

ISU 2016 - Schedule (tentative)

Version: 18th May 2016

		Monday (Whit Monday) 05/16/16	Tuesday 05/17/16	Wednesday 05/18/16	Thursday 05/19/16	Friday 05/20/16	Saturday 05/21/16
09:00 – 10:30	Arrival	ES I (1/8) Sander Algae Model Basics	CS I (1/8) Riley Computer Modeling	Excursion Volkswagen Factory	CS I (3/8) Gerndt Robotics	ES II (5/8) Project work Data Analysis Literature	Excursion Berlin
11:00 – 12:30		ES I (2/8) Sander Algae Model Basics	CS I (2/8) Riley Computer Modeling		CS I (4/8) Gerndt Robotics	ES II (6/8) Project work Data Analysis Literature	City Tour Boat Tour Reichstag Glasdome
					Sampling: Buoy DO, Temp, PO4 SD Chl a		
1:30 – 3:00		ES I (3/8) Preuss Circadian Rhythms	GL (1/6) Christoph		Autostadt	Laboratory Sort Data, PO4 Analysis	GL (Intro to Berlin)
3:30 – 5:00		ES I (3/8) Preuss Circadian Rhythms	GL (1/6) Christoph			Laboratory Sort Data, PO4 Analysis	Departure Berlin
		Welcome Dinner	City Walk WF			City Walk BS	Overnight Sampling?

	Sunday 05/22/16	Monday 05/23/16	Tuesday 05/24/16	Wednesday 05/25/16	Thursday 05/26/16	Friday 05/27/16	Saturday 05/28/16
09:00 – 10:30	Excursion Potsdam	CS II (5/8) Riley Computer Modeling	Excursion	ES II (7/8) Sander Algae Toxins 8-11:30 Rm 6/059	Poster Project Requirements 3 min. Project Presentation	Final Exam Poster Market Place	Departure
11:00 – 12:30		CS II (6/8) Riley Computer Modeling ab	Rammelsberg	ES II (8/8) Preuss Circad Rhythms ab 11:30 Rm		German Exam	
			Wernigerode			Farewell BBQ Okercabana	
1:30 – 3:00		CS II (7/8) Gerndt Robotics		GL (5/6)	Project Day		
3:30 – 5:00		CS II (8/8) Gerndt Robotics		GL (6/6)			

10 unless otherwise stated

CS I	Computer Science (Robotics)	Prof. Dr. R. Gerndt, Ostfalia University of Applied Sciences
CS II	Computer Science (Biosystems Modelling)	Prof. Dr. D. Riley, University of Wisconsin – Parkside (UWP)
ES II	Environment Science (Phycology)	Assoc. Prof. Dr. H. Sander, Ostfalia University of Applied Sciences
ES II	Environment Science (Geology/Microbiology)	Prof. Dr. F. Preuss, University of Wisconsin – Parkside (UWP)
GL	German Language, History and Culture	Prof. Dr. S. Christoph, UWP

Reichstag Glasdome Tour

Have Cy and Green algal cultures ready, do PO4 analysis in the lake prior to ISU

Project Topics for Teams:

Robotic Sampling I: Continuous Sampling using Buoys

Robotic Sampling II: Controlled Sampling from the air (Image processing)

Robotic Sampling III: Controlled Sampling from the air (Robotic Stability and Control)

Robotic Sampling IV: Controlled Sampling from the air (Temperature measurement via Infrared)

Modeling I: Salt water model for beach supervision

Modeling II: Production model for business

Circadian Rhythms I - Data Analysis

Circadian Rhythms II - Influence on the model

7 Gruppen a 5 Personen mit unterschiedlichen Themen oder 7 Gruppen mit konkurrierenden Themen nur zu Image Proc.