seminar (1 credit hour per week / 2 ECTS credits)</p>			
<p>D. Applied elective subject (Required elective subject, 12 ECTS credits) select one of two options 1. Organizational Psychology: Social Dynamics of Organizational Behavior 2. Educational Psychology: Socio-Emotional Development and Learning main seminar (2 credit hours per week / 4 ECTS credits) seminar (2 credit hours per week / 4 ECTS credits) seminar (2 credit hours per week / 4 ECTS credits)</p>			
	<p>E. Project work (Required module, 11 ECTS credits) project work (5 credit hours p/w / 11 ECTS credits)</p>		

F. Psychology elective area [required elective subject, 16 ECTS credits]			
e.g. main seminar (2 credit hours per week / 4 ECTS credits)			
main seminar (2 credit hours per week / 4 ECTS credits)			
seminar (2 credit hours per week / 4 ECTS credits)			
seminar (2 credit hours per week / 4 ECTS credits)			
G. Internship [required module, 15 ECTS credits] for example, 450 hours of internship			
First master's semester information week prior to semester start			
30 ECTS	33 ECTS credit	27 ECTS credit	30 ECTS credit
15 credit hours per week	16 credit hours per week	6 credit hours per week	4 credit hours per week

Abbreviations:

PQA = Professionally qualifying activity

FS = Subject-related semester

CP = ECTS credit points

Credit hours per week = semester hours per week

SoSe = Summer semester

WiSe = Winter semester

MFSIW = Master's first semester information week

The following table shows the previous presentation, with the allocation of modules to semesters of study, and does not represent a binding study plan.

First or second subject semester:

A. Advanced Research Methods and Statistics (required module, 12 ECTS credits)

- a) lecture (2 credit hours per week / 4 ECTS credits)
- b) seminar (2 credit hours per week / 4 ECTS credits)
- c) seminar (2 credit hours per week / 4 ECTS credits)

B. Psychological diagnostics (compulsory module, 12 ECTS credits)

- a) lecture (2 credit hours per week / 4 ECTS credits)
- b) seminar (1 credit hours per week / 2 ECTS credits)
- c) seminar (3 credit hours per week / 6 ECTS credits)

C. Foundation elective subject (required elective subject; 12 ECTS credits) Select one of two options

1. Origins of and Differences in Human Cognition and Personality

2. Cognitive Neuroscience

- a) advanced seminar (2 credit hours per week / 4 ECTS credits)
- b) seminar (1 credit hours per week / 2 ECTS credits)
- c) seminar (1 credit hours per week / 2 ECTS credits)
- d) seminar (2 credit hours per week / 4 ECTS credits)

D. Applied elective subject (required elective subject; 12 ECTS credits) Select one of two options

1. Organizational Psychology: Social Dynamics of Organizational Behavior
2. Educational Psychology: Socio-Emotional Development and Learning
 - a) advanced seminar (2 credit hours per week / 4 ECTS credits)
 - b) seminar (2 credit hours per week/ 4 ECTS credits)
 - c) seminar (2 credit hours per week / 4 ECTS credits)

Second subject semester:

E. Project work (compulsory module, 11 ECTS credits)

- a) project work (5 credit hours per week / 11 ECTS credits)

Third or fourth subject semester:

H. Final module (required module, 30 ECTS credits)

- a) research colloquium (2 credit hours per week / 1 ECTS credits)
- b) final colloquium (2 credit hours per week/ 2 ECTS credits)
- c) master's thesis (27 ECTS credits)

First to fourth subject semester:

F. Psychology elective area [required elective subject; 16 ECTS credits]

- a) advanced seminar (4 ECTS credits)
- b) advanced seminar (4 ECTS credits)
- c) seminar (4 ECTS credits)
- d) seminar (4 ECTS credits)

G. Internship (required module, 15 ECTS credits)

e.g. 450 hours internship

Total ECTS credit points and credit hours per week

first subject semester = 30 ECTS credits / 15 credit hours per week

second subject semester = 33 ECTS credits / 16 credit hours per week

third subject semester = 27 ECTS credits / 6 credit hours per week

fourth subject semester = 30 ECTS credits / 4 credit hours per week

**Section 5
Course types**

Section 5 subsection 1: Additional course types

All course types included in Section 5 of the Examination Regulations for the Master of Science in Psychology may be used.

Additional course types include the following:

- a) lectures with tutorials
- b) seminars with tutorials

- c) project seminars for supervising and guiding independent and/or collaborative work in practical, development or research projects; Advanced seminars in these subject-specific provisions (see Part II. Module descriptions) refer to introductory classes in a specific subject area that usually feature a mix of teaching forms typical for seminars and lectures intended for special lectures.
- e) colloquiums (research seminars) to support and build on subject-specific work

Section 5 subsection 2: Course language and registration

As a rule, courses are taught in English. Any other course language will be announced at the start of the course. Course registration generally occurs using STiNE, the campus management system. The academic office will announce registration times and procedures in an appropriate manner.

Section 5 subsection 3: Attendance requirement:

For the courses, attendance is required for seminars, seminars with tutorials, project seminars, advanced seminars, and colloquiums, as regular interactions between students and teaching staff, shared reflection processes, and the practical trialing of research, presentation, and discussion methods are indispensable for achieving targeted skills. Compulsory attendance does not apply to admission to repeat examinations.

Section 6

Limiting attendance for specific courses

Generally, all classes offered in psychology have restricted admission. An admission procedure is usually conducted every semester. Care is always taken to ensure that all required modules are provided at the appropriate time to ensure students can complete their studies within the regular period of study.

Section 8

Credit for periods of study, completed coursework, and examinations

Section 8 subsection 5:

An application for the recognition of completed coursework and examinations must be submitted immediately after entrance has been granted to the degree program, eight weeks before the regular examination period (usually 1 December and 1 May) at the latest, and will be determined within four weeks of submission to ensure students can take part in the examination should recognition not be granted.

Section 10

Coursework and examinations and repeating coursework and examinations

Section 10 subsection 3:

- (1) The module descriptions may set forth the following types of examination for module examinations:
- a) Written examinations: A written examination is supervised and specifies tasks that must be completed independently in writing using only approved resources. The duration of written examinations must be at least 45 minutes and no more than 180 minutes. The specific duration will be announced at the beginning of the course. Written examinations may also take the form of multiple-choice and/or computer-supported examinations.
 - b) Oral examinations: An oral examination is an examination in which students should demonstrate verbally that they have mastered the subject matter being tested. Oral examinations may be conducted individually or in groups. The duration of the examination for each examinee must be at least 15 minutes and no more than 45 minutes. The specific duration will be announced at the beginning of the course. For oral examinations, there may be the option for students to suggest the material on which they should be examined. Oral examinations are given by an examiner in the presence of an assistant examiner who must, at a minimum, have a master's degree within the meaning of Section 1 or such equivalent. The essential subject matter and results of the oral examination must be documented. The record must be signed by the examiner and assistant examiner and placed in the student's examination file. Students wanting to take the same examination at a later date must be allowed to attend oral examinations as an audience. This right, however, does not extend to decisions about grades or to the disclosure of grades. The examinee may request that the public be excluded.
 - c) Term papers: A term paper is a written essay about an assigned topic discussed within the scope of the respective module. Term papers should be between 1,200 and 10,000 words long. Working time should be between two weeks and two months. The specific scope, working time, and due date will be announced at the beginning of the course. Term papers must be submitted in writing and, at the request of an examiner, also on an electronic storage device to the examinations office.
 - d) Presentations: A presentation is an oral lecture on an assigned topic. A written report of the oral presentation may also be required. The term paper should be between 1,200 and 10,000 words long, with a working time between two weeks and two months. The specific duration will be announced at the beginning of the course. An oral presentation is usually between 15 and 75 minutes long. The specific duration will be announced at the beginning of the course.

- e) Research reports: A research report is the documentation of the successful completion of one of the empirical or experimental tasks assigned by the instructor. The research report should be between 1,200 and 10,000 words long. Working time should be between two weeks and two months. The specific scope, working time, and due date will be announced at the beginning of the course.
- f) Portfolio: A portfolio is a compilation of components completed during the course of study or the study phase that are evaluated and summarized in light of overarching questions and issues. The portfolio thus contributes to comprehensive reflection on the student's own learning process. Required tasks assigned by instructors, the completion of the overall task, and any tasks selected by the students themselves should go into the portfolio. Tasks may include interpretative reflection of literature or scholarly positions, documentation of the student's own collection material and experiences (including audiovisual), bibliographies or similar summarizing assignments (e.g., the interpretation of comprehensive problems drawing on the positions worked on in the component tasks), independent interpretations of relevant events, or written reports from small research proposals (issues) on the basis of studied literature. The portfolio should be between 1,200 and 10,000 words long. Working time should be between two weeks and two months. The specific scope, working time, and due date will be announced at the beginning of the course.
- g) internship report (vocational internship): The internship report should reflect the experiences garnered during the internship. The report should be between 2–3 pages long (approx. 1,000 words) and include the following aspects:
- 1) summarizing information (time frame, position, scope)
 - 2) expectations, goals, and motivation
 - 3) description of the internship position (tasks, goals, clients, organizational structure)
 - 4) areas of focus, function, activities, and projects worked on
 - 5) implementation of study contents into specific practice
 - 6) type of supervision and guidance
 - 7) task requirements (knowledge, skills, qualifications) revealed through one or more exemplary cases or project descriptions
 - 8) comparisons with a qualification profile
 - 9) relationship to studies and personal perspectives on the profession as well as advice on internships in that institution for future interns
- h) Multiple-choice tests: A multiple-choice test is a supervised written examination, made up solely of questions whereby one correct answer is marked as selected from at least three potential responses. The duration of a multiple-choice test is between 45 and 180 minutes. The specific duration will be announced at the beginning of the

course. The tasks must always be completed alone, independently, and using only the approved resources. The following applies to multiple-choice tests:

1) Examinations using the multiple-choice model are permissible only when they are suited to proving the examinee has mastered the essential content and methods of the module and can apply the knowledge and skills acquired and when applied to a sufficiently large number of examinees to allow comparison between the individual examination performance and the average examination performance of all examinees (reference group).

2) Examinations using the multiple-choice model must be prepared by two examiners who are obliged to work together on the material to be examined, the formulation of the questions, and the formulation of the correct and incorrect responses. In addition, the evaluation procedure and the weighting for each task must be determined.

3) The question-and-answer guidelines must be clearly understandable, have unambiguous answers, and be suited to determining the level of knowledge and skills of examinees. In particular, no other answer apart from that determined as correct may be acceptable. The requirements for passing the examination must be established in advance and in consideration of the following points:

The evaluation of multiple-choice tests comprises two parts: a raw score and a weighting factor that reflects the difficulty of the examination task. The maximum raw score for an examination represents the number of the provided potential answers. The total raw points are awarded if only the correct answer provided is clearly marked. No raw points are awarded if another answer, multiple answers, or no answer is given. Negative weighting factors, reduced raw points, or partial raw points are not permitted. The number of points scored on an examination task results from the raw score awarded multiplied by the weighting factor identified for each task. The grades earned for all examination tasks are added to an achieved total score. If examination tasks are subsequently found to be erroneous, these must not be included when determining the examination result. The reduced total points must then be used when determining if the examinee obtained enough points to pass. Subsequent non-consideration of examination tasks may not disadvantage an examinee.

6) The multiple-choice test is passed if at least 50 percent of the possible total points have been achieved or if the total points achieved do not fall below the average score achieved by the reference group by more than 17 percent. The passing grade is the minimum score required to pass. The subject-specific provisions may stipulate other percentages for calculating the passing grade based on the proportion of the minimum total points to be achieved out of

the total points achievable, as well as for falling below the average total points achieved by the reference group. A valuation table that only provides an absolute passing grade is not admissible.

7) If an examinee does not achieve a passing grade, the examination is graded as “insufficient” (5.0) or “fail.” If the examination participants achieve a passing grade, the examination is graded as “passed.” If grades are used to evaluate the examination performance, then the percentage of points above the pass mark is calculated for each examinee as a proportion of the number of points between the pass mark and the total achievable score.

The grades to be awarded are as follows:

1.0, where the proportion is above 90%

1.3 where the proportion is above 80% but not more than 90%

1.7 where the proportion is above 70% but not more than 80%

2.0 where the proportion is above 60% but not more than 70%

2.3 where the proportion is above 50% but not more than 60%

2.7 where the proportion is above 40% but not more than 50%

3.0 where the proportion is above 30% but not more than 40%

3.3 where the proportion is above 20% but not more than 30%

3.7 where the proportion is above 10% but not more than 20%

4.0, where the proportion is above 0% but not more than 10%

i) Take-home examination: A take-home examination comprises a written response to a specific question completed by the student at home within a set working time, using permitted resources. The take-home examination may also be conducted as a multiple-choice test. Working time can range from 60 to 240 minutes. The examiner will announce the specific duration of working time for the take-home examination at the beginning of the course. The examiner may also establish guidelines for the scope of work. If the module description in the subject-specific provisions for a module or course examination stipulates a written examination, examiners may provide a take-home examination as an alternative. In such cases, the exact type of examination is announced before the course begins. Tasks for a take-home examination will be given in person or in electronic form. Students will be informed of the distribution of the assignment and the submission deadline in advance.

The period between the distribution of the assignment and the submission deadline should be longer than the specified completion time. As per the examination regulations, students must confirm that they have completed the assignment on their own and without using any tools or resources beyond those listed. Within the scope of evaluating take-home examinations, an external institution may be employed to check for plagiarism using a computer-assisted plagiarism detection system. Any

copies of the work furnished for this purpose may not be disclosed to any third party and must be deleted once the plagiarism check has been completed.

j) Electronic examination: In an electronic examination, the questions to be answered are displayed in digital and interactive settings. This might be, for example, simulations, simulation games, processing in and with modeling software, practical applications in and using software, and development environments (e.g., programming). Examination settings can also include question and/or answer formats in which multimedia content is integrated or annotated with sequence accuracy as well as group-based types of examinations in which the work and division of labor are made possible and mapped by IT environments.

(2) In appropriate cases, examinations may be conducted using a digital network (online examinations). If the module description provides for alternative types of examinations for a module, then the method of examination will be announced at the beginning of the course. The same applies to the alternatives or optional portions of the individual examination types set forth in subsection 1.

(3) Authentication is generally carried out before the examination commences or during the examination by means of official photo identification (e.g., identity card, passport), which must be shown on request. Pursuant to subsection 2, where more than one person is taking part in the examination, the authentication is carried out in accordance with privacy laws (e.g., individually in a separate breakout room).

(4) To prevent cheating during an examination conducted online pursuant to subsection 2, students are obliged to set up and activate the camera and microphone of their chosen communication equipment (supervision via video). Supervision via video must be set up to only impose upon the privacy of the individuals involved to the extent required for legitimate surveillance purposes. Supervision via video is carried out by supervisors appointed by the University. Recording and automated evaluation of image or sound data from the supervision via video is not permitted. Sections 1–4 also apply to the transmission of image, video, and sound data for oral and practical examinations conducted online pursuant to subsection 2.

(5) If transmission of the examination task, execution of the examination task, transmission of examination responses, or supervision via video during the online examination conducted pursuant to subsection 2 are not possible for technical reasons, the examination will end at that stage, and examination performance

will not be assessed. The examination attempt is considered as not having taken place. This does not apply if the student is responsible for the disruption. In the case of an oral or practical examination pursuant to subsection 2, if the video or sound transmission is temporarily disrupted, the examination will continue once the disruption has been rectified. If the technical disruption continues to prevent the proper conduct of the examination, the examination may be repeated at a later time. Sentences 2 and 3 apply accordingly. If the technical disruption occurs after a substantial part of the oral or practical examination has taken place, the examiner and examinee(s) may jointly agree to continue and complete the examination via another suitable format, particularly by telephone or by use of a video conference system. This does not apply to practical examinations for which visual transmission is essential for the assessment of the examination.

- (6) Participation in an online examination with video supervision is voluntary; this does not apply for online examinations conducted on the premises of the relevant university, and using university technical equipment.
- (7) Coursework and examinations can be completed in German or English. Module examinations are generally conducted in the language of instruction. Completed coursework and course examinations are generally conducted in the language of the course to which the coursework or course examination is assigned. Any deviations will be announced at the beginning of the module or course. On application, if the examiner and student agree, the examination may be conducted in a language other than that of instruction. The applications are approved or rejected by the chairperson of the examinations board.

Section 10 subsection 7 sentence 5:

Active participation in courses includes participation in and the successful completion of coursework.

Section 10 subsection 7 sentence 6:

Coursework is an opportunity to monitor the teaching and learning processes and not the individual cross-comparative evaluation of performance.

Independent study includes completed coursework. To the extent module descriptions require active participation in at least one of the courses for admission to the module examinations, active participation includes the successful completion of the relevant coursework. The amount of coursework to be completed may not exceed the total workload allocated for independent study under Section 4 subsection 3. The type and scope of the coursework will be announced at the start of the respective course.

Section 13 **Master's thesis**

Section 13 subsection 1:

- (1) The master's thesis includes a presentation of 30–45 minutes in which the student presents the question, processes, methods, and—where applicable—the findings of their master's thesis. During the presentation, questions regarding the problem, process, and/or application or possible consequences for academia and/or professional practice should be specified and raised for discussion.
- (2) The presentation should be held as part of a final colloquium.

Section 13 subsection 2:

Application for admission to the master's thesis may only be submitted from the third semester of the master's degree program, and when participation in modules A (Advanced Research Methods and Statistics) and B (Psychological Assessment) has taken place and a minimum of 12 ECTS credits have been acquired in modules C (foundation elective subject) and D (applied elective subject).

Section 13 subsection 6 sentence 2:

The master's thesis may be written in either German or English,
The language must be agreed between the examiner and the student.

Section 13 subsection 7:

- (1) The master's thesis and the research and final colloquium constitute a module with a workload of 30 ECTS credits.
- (2) Working time is six months from the date of assignment.

Section 14 **Evaluation of examinations**

Section 14 subsection 3:

Grades for module examinations made up of multiple course examinations are calculated by averaging the grades from each course examination weighted according to the ECTS credits assigned, unless otherwise determined in the module description (Part II. Module descriptions). Course components listed as ungraded in the module descriptions are not considered in the calculation of the module grade.

Section 14 subsection 4:

The overall final grade for the master's degree program is calculated by weighted average of the module grades. To the extent the detailed module descriptions (II. Module descriptions) provide that module examinations for individual required or required elective modules are ungraded, these are not considered in the calculation of the overall grade. Currently, the module examinations for modules F (psychology

elective area) and G (internship) are not graded. If students have successfully completed the second elective in module D (applied elective subject area), they may apply before the certificate is issued to have one of these two electives recognized as the grade obtained for module F, i.e., to count one required elective from module D counts as a psychology elective under F instead of the required elective in D. The application requires that both module D (applied elective subject area), and module F (psychology elective area) have been successfully completed.

II. Module descriptions

A. Advanced Research Methods and Statistics

Module: PsyM23-MethStat Module type: Required module Title: Advanced Research Methods and Statistics	
Module content	<p>Building on the basic knowledge already acquired, the courses in this module teach advanced theory-based data collection and analysis methods as well as rules of scientific thinking and their application, which are essential for psychology as an empirical science. This requires an in-depth understanding of the methods, including their underlying assumptions and their possible applications in the context of computer-aided analyses and evaluations. Topics covered include measurement theory, current and often complex data collection methods, and advanced multivariate analysis methods. Newly developed approaches and techniques are also covered to enable students to take up new developments in data collection and statistical methodology and integrate them into their own work. Another focus is the thorough evaluation of methods and their correct application using available software, as well as the integration of these methods into the students' own research and work. Various methods of data collection and analysis are explained using research examples from different areas, and their application and critical evaluation are practiced.</p>
Learning outcomes	<p>Students are able to correctly apply complex survey and multivariate analysis methods to evaluate the effects of different independent variables, (quasi-)experimental manipulations, or interventions, and ensure the quality of psychological interventions while being aware of the underlying assumptions. They are able to evaluate the research approach and significance of scientific findings and new developments in psychological research in terms of method and content. They can use this information to make well-founded decisions for psychological research and application, in diagnostics, for interventions, and counseling. They can use relevant research studies and their results to benefit their own psychological work and research and evaluate them in a well-founded manner. In addition, they are able to independently plan, conduct, evaluate and summarize studies to test, further or newly develop psychological theories and approaches.</p>
Type of instruction	<ol style="list-style-type: none"> 1. lecture, 2 credit hours per week 2. seminar, 2 credit hours per week 3. seminar, 2 credit hours per week 4. The lecture should be completed before or at the latest at that same time as the seminars.
Language of instruction	German or English
Prerequisites	none
Module applicability	Master of Science in Psychology required module (Advanced Research Methods and Statistics)
Type, prerequisites, and language of module (components) Module examination(s)	<p>Conditions:</p> <p>for 1.: regular, active participation in class</p> <p>for 2.: regular, active participation and the completion of coursework</p> <p>for 3.: regular, active participation and the completion of coursework</p>

	<p>The type and scope of coursework will be announced at the start of the respective course.</p> <p>Examination type: for 1.: written examination or oral examination for 2.: portfolio or oral examination or term papers for 3.: portfolio or oral examination or term papers</p> <p>The specific type of examination will be announced at the start of the respective course. The module grade is determined by the course examination under 1. The course examinations for 2. and 3. are graded with a pass or fail.</p> <p>Examination language: German or English</p>
Workload (components)	<p>for 1. lecture (attendance and self-study) (2 ECTS credits) for 2. seminar (attendance and self-study) (3 ECTS credits) for 3. seminar (attendance and self-study) (3 ECTS credits)</p> <p>module examination for 1. (2 ECTS credits) academic achievement for 2. (1 ECTS credits) academic achievement for 3. (1 ECTS credits)</p>
Total module workload	12 ECTS credits
Module frequency	Annually
Module duration	two semesters
Semester of study	Recommended semesters: first and second semesters

B. Psychological Assessment and Report Writing

Module: PsyM23-Dia Module type: Required module Title: Psychological Assessment and Report Writing	
Module content	This module deals with diagnostic models and methods based on current research and available technologies. This includes, for example, current test theory models and methods for setting objectives, structuring, writing, and presenting psychological reports. In addition, the application of diagnostics in various areas of professional practice is addressed, e.g. the assessment of issues relating to incapacity for work, occupational disability, and earning incapacity, as well as the degree of disability or injury and the assessment of issues relating to family or criminal law.
Learning outcomes	Students expand and refresh their knowledge of psychological assessment acquired during their bachelor's degree. They develop and evaluate psychodiagnostic procedures according to current test theory models and prepare expert reports according to general standards of scientific assessment. They use scientific criteria to decide which diagnostic procedures are appropriate to the situation, taking into account the age, personality traits, social environment, and emotional and intellectual development of the person being assessed, and to carry out these procedures in individual cases, evaluate the results, and interpret the findings. They systematically record and assess progress and change processes. They process and evaluate expert scientific questions and recognize the limits of their own diagnostic skills and judgment and, if necessary, initiate measures for self-remediation. Students expand and refine their academic skills and hone their judgment with regard to the scope and applicability of the content and skills taught. They consolidate their basic ability to implement the knowledge and technologies from this sub-area in practical research and applied contexts.
Type of instruction	1. lecture, 2 credit hours per week 2. seminar, 1 credit hour per week 3. seminar, 3 credit hours per week
Language of instruction	German or English
Prerequisites	none
Module applicability	Master of Science in Psychology required module Psychological Assessment
Type, prerequisites, and language of module (components) Module examination(s)	<p>Requirements: Admission to the examination for seminar (3.) requires students have taken regular, active part in the courses and completed the coursework assigned in both seminars (2.) and (3.). The type and scope of coursework will be announced at the start of the respective course.</p> <p>Course type: Module examination takes place in the form of two component examinations as part of the courses assigned to the module. for 1.: written examination or oral examination. The exact type of examination will be announced at the beginning of the course. for 3.: Portfolio:</p> <p>The grade for the module is comprised of the following components: 3/5 course examination for 1 and 2/5 for the course examinations for 3.</p>

	Examination language: German/English. The specific language is announced before the course begins.
Workload (components)	for lecture (1.) (attendance and independent study): 2 ECTS credits for seminar (2.) (attendance and independent study): 2 ECTS credits for seminar (3.) (attendance and independent study): 6 ECTS credits module examination for (1.): (2 ECTS credits)
Total module workload	12 ECTS credits
Module frequency	Annually
Module duration	two semesters
Semester of study	Recommended semesters: first and second semesters

C. Foundation elective subject

One of the following modules assigned to this area must be selected as a foundation elective subject:

Module: PsyM23-CN Module type: Required elective module Title: Cognitive Neuroscience (CN)	
Module content	Cognitive neuroscience examines the neural mechanisms upon which cognitive and emotional capabilities are based. This module covers the theoretical basics as well as example-based theories, methods, paradigms, and working methods in cognitive neuroscience, in line with the latest state of research and available technologies.
Learning outcomes	Students refine and refresh their knowledge of cognitive and biological fundamentals acquired during their bachelor's degree. They recognize the importance of this knowledge in science, research, and application, and are able to transfer it to other sub-areas of psychology and other areas of application. In this module, students expand their ability to work scientifically, and build on their basic ability to implement the knowledge and technologies from this sub-area in research contexts.
Type of instruction	<ol style="list-style-type: none"> 1. advanced seminar: Introduction and overview, 2 credit hours per week 2. seminar 1.a.: Cognitive neuroscience methods, 1 credit hour per week 3. seminar 1.b.: Examples: Applying methods to cognitive neuroscience research questions 1 credit hour per week 4. seminar 2: expansion of selected cognitive neuroscience subjects= 2 ECTS credits <p>Parallel or previous attendance at the advanced seminar is required for participation in the seminars.</p>
Language of instruction	German or English
Prerequisites	Foundation elective subject: none Psychology elective area: This module is/was not chosen as an elective subject within the foundation elective subject.
Module applicability	Master of Science in Psychology Required elective module, foundation elective subject, or psychology elective area (except 3rd seminar 1.b.) see module HCP description
Type, requirements, and language of module / course examination(-s)	<p>Requirements: To be admitted to the module examination, students must have taken regular, active part in the courses and completed the coursework assigned in the courses. The type and scope of coursework will be announced at the start of the respective course.</p> <p>Course type: Several course examinations as part of the module courses. for 1.: written examination, oral examination, or term paper for 4.: portfolio or term paper</p> <p>The specific type of examination will be announced at the start of the respective course.</p>

	Examination language: German or English
Workload (components)	for 1.: advanced seminar (attendance, independent study, examination): (4 ECTS credits) for 2. seminar 1.a. (attendance, self-study): (2 ECTS credits) for 3. seminar 1.b. (attendance, self-study): (2 ECTS credits) for 4. seminar 2 (attendance, independent study): (4 ECTS credits) The overall final grade consists of grades for lecture (^{2/3}) and seminar 3 (^{1/3}).
Total module workload	12 ECTS credits
Module frequency	Annually
Module duration	two semesters
Semester of study	Recommended semesters: - foundation elective subject: first and second semesters - psychology elective area: third–fourth semesters

Module: PsyM23-HCP Module type: Required elective module Title: Origins of and Differences in Human Cognition and Personality	
Module content	Humans differ from each other; ontogenetically; socio-culturally; and evolutionarily from the closest living species, the great apes. Understanding these differences provides insight into the nature of human psychology, and requires multidisciplinary perspectives on human cognition, culture, temperament and personality. This module provides perspectives on social and biological processes and their interaction from the perspective of developmental, social, cognitive, and personality psychology research. Emphasis is placed on social processes and change, underlying cognitive processes, and how differences between individuals are determined by biological, social, and developmental factors.
Learning outcomes	Students will refresh and expand their knowledge of developmental, social, cognitive, and personality psychology research from their bachelor's degree. They will be able to combine different strands of research and scientific findings from basic research and adopt an informed perspective on applied fields. They expand their theoretical understanding of scientific investigations, methods, and inferences. Students learn practical methods for analyzing social interaction and large data sets on inter-individual differences.
Type of instruction	<ol style="list-style-type: none"> 1. advanced seminar: Students select 2 of 3 areas (1 credit hour per week each): (i) social and cognitive development; (ii) interindividual differences and personality; (iii) social psychology, total 2 credit hours per week 2. seminar 1.a.: topics of the main seminar are further explored in the corresponding two areas and actively prepared with students, 1 credit hour per week 3. seminar 1.b.: Methods of research in social, developmental and personality psychology, 1 credit hour per week 4. seminar 2: students select 1 of 3 seminars for in-depth study of specific content areas: (i) social and cognitive development; (ii) interindividual differences and personality; (iii) social psychology, total 2 credit hours per week <p>Parallel or previous attendance of the advanced seminar in the relevant area is required to participate in seminar 1.a.</p>
Language of instruction	English
Prerequisites	Foundation elective subject: none Psychology elective area: This module is/was not chosen as an elective subject within the foundation elective subject.
Module applicability	Master of Science in Psychology compulsory elective module basic elective subject or psychology elective subject (except seminar 1.b.)
Type, requirements, and language of module / course examination(-s)	<p>Requirements: To be admitted to the module examination, students must have taken regular, active part in the courses and completed the coursework assigned in the courses. The type and scope of coursework will be announced at the start of the respective course.</p> <p>Course type: Several course examinations as part of the module courses. for 1.: written examination, oral examination, or term papers for 4.: written examination, oral examination, or term papers</p>

	<p>The specific type of examination will be announced at the start of the respective course.</p> <p>Examination language: German or English</p>
Workload (components)	<p>for 1.: advanced seminar (attendance, independent study, examination): (4 ECTS credits) for 2.: seminar 1.a. (attendance, self-study): (2 ECTS credits) for 3.: seminar 1.b. (attendance, self-study): (2 ECTS credits) for 4.: seminar 2 (attendance, independent study): (4 ECTS credits)</p> <p>The overall final grade consists of grades for lecture (^{2/3}) and seminar 3 (^{1/3}).</p>
Total module workload	12 ECTS credits
Module frequency	Annually
Module duration	Two semesters
Semester of study	<p>Recommended semesters:</p> <ul style="list-style-type: none"> - foundation elective subject: first - second semester psychology elective area: third–fourth semester

D. Applied elective subject:

one of the following modules from this area must be selected as an applied elective subject

Module: PsyM23-AuO Module type: Required elective module Title: Social Dynamics of Organizational Behavior	
Module content	<p>We spend a large part of our lives at work. Therefore, organizational behavior, i.e., the study of human behavior in the organizational environment, the interface between human behavior and the organization, and the organization itself, is the key to understanding psychology. Starting from the perspective of the organization as a complex system of relationships and interactions between organizational members, we will discuss how the attitudes and behaviors of individual employees are shaped by the social context in the workplace. We discuss the relationships between managers and employees, the value of teams and the emergence of team processes, and the role of social dynamics in understanding organizational development and change.</p> <p>Students will also acquire in-depth knowledge of the relevant methodological aspects of organizational psychology, such as multi-level models and interaction analyses.</p> <p>The course will be a mixture of lectures, case studies, contributions from guest speakers from organizational practice and student presentations. These different teaching and learning formats are geared towards optimal learning transfer and the combination of research and practice.</p>
Learning outcomes	<p>Students acquire a systemic understanding of organizations as complex, dynamic, interconnected systems of human behavior. They also acquire advanced knowledge of theories, methods and the latest empirical findings in industrial/organizational psychology. The module aims to provide a rich foundation for the application of this knowledge in practice in terms of evidence-based practice and/or to stimulate an academic career in industrial/organizational psychology.</p>
Type of instruction	<p>1. lecture, 2 credit hours per week 2. seminar, 2 credit hours per week 3. seminar, 2 credit hours per week</p> <p>Parallel or previous attendance of the advanced seminar is required for participation in the seminars.</p>
Language of instruction	English
Prerequisites	<p>Applied elective subject: none Psychology elective area: This module is/was not chosen as an elective subject within the foundation elective subject.</p>
Module applicability	<p>Master of Science in Psychology Required elective module, applied elective subject or psychological elective course</p>
Type, requirements, and language of module / course examination(s)	<p>Requirements: Admission to the course component examinations for the module requires regular, active participation in the courses, including discussions and student presentations, accompanying literature studies in your own time as well as written assignments and/or presentations. The type and scope of coursework will be announced at the start of the respective course.</p>

	<p>Course type: Several course examinations as part of the module courses. for 1.: term paper, portfolio, or oral examination for 2.: term paper, portfolio, or oral examination for 3.: term paper, portfolio, or oral examination The specific type of examination will be announced at the start of the respective course.</p> <p>The grade for the module is comprised of the following components: 50% course examination for 1. and 25% each for the course examinations for 2. and 3.</p> <p>Examination language: English</p>
Workload (partial services)	<p>for advanced seminar (1.) (attendance and independent study): (3 ECTS credits) for seminar (2.) (attendance and independent study): (3 ECTS credits) for seminar (3.) (attendance and independent study): (3 ECTS credits)</p> <p>course component examination for 1.: (1 ECTS credits) course component examination for 2.: (1 ECTS credits) course component examination for 3.: (1 ECTS credits)</p>
Total module coursework	12 ECTS
Module frequency	Annually
Module duration	two semesters
Semester of study	Recommended semesters: Applied elective subject: first + second semester, psychology elective area: third + fourth semesters

Module: PsyM23-Päd module type: Required elective module Title: Socio-Emotional Development and Learning	
Module content	<p>What skills do today's schools need to teach for tomorrow's social participation? Despite a long scientific tradition examining the role of cognitive factors, pedagogical and psychological research increasingly emphasizes the role of socio-emotional constructs such as personality traits or motivation and their development in different educational contexts and non-formal learning environments. This module provides an in-depth understanding of theoretical concepts, methodological approaches, and empirical findings from educational psychology research on socio-emotional development and their relevance for learning processes and future life paths. Particular attention is paid to the preconditions, processes and outcomes of education and socio-emotional development in different learning environments, and to the influences of educational experiences on the socio-emotional development of pupils and teachers.</p> <p>To ensure optimal learning success and transfer, the course combines various teaching and learning formats such as lectures, group discussions, student presentations, and written assignments.</p>
Learning outcomes	<p>Students refine their knowledge of educational psychology acquired in the bachelor's degree program by focusing on the interplay of socio-emotional and developmental processes in learning environments. They understand the special significance of socio-emotional constructs for research and practice and are able to link these links to other areas of psychology. Advanced scientific skills and modern statistical modeling approaches will be taught, based on topics from educational psychology. Students learn to assess evidence-based methods of analysis, intervention and evaluation, providing a rich foundation for a career in an academic and/or wider practical (educational) context.</p>
Type of instruction	<p>1. lecture, 2 credit hours per week 2. seminar, 2 credit hours per week 3. seminar, 2 credit hours per week</p> <p>Parallel or previous attendance of the advanced seminar is required for participation in the seminars.</p>
Language of instruction	English (selected case seminars can be held partly in German)
Prerequisites	<p>Applied elective subject: none Psychology elective area: This module is/was not chosen as an elective subject within the foundation elective subject.</p>
Module applicability	<p>Master of Science in Psychology compulsory elective module, application elective, or psychological elective area</p>
Type, requirements, and language of module / course examination(-s)	<p>Requirements: Admission to the course component examinations for the module requires regular, active participation in the courses, including discussions and student presentations, accompanying literature studies in your own time as well as written assignments and/or presentations. The type and scope of coursework will be announced at the start of the respective course.</p> <p>Course type: Several course examinations as part of the module courses.</p>

	<p>for 1.: term paper, portfolio, or oral examination For seminar 1, term paper, portfolio, or oral examination for 3.: term paper, portfolio, or oral examination The specific type of examination will be announced at the start of the respective course.</p> <p>The grade for the module is comprised of the following components: 50% course examination for 1. and 25% each for the course examinations for 2. and 3.</p> <p>Examination language: English</p>
Workload (partial services)	<p>for advanced seminar (1.) (attendance and independent study): (3 ECTS credits) for seminar (2.) (attendance and independent study): 3 ECTS credits for seminar (3.) (attendance and independent study): 3 ECTS credits</p> <p>course component examination for (1.): 1 ECTS credits course component examination for (2.): 1 ECTS credits course component examination for (3.): 1 ECTS credits</p>
Total module workload	12 ECTS credits
Module frequency	Annually
Module duration	two semesters
Semester of study	Recommended semesters: Applied elective subject: first + second semester, psychology elective area: third + fourth semesters

E. Project work

Module: PsyM23-PA Module type: Required module Title: project work	
Module content	<p>Within the scope of the assigned group projects and as independently as possible, students examine selected thematic areas from one or more fields of psychology or take part in interdisciplinary projects involving psychologists.</p> <p>As part of a broad and changing range of courses, students can, for example, learn in-depth skills in conducting experimental studies or analytical procedures, or acquire knowledge of innovative coaching concepts and the implementation of evidence-based workplace coaching (project-work seminar Evidence-based Workplace Coaching in cooperation with the Center for Better Work (https://www.betterwork.uni-hamburg.de/))</p>
Learning outcomes	<p>Students acquire knowledge and skills in independent and group-based implementation of knowledge from the various fields of psychology. They learn how to solve problems from psychologists' academic or practical work using exemplary topics.</p> <p>By taking the Evidence-based Workplace Coaching course, students acquire knowledge and skills in scientifically-based workplace coaching. Students are issued a training certificate on completion. This certificate complies with the standards of the German Coaching Association (DBVC) and international coaching associations.</p>
Type of instruction	project seminar, 5 credit hours
Language of instruction	German or English
Prerequisites	none
Module applicability	Master of Science in Psychology required module (project work)
Type, requirements, and language of module / course examination(-s)	<p>Requirements: To be admitted to the module examination, students must have taken regular, active part in the courses and completed the coursework assigned in the courses. The type and scope of the coursework will be announced at the beginning of the course.</p> <p>Course type: The module examination is conducted in writing (research report, term paper, or portfolio). The specific type of examination will be announced at the start of the class at the latest. The module grade is determined by this examination.</p> <p>Examination language: German or English</p>
Workload (components)	<p>for project seminar (2.) (attendance and independent study): (9 ECTS credits)</p> <p>module examination: (2 ECTS credits)</p>
Total module workload	11 ECTS credits
Module frequency	Annually
Module duration	1 or 2 semesters
Semester of study	Recommended semesters: second–third semester

F. Psychology elective area

Module: PsyM23-PsyWB Module type: Required elective module Title: Psychology elective area	
Module content	Within the elective courses, students can select individual courses on various topics from the field of psychology according to their own personal interests. These can be courses offered exclusively within the elective courses or classes from the applied and basic research modules that can be selected for the elective courses. An additional module from an applied or basic subject can also be selected. Courses or modules that have already been selected within the chosen applied or basic subject cannot be selected in the elective area.
Learning outcomes	Students expand and deepen their knowledge of selected topics in psychology.
Type of instruction	advanced seminar or seminars
Language of instruction	German or English
Prerequisites	none
Module applicability	Master of Science in Psychology required elective module, psychology elective area
Type, requirements, and language of module / course examination(-s)	<p>Requirements: The requirements for admission to the course examinations as well as the type and scope of any coursework to be completed will be announced at the start of the respective course. In order to earn ECTS credits in the elective courses, students must pass the examination associated with the corresponding course and/or complete the required coursework.</p> <p>Course type: Course examinations or coursework for each course selected. The type and scope of these examinations will be set by the tutor at the start of the course. If courses from the basic and applied subject can be taken as part of the elective area and these courses involve an examination, students completing the elective area must also take these examinations. The course examinations are graded with a pass or fail.</p> <p>Course examination language: German or English</p>
Workload (components)	The workload for attendance courses and independent study as well as for examinations will be announced at the start of the respective course.
Total module workload	16 ECTS credits
Module frequency	Every semester
Module duration	Not determined
Semester of study	Recommended semesters: first, second, third, and/or fourth semester

G. Internship

Module: PsyM23-Prakt Module type: required module Title: Internship	
Module content	For their internship, students independently choose a professional field in which they can complement their studies through the implementation and application of psychological expertise and acquisition of practical psychological skills. The chosen professional field should be one in which psychologists with a <i>Diplom</i> or master's qualification work on a regular basis.
Learning outcomes	Students further their ability to adapt psychological concepts, theories, and findings to the requirements and conditions of the professional field and to implement these in real life. Under supervision, they explore the fit between the requirements in the specific professional field of psychologists with a <i>Diplom</i> or master's qualification and their own specialist, general, and personal qualification profile. Moreover, they reflect on the importance of their experience in this field as related to the science of psychology, their own personal development, their future objectives, and areas in which they need to further develop their skills.
Type of instruction	1. internship (450 hours) 2. internship report
Language of instruction	German or English
Prerequisites	Students must have already begun their studies in an applied elective subject.
Module applicability	Master of Science in Psychology required module (internship)
Type, requirements, and language of module / course examination(-s)	<p>Requirements: Admission to the module examination requires: a) completion of the internship in consultation with the examination board b) presentation of written confirmation of the internship on the form provided for this purpose indicating the time, duration, and type of internship as well as the scope of activities and supervision.</p> <p>Course type: internship report: The internship report is awarded a pass or fail and is not graded. After it has been evaluated by the internship supervisor(s), the internship report must be submitted to the person responsible for internships on an electronic storage medium.</p> <p>Examination language: German or English</p>
Workload (components)	course component for (1.) 15 ECTS credits
Total module workload	15 ECTS credits
Module frequency	At least once per year; students generally seek their internship placement independently in consultation with the examination board. Students must reach an appropriate agreement with the internship office on achieving qualification objectives.
Module duration	one semester
Semester of study	Recommended semesters: from the second semester

H. Final module

Module: PsyM23-MAM module type: required module title: Final module	
Module content	Students become familiar with and reflect on current academic findings by attending research colloquiums and current academic lectures from the field of psychology. This lays the groundwork for their choice of topic for their master's thesis. Students learn to independently examine an issue from the field of psychology completed within a set period of time using academic methods (master's thesis) and presentation of the academic process and findings.
Learning outcomes	Students refine their ability to examine psychological fields of inquiry within the scope of their own research activities and to evaluate their work in detail based on their psychological expertise as well as academic, individual, organizational, and social developments. They improve their skills for planning, implementing, and evaluating a scientific investigation of a psychology problem. They develop their ability to appropriately communicate academic processes and findings to other scientists and the professional community.
Type of instruction	<ol style="list-style-type: none"> 1. Research colloquium (institute colloquium in the field of psychology or research colloquiums that can be credited to the module, which will be announced as appropriate) (2 credit hours per week) 2. Final colloquium with a presentation (research colloquium in the subject group supervising the master's thesis) (2 credit hours per week) 3. Master's thesis
Language of instruction	German or English
Prerequisites	none
Module applicability	Master of Science in Psychology and Master of Science in Clinical Psychology and Psychotherapy required module (final module)
Type, requirements, and language of module / course examination(-s)	<p>Requirements: Admission to the master's thesis: Students can apply to start work on their master's thesis once they have successfully completed modules A and B and have earned at least 12 ECTS credits in modules C, and D.</p> <p>Course type: Master's thesis and presentation of the master's thesis Regular and active participation in the research colloquium is required for admission to the presentation component of the examination. The presentation component of the examination is not graded but rather awarded a pass or fail.</p> <p>Examination language: German or English</p>
Workload (components)	<p>for research colloquium (1.) (attendance and independent study): (1 ECTS credit)</p> <p>for final colloquium (2.) (attendance and independent study): (1 ECTS credit)</p> <p>for master's thesis (3.): (27 ECTS credits)</p> <p>lecture for 2.: (1 LP)</p>
Total module workload	30 ECTS credits

Section 22
Effective date

These subject-specific provisions become effective on the day following official publication by the University of Hamburg.

Hamburg, 10 September 2024
University of Hamburg