

Master Program Polar and Marine Sciences POMOR  
 Courses timetable  
 WS 2021/2022

Week 39	Time*	Monday, Sep 27	Tuesday, Sep 28	Wednesday, Sep 29	Thursday, Sep 30	Friday, Oct 1
	09:00 - 10:35					
	10:45 - 12:20					11:00 Welcome event in person and @Microsoft Teams
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35					
	14:45 - 16:20					
	16:30 - 18:05					

\* Moscow time

1/18 // 09.12.21  
 All information subject to change. E and OE

Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 40	Time*	Monday, Oct 04	Tuesday, Oct 05	Wednesday, Oct 06	Thursday, Oct 07	Friday, Oct 08
	09:00 - 10:35		English E. Dolgikh	English A. Gorodinskiy	Module 1 1.3 Methods of seafloor mapping; L, P Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English E. Dolgikh
	10:45 - 12:20	English A. Gorodinskiy	Module 2 2.3 Ocean currents; L, S Prof. Dr. Viktor Ionov	English A. Gorodinskiy	Module 1 1.2 Methods in marine geosciences; L, P, S, E Dr. Grigory Fedorov	English A. Gorodinskiy
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Module 2 2.5 Basics of physical oceanography; L, S, P Dr. Andrey Rubchenia	Core Module Russian as a foreign language Mr. Mikhail Vsemimov @Microsoft Teams	Module 1 1.2 Methods in marine geosciences; L, P, S, E Prof. Dr. Vladislav Kuznetsov	Module 2 2.5 Basics of physical oceanography; L, S, P Dr. Andrey Rubchenia	Module 2 2.3 Ocean currents; L, S Prof. Dr. Viktor Ionov
	14:45 - 16:20		Module 2 2.4 Ocean waves; L, S, P Prof. Dr. Leonid Lopatukhin @Microsoft Teams			Core Module Russian as a foreign language Mr. Mikhail Vsemimov @Microsoft Teams
	16:30 - 18:05		Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Boris Ivanov			

\* Moscow time

2/18 // 09.12.21  
All information subject to change. E and OE

Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 41	Time*	Monday, Oct 11	Tuesday, Oct 12	Wednesday, Oct 13	Thursday, Oct 14	Friday, Oct 15
	09:00 - 10:35	Module 1 1.3 Methods of seafloor mapping; L, P Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English E. Dolgikh	English A. Gorodinskiy	Module 1 1.3 Methods of seafloor mapping; L, P Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English E. Dolgikh
	10:45 - 12:20	English A. Gorodinskiy	Module 2 2.5 Basics of physical oceanography; L, S, P Dr. Andrey Rubchenia	English A. Gorodinskiy	Module 1 1.2 Methods in marine geosciences; L, P, S, E Dr. Grigory Fedorov	English A. Gorodinskiy
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Module 2 2.5 Basics of physical oceanography; L, S, P Dr. Andrey Rubchenia	Core Module Russian as a foreign language Mr. Mikhail Vsemimov @Microsoft Teams	Module 1 1.2 Methods in marine geosciences; L, P, S, E Prof. Dr. Vladislav Kuznetsov	Module 2 2.3 Ocean currents; L, S Prof. Dr. Viktor Ionov	Module 2 2.3 Ocean currents; L, S Prof. Dr. Viktor Ionov
	14:45 - 16:20		Module 2 2.4 Ocean waves; L, S, P Prof. Dr. Leonid Lopatukhin @Microsoft Teams			Core Module Russian as a foreign language Mr. Mikhail Vsemimov @Microsoft Teams
	16:30 - 18:05		Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Boris Ivanov			

\* Moscow time

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Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 42	Time*	Monday, Oct 18	Tuesday, Oct 19	Wednesday, Oct 20	Thursday, Oct 21	Friday, Oct 22
	09:00 - 10:35	Module 1 1.3 Methods of seafloor mapping; L, P Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English /E. Dolgikh Russian as a foreign language Mrs. Natalia Slavgorodskaya @Microsoft Teams		Module 1 1.3 Methods of seafloor mapping; L, P Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English E. Dolgikh
	10:45 - 12:20	English A. Gorodinskiy	Module 2 2.3 Ocean currents; L, S Prof. Dr. Viktor Ionov	English A. Gorodinskiy	Module 1 1.2 Methods in marine geosciences; L, P, S, E Dr. Grigory Fedorov	Module 3 3.6 Biology and ecosystem modeling Dr. Marina Nadporozhskaya
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Module 2 2.5 Basics of physical oceanography; L, S, P Dr. Andrey Rubchenia	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams	Module 1 1.2 Methods in marine geosciences; L, P, S, E Prof. Dr. Vladislav Kuznetsov	Module 2 2.5 Basics of physical oceanography; L, S, P Dr. Andrey Rubchenia	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams
	14:45 - 16:20	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams
	16:30 - 18:05	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams

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Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 43	Time*	Monday, Oct 25	Tuesday, Oct 26	Wednesday, Oct 27	Thursday, Oct 28	Friday, Oct 29
	09:00 - 10:35	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	English /E. Dolgikh Russian as a foreign language Mrs. Natalia Slavgorodskaya @Microsoft Teams	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	Module 1 1.3 Methods of seafloor mapping; L, P Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English E. Dolgikh
	10:45 - 12:20	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	Russian as a foreign language Mrs. Natalia Slavgorodskaya @Microsoft Teams	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	Module 1 1.2 Methods in marine geosciences; L, P, S, E Dr. Grigory Fedorov	Module 3 3.6 Biology and ecosystem modeling Dr. Marina Nadporozhskaya
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Module 2 2.5 Basics of physical oceanography; L, S, P Dr. Andrey Rubchenia		Module 1 1.2 Methods in marine geosciences; L, P, S, E Prof. Dr. Vladislav Kuznetsov	Orientation Days Meeting with Dr. Nadezhda Kakhro @Microsoft Teams	Module 2 2.3 Ocean currents; L, S Prof. Dr. Viktor Ionov
	14:45 - 16:20	Module 1 1.1 Marine sediments and polar sedimentation processes; L, P, E Dr. Robert Spielhagen @Microsoft Teams			Module 2 2.4 Ocean waves; L, S, P Prof. Dr. Leonid Lopatukhin @Microsoft Teams	Core Module Russian as a foreign language Mrs. Natalia Slavgorodskaya @Microsoft Teams
	16:30 - 18:05	17:00 - 18:30 Russian as a foreign language Mrs. Natalia Slavgorodskaya @Microsoft Teams				

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Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 44	Time*	Monday, Nov 01	Tuesday, Nov 02	Wednesday, Nov 03	Thursday, Nov 04	Friday, Nov 05
	09:00 - 10:35	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	English /E. Dolgikh Russian as a foreign language Mrs. Natalia Slavgorodskaya @Microsoft Teams	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	Holiday	
	10:45 - 12:20	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	Module 2 2.3 Ocean currents; L, S Prof. Dr. Viktor Ionov	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	Holiday	Module 3 3.6 Biology and ecosystem modeling Dr. Marina Nadporozhskaya
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35			Module 1 1.2 Methods in marine geosciences; L, P, S, E Prof. Dr. Vladislav Kuznetsov	Holiday	
	14:45 - 16:20		Module 2 2.4 Ocean waves; L, S, P Prof. Dr. Leonid Lopatukhin @Microsoft Teams		Holiday	
	16:30 - 18:05		Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Boris Ivanov		Holiday	

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Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 45	Time*	Monday, Nov 08	Tuesday, Nov 09	Wednesday, Nov 10	Thursday, Nov 11	Friday, Nov 12
	09:00 - 10:35	Module 1 1.3 Methods of seafloor mapping; L, P Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English /E. Dolgikh @Microsoft Teams		Module 3 3.3 Biology and ecology of the seafloor fauna (benthos) of coastal and polar oceans; L, E Prof. Dr. Dieter Piepenburg @Microsoft Teams	English E. Dolgikh @Microsoft Teams
	10:45 - 12:20			Module 3 3.3 Biology and ecology of the seafloor fauna (benthos) of coastal and polar oceans; L, E Prof. Dr. Dieter Piepenburg @Microsoft Teams	Module 3 3.3 Biology and ecology of the seafloor fauna (benthos) of coastal and polar oceans; L, E Prof. Dr. Dieter Piepenburg @Microsoft Teams	Module 3 3.6 Biology and ecosystem modeling Dr. Marina Nadporozhskaya @Microsoft Teams
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35			Module 3 3.3 Biology and ecology of the seafloor fauna (benthos) of coastal and polar oceans; L, E Prof. Dr. Dieter Piepenburg @Microsoft Teams	Module 3 3.3 Biology and ecology of the seafloor fauna (benthos) of coastal and polar oceans; L, E Prof. Dr. Dieter Piepenburg @Microsoft Teams	14:00 - 15:30 Module 3 3.3 Biology and ecology of the seafloor fauna (benthos) of coastal and polar oceans; L, E Prof. Dr. Dieter Piepenburg @Microsoft Teams
	14:45 - 16:20				Module 2 2.4 Ocean waves; L, S, P Prof. Dr. Leonid Lopatukhin @Microsoft Teams	
	16:30 - 18:05					

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Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 46	Time*	Monday, Nov 15	Tuesday, Nov 16	Wednesday, Nov 17	Thursday, Nov 18	Friday, Nov 19
	09:00 - 10:35	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	English E. Dolgikh	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov		English E. Dolgikh
	10:45 - 12:20	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov		Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	Module 1 1.2 Methods in marine geosciences; L, P, S, E Dr. Grigory Fedorov	Module 3 3.6 Biology and ecosystem modeling Dr. Petr Strelkov
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Module 3 3.7 Ecological regulation and utilisation of marine natural resources in Polar Regions Prof. Dr. Evgeny Abakumov	Core Module History of polar research, L Valery Lukin	Module 1 1.2 Methods in marine geosciences; L, P, S, E Prof. Dr. Vladislav Kuznetsov	Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Annette Rinke, Dr. Doerthe Handorf @Microsoft Teams	Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Annette Rinke, Dr. Doerthe Handorf @Microsoft Teams
	14:45 - 16:20	Module 2 2.4 Ocean waves; L, S, P Prof. Dr. Leonid Lopatukhin @Microsoft Teams	Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Annette Rinke, Dr. Doerthe Handorf @Microsoft Teams	Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Annette Rinke, Dr. Doerthe Handorf @Microsoft Teams	Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Annette Rinke, Dr. Doerthe Handorf @Microsoft Teams	Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Annette Rinke, Dr. Doerthe Handorf @Microsoft Teams
	16:30 - 18:05		Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Boris Ivanov			

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\* Moscow time

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Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 47	Time*	Monday, Nov 22	Tuesday, Nov 23	Wednesday, Nov 24	Thursday, Nov 25	Friday, Nov 26
	09:00 - 10:35	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov		Module 3 3.5 Geocology of Polar regions and impact on ecosystems Dr. Alla Yurova	Module 1 1.5 Marine geotechnology; L, E Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English E. Dolgikh
	10:45 - 12:20	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov	Module 2 2.6 Tides in the ocean; L, S Prof. Dr. Viktor Ionov	Module 3 3.5 Geocology of Polar regions and impact on ecosystems Dr. Alla Yurova		Module 3 3.6 Biology and ecosystem modeling Dr. Petr Strelkov
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Annette Rinke, Dr. Doerthe Handorf @Microsoft Teams	Module 2 2.2 Atmosphere - Sea Ice - Ocean Interaction in Polar Regions; L, S, P Dr. Annette Rinke, Dr. Doerthe Handorf @Microsoft Teams	Module 3 3.7 Ecological regulation and utilisation of marine natural resources in Polar Regions Prof. Dr. Evgeny Abakumov	Module 3 3.7 Ecological regulation and utilisation of marine natural resources in Polar Regions Dr. Irina Arestova	Module 2 2.6 Tides in the ocean; L, S Prof. Dr. Viktor Ionov
	14:45 - 16:20		Module 2 2.4 Ocean waves; L, S, P Prof. Dr. Leonid Lopatukhin @Microsoft Teams	Module 3 3.3 Biology and ecology of the seafloor fauna (benthos) of coastal and polar oceans; L, E Prof. Dr. Dieter Piepenburg @Microsoft Teams	Module 3 3.5 Geocology of Polar Regions and impacts on ecosystems Dr. Irina Fedorova	Module 3 3.5 Geocology of Polar regions and impact on ecosystems Dr. Alla Yurova
	16:30 - 18:05			Module 3 3.3 Biology and ecology of the seafloor fauna (benthos) of coastal and polar oceans; L, E Prof. Dr. Dieter Piepenburg @Microsoft Teams		Module 3 3.5 Geocology of Polar regions and impact on ecosystems Dr. Alla Yurova

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\* Moscow time

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Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 48	Time*	Monday, Nov 29	Tuesday, Nov 30	Wednesday, Dec 01	Thursday, Dec 02	Friday, Dec 03
	09:00 - 10:35	Module 1 1.5 Marine geotechnology; L, E Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English E. Dolgikh	Module 1 1.4 Ocean basins: morphology, tectonic structure and dynamics; L, S Dr. Alexey Krylov @Microsoft Teams	Module 1 1.5 Marine geotechnology; L, E Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	
	10:45 - 12:20	Module 2 2.1 Oceanographic measurements and data analysis. L, S R. Smagin	Module 2 2.6 Tides in the ocean; L, S Prof. Dr. Viktor Ionov		Module 1 1.5 Marine geotechnology; L, E Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Module 3 3.7 Ecological regulation and utilisation of marine natural re- sources in Polar Regions Prof. Dr. Evgeny Abakumov	Core Module History of polar research, L Valery Lukin	<b>13:00</b> POMOR Orientation Days Visit to the Arctic and Antarctic Research Institute and Otto Schmidt Laboratory for Polar and Marine Research Dr. Vasily Povazhny	Module 3 3.7 Ecological regulation and utilisation of marine natural re- sources in Polar Regions Dr. Irina Arestova	Module 2 2.6 Tides in the ocean; L, S Prof. Dr. Viktor Ionov
	14:45 - 16:20	Module 1 1.2 Methods in marine geosciences; L, P, S, E Dr. Grigory Fedorov @Microsoft Teams			Module 3 3.5 Geoecology of Polar Regions and impacts on ecosystems Dr. Irina Fedorova	English E. Dolgikh
	16:30 - 18:05		<b>16:30</b> POMOR Orientation Days Round table and Get-together with POMOR alumni Dr. Nadezhda Kakhro @ZOOM		Module 2 2.1 Oceanographic measurements and data analysis. L, S R. Smagin	English E. Dolgikh

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Master Program Polar and Marine Sciences POMOR  
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WS 2021/2022

Week 49	Time*	Monday, Dec 06	Tuesday, Dec 07	Wednesday, Dec 08	Thursday, Dec 09	Friday, Dec 10
	09:00 - 10:35	Module 1 1.5 Marine geotechnology; L, E Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	English E. Dolgikh		Module 3 3.1 Biodiversity in marine and polar ecosystems Prof. Dr. Ulrich Bathmann @Microsoft Teams	English E. Dolgikh
	10:45 - 12:20	Module 2 2.1 Oceanographic measurements and data analysis. L, S R. Smagin	Module 3 3.1 Biodiversity in marine and polar ecosystems Prof. Dr. Ulrich Bathmann @Microsoft Teams		Module 3 3.1 Biodiversity in marine and polar ecosystems Prof. Dr. Ulrich Bathmann @Microsoft Teams	Module 3 3.6 Biology and ecosystem modeling Prof. Dr. Dmitry Vlasov
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Module 3 3.7 Ecological regulation and utilisation of marine natural re- sources in Polar Regions Prof. Dr. Evgeny Abakumov	Module 2 2.6 Tides in the ocean; L, S Prof. Dr. Viktor Ionov		Module 3 3.5 Geoecology of Polar Regions and impacts on ecosystems Dr. Irina Fedorova	Module 2 2.6 Tides in the ocean; L, S Prof. Dr. Viktor Ionov
	14:45 - 16:20	Module 3 3.5. Geoecology of Polar regions and impacts on ecosystems Dr. Ekaterina Elsukova	Core Module History of polar research, L Valery Lukin	<b>15:00</b> Module 3 3.1 Biodiversity in marine and polar ecosystems Prof. Dr. Ulrich Bathmann @Microsoft Teams	Module 3 3.5 Geoecology of Polar Regions and impacts on ecosystems Dr. Irina Fedorova	Core Module History of polar research, L Valery Lukin
	16:30 - 18:05			Module 3 3.1 Biodiversity in marine and polar ecosystems Prof. Dr. Ulrich Bathmann @Microsoft Teams		

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All information subject to change. E and OE

Master Program Polar and Marine Sciences POMOR  
Courses timetable  
WS 2021/2022

Week 50	Time*	Monday, Dec 13	Tuesday, Dec 14	Wednesday, Dec 15	Thursday, Dec 16	Friday, Dec 17
	09:00 - 10:35	Module 1 1.5 Marine geotechnology; L, E Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	Module 3 3.2 Biological oceanography of pelagic ecosystems, principles, examples, future scenarios and modelling Prof. Dr. Ulrich Bathmann @Microsoft Teams	Module 3 3.2 Biological oceanography of pelagic ecosystems, principles, examples, future scenarios and modelling Prof. Dr. Ulrich Bathmann @Microsoft Teams	Module 3 3.2 Biological oceanography of pelagic ecosystems, principles, examples, future scenarios and modelling Prof. Dr. Ulrich Bathmann @Microsoft Teams	Module 3 3.6 Biology and ecosystem modeling Dr. Petr Strelkov
	10:45 - 12:20	Module 3 3.2 Biological oceanography of pelagic ecosystems, principles, examples, future scenarios and modelling Prof. Dr. Ulrich Bathmann @Microsoft Teams	Module 3 3.2 Biological oceanography of pelagic ecosystems, principles, examples, future scenarios and modelling Prof. Dr. Ulrich Bathmann @Microsoft Teams	Module 3 3.2 Biological oceanography of pelagic ecosystems, principles, examples, future scenarios and modelling Prof. Dr. Ulrich Bathmann @Microsoft Teams	Module 3 3.2 Biological oceanography of pelagic ecosystems, principles, examples, future scenarios and modelling Prof. Dr. Ulrich Bathmann @Microsoft Teams	Module 3 3.6 Biology and ecosystem modeling Prof. Dr. Dmitry Vlasov
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Module 3 3.4 Introduction to the polar ecology and sea-ice ecology; L, S Prof. Dr. Bodo von Bodungen @Microsoft Teams	Module 2 2.6 Tides in the ocean; L, S Prof. Dr. Viktor Ionov RERUN from Dec 7	Module 3 3.4 Introduction to the polar ecology and sea-ice ecology; L, S Prof. Dr. Bodo von Bodungen @Microsoft Teams	Module 3 3.4 Introduction to the polar ecology and sea-ice ecology; L, S Prof. Dr. Bodo von Bodungen @Microsoft Teams	Core Module History of polar research, L Valery Lukin
	14:45 - 16:20	Module 3 3.4 Introduction to the polar ecology and sea-ice ecology; L, S Prof. Dr. Bodo von Bodungen @Microsoft Teams	Core Module History of polar research, L Valery Lukin RERUN from Dec 7	Module 3 3.4 Introduction to the polar ecology and sea-ice ecology; L, S Prof. Dr. Bodo von Bodungen @Microsoft Teams	Module 3 3.4 Introduction to the polar ecology and sea-ice ecology; L, S Prof. Dr. Bodo von Bodungen @Microsoft Teams	English E. Dolgikh
	16:30 - 18:05					English E. Dolgikh

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Master Program Polar and Marine Sciences POMOR  
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Week 51	Time	Monday, Dec 20	Tuesday, Dec 21	Wednesday, Dec 22	Thursday, Dec 23	Friday, Dec 24
	09:00 - 10:35	Module 1 1.5 Marine geotechnology; L, E Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev			Module 1 1.5 Marine geotechnology; L, E Prof. Dr. German Leitchenkov, Prof. Dr. Alexey Piskarev-Vasiliev	Module 3 3.5. Geocology of Polar regions and impacts on ecosystems Dr. Ekaterina Elsukova
	10:45 - 12:20	Module 2 2.1 Oceanographic measurements and data analysis. L, S R. Smagin	Core Module CM.3 Introduction into usage of online scientific information Dr. Olga Moskaleva	Core Module CM.3 Introduction into usage of online scientific information Dr. Olga Moskaleva	Module 1 1.2 Methods in marine geosciences; L, P, S, E Dr. Grigory Fedorov	Module 3 3.6 Biology and ecosystem modeling Prof. Dr. Dmitry Vlasov
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35	Core Module CM.3 Introduction into usage of online scientific information Dr. Olga Moskaleva	Core Module CM.3 Introduction into usage of online scientific information Dr. Olga Moskaleva	Core Module CM.3 Introduction into usage of online scientific information Dr. Olga Moskaleva	Module 2 2.1 Oceanographic measurements and data analysis. L, S R. Smagin	Core Module History of polar research, L Valery Lukin <b>pass-fail exam</b>
	14:45 - 16:20		<b>16:00</b> POMOR Orientation Days Visit to the All-Russian Scientific and Research Institute of Geology and Mineral Resources of the World Ocean Prof. Dr. Georgy Cherkashov	Module 3 3.5. Geocology of Polar regions and impacts on ecosystems Dr. Ekaterina Elsukova		
	16:30 - 18:05					

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Week 52	Time*	Monday, Dec 27	Tuesday, Dec 28	Wednesday, Dec 29	Thursday, Dec 30	Friday, Dec 31
	09:00 - 10:35					
	10:45 - 12:20					
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35					
	14:45 - 16:20					
	16:30 - 18:05					

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Week 01	Time	Monday, Jan 03	Tuesday, Jan 04	Wednesday, Jan 05	Thursday, Jan 06	Friday, Jan 07
	09:00 - 10:35					
	10:45 - 12:20					
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35					
	14:45 - 16:20					
	16:30 - 18:05					

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Master Program Polar and Marine Sciences POMOR  
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Week 02	Time*	Monday, Jan 10	Tuesday, Jan 11	Wednesday, Jan 12	Thursday, Jan 13	Friday, Jan 14
	09:00 - 10:35					
	10:45 - 12:20					
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35					
	14:45 - 16:20					
	16:30 - 18:05					

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Master Program Polar and Marine Sciences POMOR  
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Week 03	Time*	Monday, Jan 17	Tuesday, Jan 18	Wednesday, Jan 19	Thursday, Jan 20	Friday, Jan 21
	09:00 - 10:35					
	10:45 - 12:20					
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35					
	14:45 - 16:20					
	16:30 - 18:05					

\* Moscow time

Master Program Polar and Marine Sciences POMOR  
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Week 04	Time*	Monday, Jan 25	Tuesday, Jan 26	Wednesday, Jan 27	Thursday, Jan 28	Friday, Jan 29
	09:00 - 10:35					
	10:45 - 12:20					
	12:20 - 13:00	B	R	E	A	K
	13:00 - 14:35					
	14:45 - 16:20					
	16:30 - 18:05					

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