





## EQUIPMENT AND FACILITIES AT NATIONAL UNIVERSITY OF MONGOLIA FOR COLLABORATIVE USE TO INTENSE PARTNERS

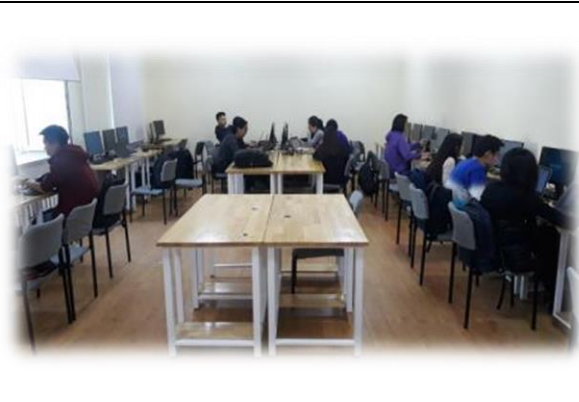


(\*purchased by INTENSE project)

№	Equipment	Technical specification	Purpose	Quantity	Photo
<b>E-learning equipment and E-classroom</b>					
1.	Desktop computer*	<ul style="list-style-type: none"> <li>~ Dell Optiplex 7460 All in One</li> <li>~ 8th Generation Intel Core i7-8700 Processor</li> <li>~ 16GB DDR4 2666MHz</li> <li>~ 1TB SATA 7.2K 2.5"</li> <li>~ Integrated Intel UHD Graphics</li> <li>~ Dell Wireless Keyboard and Mouse</li> <li>~ 23.8" Full HD IPS Display</li> <li>~ HDMI, WiFi, Bluetooth, USB, LAN, SD</li> <li>~ Windows 10 64-bit</li> <li>~ Microsoft Office 2016</li> </ul>	E-learning	8	
2.	Laptop*	<ul style="list-style-type: none"> <li>~ Dell Inspiron 7572-3745S</li> <li>~ Processor: Intel Core i7-8550</li> <li>~ CPU 1.8 GHz</li> <li>~ RAM: 16 GB DRR3</li> <li>~ Hard drive: 1TB + 128GB PCLE</li> <li>~ Display card: GeForce MX150 4GB</li> <li>~ Input/output: HDMI, WiFi, Bluetooth, USB, SD</li> <li>~ Display: 15 inch, full HD</li> <li>~ Battery: 6000 mAh</li> <li>~ Operation system: Windows 10 64-bit</li> <li>~ Microsoft Office 2016</li> </ul>	E-learning	2	







3.	Portable hard Drive*	<ul style="list-style-type: none"> <li>~ Transcend 2TB USB 3.1 StoreJet 25M3</li> <li>~ Portable Hard Drive 2TB Storage Capacity</li> <li>~ USB 3.1 Interface</li> <li>~ Transfer Speed 5Gb/s</li> <li>~ 256-Bit AES Encryption</li> <li>~ Windows, Mac, and Linux Compatible</li> </ul>	E-learning	1	
4.	Multifunction Printer*	<ul style="list-style-type: none"> <li>~ HP LaserJet Pro M227dfw Multifunction Printer</li> <li>~ Print, Copy, Scan, Fax, ADF, Duplex</li> <li>~ Print speed letter: Up to 30 ppm (black)</li> <li>~ Auto duplex printing; 250-sheet input tray</li> <li>~ NFC touch-to-print</li> <li>~ Uses toner with JetIntelligence</li> <li>~ High yield toner available</li> </ul>	E-learning	1	
5.	Projector*	<ul style="list-style-type: none"> <li>~ Epson Home Cinema 2150 Miracast 3LCD Projector</li> <li>~ Color &amp; White Brightness of 2500 Lumens</li> <li>~ Full HD (1920 x 1080) Native Resolution</li> <li>~ 3D Capability: Yes</li> <li>~ Lamp Life: Normal Mode: Up to 4000 hours,</li> <li>~ Wi-Fi: Yes, with WiDi and Miracast support</li> <li>~ Inputs: 1 x HDMI with MHL, 1 x HDMI,</li> </ul>	E-learning	1	






6.	E-learning classroom*	~ All above-mentioned equipment are available in the classroom. ~ Providing training in ICT-related issues and cutting-edge multidisciplinary topics of environmental studies.	E-learning E-teaching	1	
<b>E-teaching facility</b>					
7.	Digital professor studio	~ Developing e-learning and research training infrastructure, curricula contents and learning materials	E-teaching	1	
<b>Environmental laboratory and equipment</b>					
N <sup>o</sup>	Equipment	Purpose	Place to use	Quantity	Photo
1.	Environmental engineering laboratory	~ Conduct environmental related research ~ Space for research students	Laboratory	1	Laboratory photo shown
2.	ORP and pH meter TOAOK IM-22P	~ To measure oxygen redox potential and pH in water sample	Lab and field	2	



3.	EC meter DO meter TOAOK CM-21P DO-31P	~ To measure electro conductivity and dissolved oxygen in water sample	Lab and field	1	
4.	Freeze dryer EYELA FDU-1200	~ Dry environmental sample that involves freezing the product, lowering pressure, then removing the ice by sublimation	Lab	1	
5.	Water Distiller YAMATO WG204	~ Distill water and make ion exchanged water to use laboratory experiment	Lab	1	
6.	Refrigerator SHARP 801	~ Keep environmental samples in minus Celsius	Lab	1	



7.	Fume Hood FH1200 Biobase	~ Conduct environmental analysis with toxic fume	Lab	1	
8.	Portable refrigerator	~ Keep environmental samples in minus Celsius	Field	1	
9.	Drying oven Heraeus	~ Dry environmental samples in plus Celsius	Lab	1	



### Summer camp in Orkhan Valley National Park

The summer camp is located in Orkhan Valley National Park, Kharkhorin soum, Ovorkhangai aimag. Travel time by car is about 5 hours from Ulaanbaatar capital. The camp has ten gers (Mongolian traditional nomadic house) to work and stay. Also, there is a container with training and cooking rooms.

[http://www.mongoliagercamps.net/home/pages/about\\_mongolia ger](http://www.mongoliagercamps.net/home/pages/about_mongolia ger)





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**Terms of use:** Under the cooperation agreements all equipment and facilities for study and research are provided at no charge  
Payment for consumables is a subject to additional agreement on a case-by-case basis  
Payment for food and accommodation at summer camp

**Contact information:** Ochir Altansukh  
National University of Mongolia, Ulaanbaatar, Mongolia  
Mobile: 976-91993096  
E-mail: [altansukh@seas.num.edu.mn](mailto:altansukh@seas.num.edu.mn)