Module Catalog

Part-time Postgraduate Course

„Integrative Oncology“ (M.Sc.)

Module 1 Complementary Medicine	
Modulcode/-nummer	
Module Name (German)	Komplementäre Medizin
Module Name (English)	Complementary Medicine
Module Supervisor	Prof. Dr. med. Jutta Hübner
Requirement for admission to the module	-
Applicability (prerequisite for what)	Condition for admission to the master thesis
Type of module (compulsory, compulsory elective or elective module)	Compulsory module
Frequency of the course (cycle)	Annually (winter semester)
Duration of the module	1 semester
Teaching forms (V, Ü, S, practical course, ...)	1 Online-Seminar (1 SWS), 1 Case Studies (2 SWS), Online Week (2 SWS)
Credit Points (ECTS)	10 ECTS
Workload during: - Online Week - Online-Seminar - Case Studies - Self Study	300h - 30h - 15h - 30h - 225h
Content	The module provides multidisciplinary knowledge and skills on various methods and systems of complementary medicine. The module covers, among others, biologically based methods (e.g. nutritional supplements, phytotherapeutics), mind-body methods (e.g. yoga, tai-chi), holistic systems (e.g. homeopathy, traditional Chinese medicine, anthroposophic medicine) and body-oriented methods (e.g. physiotherapy, manual medicine, cold and heat applications) as well as topics of energy medicine (e.g. acupuncture, aura therapy). A special focus is on the critical discussion and differentiation of alternative medicine from complementary medicine. All contents are analyzed and reflected in terms of evidence-based medicine, and possibilities and limitations of implementation in the overall oncological care concept are discussed.
Learning and qualification objectives	The module enables students to critically examine and evaluate scientific studies in the field of complementary medicine. In the module, students learn to weigh the benefits and risks of various complementary and alternative medical procedures, taking into account the individual disease and therapy history. After successful completion of the module, students will also be able to inform and communicate about the learned contents in a layman-friendly and target group-specific manner, so that they promote and support the self-efficacy and autonomy of persons with cancer in the sense of patient empowerment. In addition, they will be able to assess and communicate methods and procedures of complementary medicine in an interdisciplinary manner to allow integration and

	implementation of the module content in their everyday professional life in the sense of holistic oncological care.
Requirement for admission to the module examination	Participation in the online intensive week. Active participation in the online seminars, e.g. in the form of contributions, research, short presentations, processing of exercise tasks or elaborations. Active exchange and communication within the online seminar are essential for the acquisition of the competencies and qualifications listed above, which is why active participation is required.
Requirement for the award of credit points (form of examination)	One examination at the end of the semester (100%). The form of the examination will be announced at the beginning of the semester. Online exams, oral online exams, online lectures or term paper are possible. Further information can be found in the Prüfungsordnung (examination regulations).
Additional information on the module	The module takes place in an online format. The methodological-didactic orientation of the online seminar is up to the respective teacher and will be announced at the beginning of the module (possible are, among others: Flipped Classroom, forums, chats, video conferences as well as mixed forms). The respective form of the module examination is chosen according to the competencies to be achieved, announced by the teacher at the beginning of the course and takes into account the total number of students to be examined.
Recommended literature	Will be announced at the beginning of the course

Module 2 Clinical Nutrition	
Modulcode/-nummer	
Module name (German)	Ernährung
Module name (English)	Clinical Nutrition
Modul-Verantwortliche/r	Prof. Dr. Anna Kipp
Requirement for admission to the module	-
Applicability (prerequisite for what)	Condition for admission to the master thesis
Type of module (compulsory, compulsory elective or elective module)	Compulsory Module
Frequency of the course (cycle)	Annually (winter semester)
Duration of the module	1 Semester
Teaching forms (V, Ü, S, practical course, ...)	1 Online-Seminar (1 SWS), 1 Case Studies (2 SWS), Online Week (2 SWS)
Credit Points (ECTS)	10 ECTS
Workload during: - Online Week - Online-Seminar - Case Studies - Self Study	300h - 30h - 15h - 30h - 225h
Content	The module provides in-depth knowledge of nutrition against in the context of the overall oncological concept. The module covers, among other things, the basics of physiology, pathophysiology and biochemical aspects of nutrition (vitamins, trace elements, protein metabolism) as well as determining variables of energy metabolism and its particularities in oncology. Furthermore, the benefits and risks of certain diets (vegetarian, vegan) and cancer diets are discussed. The module provides knowledge on the role of nutrition in prevention and rehabilitation, as well as during oncological therapy and in specific disease situations.
Learning and qualification objectives	The module will enable students to determine energy needs and macro- and micronutrient requirements, taking into account disease-specific influences. Students will be able to determine a person's nutritional risk using validated screening instruments, to interpret laboratory findings of nutritional medical diagnostics and to derive an indication from them. The module provides skills in prescribing, monitoring and administering oral, enteral and parenteral nutrition. After the module, the students are also able to inform and communicate about the learned contents in a layman-friendly and target group-specific manner and to consider the nutrition-specific aspects within the overall care concept.
Requirement for admission to the module examination	Participation in the online intensive week. Active participation in the online seminars, e.g. in the form of contributions, research, short presentations, processing

	of exercise tasks or elaborations. Active exchange and communication within the online seminar are essential for the acquisition of the competencies and qualifications listed above, which is why active participation is required.
Requirement for the award of credit points (form of examination)	One examination at the end of the semester (100%). The form of the examination will be announced at the beginning of the semester. Online exams, oral online exams, online lectures or term paper are possible. Further information can be found in the Prüfungsordnung (examination regulations).
Additional information on the module	The module takes place in an online format. The methodological-didactic orientation of the online seminar is up to the respective teacher and will be announced at the beginning of the module (possible are, among others: Flipped Classroom, forums, chats, video conferences as well as mixed forms). The respective form of the module examination is chosen according to the competencies to be achieved, announced by the teacher at the beginning of the course and takes into account the total number of students to be examined.
Recommended literature	Will be announced at the beginning of the course

Modul 3 Physical Activity	
Modulcode/-nummer	
Module name (German)	Körperliche Aktivität
Module name (English)	Physical Activity
Modul-Verantwortliche/r	Prof. Dr. med. Jens Büntzel
Requirement for admission to the module	-
Applicability (prerequisite for what)	Condition for admission to the master thesis
Type of module (compulsory, compulsory elective or elective module)	Compulsory Module
Frequency of the course (cycle)	Annually (summer semester)
Duration of the module	1 semester
Teaching forms (V, Ü, S, practical course, ...)	1 Online-Seminar (1 SWS), 1Case Studies (2 SWS), Online Week (2 SWS)
Credit Points (ECTS)	10 ECTS
Workload during: - Online Week - Online-Seminar - Case Studies - Self Study	300h - 30h - 15h - 30h - 225h
Content	The module provides in-depth knowledge and skills about different aspects of physical activity. Students will analyze possible (contra-)indications of physical activity in specific oncological therapy and disease situations. Knowledge about physical activity and sport in cancer in primary and tertiary prevention (history, consequences of inactivity) and symptom-specific influences is imparted. Selected training methods (oncological training therapy) will be analyzed and discussed.
Learning and qualification objectives	With successful completion of the module, students will be able to assess a person's physical resilience and performance capacity, taking into account and classifying their indication. They are able to compile an individual selection of suitable forms of physical activity using sport-specific measurement methods. In addition, they will be able to assess and communicate methods and procedures of physical activity in an interdisciplinary manner so that what they have learned can be integrated and implemented in everyday professional life in the sense of holistic oncological care.
Requirement for admission to the module examination	Participation in the online intensive week. Active participation in the online seminars, e.g. in the form of contributions, research, short presentations, processing of exercise tasks or elaborations. Active exchange and communication within the online seminar are essential for the acquisition of the competencies and qualifications listed above, which is why active participation is required.

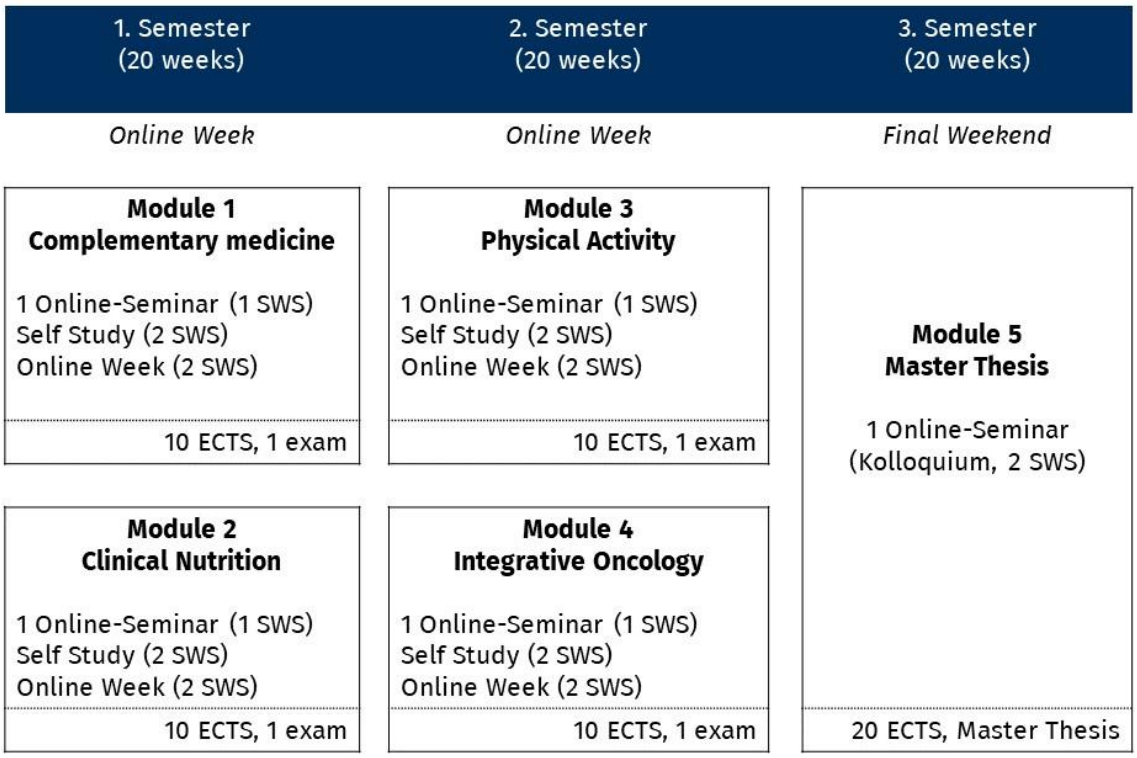
Requirement for the award of credit points (form of examination)	One examination at the end of the semester (100%). The form of the examination will be announced at the beginning of the semester. Online exams, oral online exams, online lectures or term paper are possible. Further information can be found in the Prüfungsordnung (examination regulations).
Additional information on the module	The module takes place in an online format. The methodological-didactic orientation of the online seminar is up to the respective teacher and will be announced at the beginning of the module (possible are, among others: Flipped Classroom, forums, chats, video conferences as well as mixed forms). The respective form of the module examination is chosen according to the competencies to be achieved, announced by the teacher at the beginning of the course and takes into account the total number of students to be examined.
Recommended literature	Will be announced at the beginning of the course

Modul 4 Integrative Oncology	
Modulcode/-nummer	
Module name (German)	Integrative Onkologie
Module name (English)	Integrative Oncology
Module Supervisor	Prof. Dr. med. Oliver Micke
Requirement for admission to the module	-
Applicability (prerequisite for what)	Condition for admission to the master thesis
Type of module (compulsory, compulsory elective or elective module)	Compulsory Module
Frequency of the course (cycle)	Annually (summer semester)
Duration of the module	1 semester
Teaching forms	1 Online-Seminar (1 SWS), 1 Case Studies (2 SWS), Online Week (2 SWS)
Credit Points (ECTS)	10 ECTS
Workload during: - Online Week - Online-Seminar - Case Studies - Self-Study	300h - 30h - 15h - 30h - 225h
Content	This module provides multidisciplinary knowledge of integrative oncology. The benefits and risks of symptomatic therapy options and its appropriateness in the context of integrative oncology are analyzed. A special focus is placed on the integration of the topics into lay-oriented communication and information to persons with cancer and their relatives in order to strengthen resilience and self-efficacy. Students will learn targeted counseling to weigh the benefits and risks of methods of complementary medicine, nutritional medicine, and sports medicine, as well as the associated communication with various target groups, such as patients, relatives, and also other professional groups and the media. In addition, the ethical evaluation and legal basis of decision-making in the oncological context will be explained and discussed.
Learning and qualification objectives	After successful completion of the module, the students are able to inform and communicate about the learned contents in a layman-oriented and target group-specific manner, so that they promote and support the self-efficacy and autonomy of persons with cancer in the sense of patient empowerment. Students will be able to provide evidence-based counseling to patients on methods of complementary medicine, nutrition, and physical activity. In the context of collegial consultation and supervision, students will be able to apply their knowledge in an interdisciplinary setting. Furthermore, they are able to weigh medical ethical principles and legal foundations when using integrative methods, so

	that action can be taken in the sense of holistic oncological care.
Requirement for admission to the module examination	Participation in the online intensive week. Active participation in the online seminars, e.g. in the form of contributions, research, short presentations, processing of exercise tasks or elaborations. Active exchange and communication within the online seminar are essential for the acquisition of the competencies and qualifications listed above, which is why active participation is required.
Requirement for the award of credit points (form of examination)	One examination at the end of the semester (100%). The form of the examination will be announced at the beginning of the semester. Online exams, oral online exams, online lectures or term paper are possible. Further information can be found in the Prüfungsordnung (examination regulations).
Additional information on the module	The module takes place in an online format. The methodological-didactic orientation of the online seminar is up to the respective teacher and will be announced at the beginning of the module (possible are, among others: Flipped Classroom, forums, chats, video conferences as well as mixed forms). The respective form of the module examination is chosen according to the competencies to be achieved, announced by the teacher at the beginning of the course and takes into account the total number of students to be examined.
Recommended literature	Will be announced at the beginning of the course

Masterthesis	
Modulcode/-nummer	
Module name (German)	Masterarbeit
Module name (English)	Masterthesis
Module Supervisor	Prof. J. Hübner
Requirement for admission to the module	Successful completion of all basic modules (1-4) as well as the submission of an exposé.
Applicability (prerequisite for what)	Requirement for the successful completion of the degree with the title Master of Science (M.Sc.)
Type of module (compulsory, compulsory elective or elective module)	Compulsory Module
Frequency of the course (cycle)	Annually (usally in the winter semester)
Duration of the module	6 Months
Teaching form	Online seminar (online colloquium, 2 SWS)
Credit Points (ECTS)	20 LP
Workload during: - Online Week - Online-Seminar - Self-Study	600h - 40h - 20h - 540h
Content	Composition of a Master's thesis accompanied by a colloquium, incorporating all the content learned in the other modules and applying it to a concrete complex and interdisciplinary problem.
Learning and qualification objectives	Proof of proficiency in MA-level scholarly work.
Requirement for admission to the module examination	Successful completion of modules 1-4 and submission of the master's thesis.
Requirement for the award of credit points (form of examination)	Positive evaluation of the Master's thesis (100%) by the responsible university lecturer and second examiner.
Additional information on the module	The accompanying colloquium takes place in online format and is concluded by a short presentation of the current state of work (if applicable, the finished master's thesis) within the framework of the final weekend. The methodological-didactic orientation of the online colloquium is the responsibility of the respective teacher and will be announced at the beginning of the module (possible methods include: Flipped Classroom, Journal Clubs, Forums, Chats, Video Conferences as well as mixed forms). The presentation of the current state of work will take place in an approx. 5-minute pitch at a final weekend at the end of the 3rd semester.
Recommended literature	Literature recommendations will be made at the beginning of the course.

Sample Study Plan



SWS = Semesterwochenstunden (Hours per week); ECTS = European Credit Transfer System Points