University of Zurich

Department of Geography

Recommendations for Consolidation Modules: Major Geography

Modules	Recommendations
GEO 423 Political Geography	GEO 363 Advanced Human Geography Vc (Critical reading and writing seminar)
GEO 425 Political Ecology	GEO 361 Vertiefung Humangeographie Va (Projektseminar A) and GEO 363 Vertiefung Humangeographie Vc (Critical reading and writing seminar)
GEO 411 Field studies on high mountain processes	GEO 231 Physische Geographie III (Geomorphologie und Glaziologie) and GEO 341 Gletscher und Permafrost
GEO 412 Soil Science III: Practical Project	GEO 342 Vertiefung: Boden-Pflanze-Umwelt and GEO 241 Physische Geographie IV
GEO 417 Environmental archives and age determination	GEO 343 Geochronologie I
GEO 418 Atmosphere and Climate	PHY 111 Physics I & PHY 112 Lab Physics I and GEO 121 Physische Geographie II
GEO 471 Hydrological field measurements and calculations	GEO 121 Physische Geographie II and GEO 344 Hydrologische Prozesse
GEO 475 Hydrological Modelling and Programming	GEO 121 Physische Geographie II and GEO 344 Hydrologische Prozesse
GEO 815 Quantification and modelling of the Cryosphere: dynamic processes	GEO 341 Gletscher und Permafrost
GEO 851 Glacier Mass Balance Measurements and Analysis – from local observations to global assessments	GEO 341 Gletscher und Permafrost
GEO 856 The high-mountain cryosphere: processes and risks	GEO 111 Physische Geographie I and GEO 121 Physische Geographie II
GEO 857 Snow and Avalanches: Processes and Risk Management	GEO 111 Physische Geographie I and GEO 121 Physische Geographie II
GEO 871 Retrieving Geographic Information	GEO 243 Fernerkundung und Geographische Informationswissenschaft IV
GEO 872 Advanced Spatial Analysis I	GEO 812 Getting started with R for spatial analysis
GEO 875 Spatial Databases	GEO 874 Introduction to Databases
GEO 876 Introduction to Programming for Spatial Problems	GEO 372 Vertiefung Geographische Informationswissenschaft V
GEO 877 Spatial Algorithms	GEO 876 Introduction to Programming for Spatial Problems
GEO 454 Geovisualisation	GEO 113 Fernerkundung und Geographische Informationswissenschaft I and GEO 876 Introduction to Programming for Spatial Problems

GEO 881 Advanced Spatial Analysis II	GEO 812 Getting started with R for spatial analysis
GEO 885 GIScience Project	GEO 872 Advanced Spatial Analysis I
GEO 888 GIS for Environmental Monitoring	GEO 372 Vertiefung Geographische Informationswissenschaft V
GEO 441 Remote Sensing: Seminar & Colloquium	GEO 371 Remote Sensing and Geographic Information Science V (Remote Sensing Methods), GEO 442 Remote Sensing: Spectroscopy of the Earth System and GEO 443 Remote Sensing: SAR und LIDAR. Recommended additionally also knowledge in python programming like ESS 341/GEO 876.
GEO 442 Remote Sensing: Spectroscopy of the Earth System	GEO 371 Remote Sensing and Geographic Information Science V (Remote Sensing Methods) and GEO 803 Solving Geospatial Problems using Matlab. Recommended additionally also knowledge in python programming like ESS 341/GEO 876.
GEO 443 Remote Sensing: SAR und LIDAR	GEO 371 Remote Sensing and Geographic Information Science V (Remote Sensing Methods) and GEO 803 Solving Geospatial Problems using Matlab. Recommended additionally also knowledge in python programming like ESS 341/GEO 876.