

<b>Georg-August-Universität Göttingen</b> <b>Universität Kassel/Witzenhausen</b> <b>Module M.SIA.A06: Global aquaculture production, markets and challenges</b>	6 C 4 WLH
<b>Learning outcome, core skills:</b> Students get to know the most important aquaculture organisms worldwide as well as their prevalent production systems. They learn which national and international regulatory mechanisms influence trade of aquatic products.  Through the work on case studies and their presentations, students obtain the capability to evaluate problems, chances and socioeconomic impacts of a globalized and sustainable aquaculture; they are enabled to independently get acquainted with scientific subjects and to apply the acquired knowledge for the consideration of complex conflicts of interest.	<b>Workload:</b> Attendance time: 56 h Self-study time: 124 h
<b>Course: Global aquaculture production, markets and challenges</b> (Lecture, Seminar) <i>Contents:</i> The production of the world wide most important aquaculture species and ornamentals (i.e. kelp, water hyacinths, water salad, oysters, clams, carp, tilapia, salmon, trout, Litopenaeus vannamei, Penaeus monodon), their distribution channels; national and international markets and trade with aquatic products; international trading agreements, law and their compliance; national and international legislation for the protection of the aquatic environment; aquatic animal health, trade and transboundary issues.  Through case studies: Trends and developments of sector management (influence of national authorities, NGOs, societies, communities); socioeconomic impact of aquaculture; contribution to national food self-sufficiency; energy and resource efficiency in aquaculture; environmental management of aquaculture.  <i>Literature:</i> Lecture based notes.  <i>Course frequency:</i> jedes Wintersemester	4 WLH
<b>Examination: Oral examination (approx. 20 minutes)</b> M.SIA.A06.Mp: Global Aquaculture production, markets and challenges <b>Examination prerequisites:</b> Project presentation (ca. 20 minutes) <b>Examination requirements:</b> Knowledge of the most important aquaculture organisms, their distribution structures, and the national and international markets and trade of aquatic products. Knowledge of the laws, national and international rules to protect the aquatic environment and the standards of hygiene and fish health in cross-border trade.	6 C
<b>Admission requirements:</b> none	<b>Recommended previous knowledge:</b> Basic knowledge of animal sciences and agricultural markets

<b>Language:</b> English	<b>Person responsible for module:</b> Prof. Dr. Gabriele Hörstgen-Schwark
<b>Course frequency:</b> every 4th semester; Start WS 15/16; Göttingen	<b>Duration:</b> 1 semester[s]
<b>Number of repeat examinations permitted:</b> twice	<b>Recommended semester:</b>
<b>Maximum number of students:</b> 30	