## Andreas Mentzelopoulos Foundation (26 February 2024) Educational Laboratories Equipment (Phase A) -- University of Patras

	School of Natural Sciences	
Geology	Triaxial soil testing apparatus	18.200
	Scintillation Detector (includes a high resolution NaI(TI) crystal,	15.150
2 Physics	photomultiplier). Fully integrated multi-channel analyzer (MCA) for	
	scintillation spectrometry.	
Physics	Networking Switches - Splitters	6.000
Mathematics	Next cloud-based server for educational purposes.	10.450
Biology	LED Panel for plant growth and experimentation	5.000
Biology	Refrigerated centrifuge	4.900
Chemistry	UV/Vis Double-Beam Spectrophotometer	10.000
Chemistry	Benchtop Refrigerated Centrifuge with rotor	5.900
Chemistry	Elemental Analyzer CHNS/O (Instrumental Analysis Laboratory)	30.000
Materials Science	Balance with five digits, Benchtop centrifuge with head	<mark>5.400</mark>
		111.000
	Medical School	
Pharmacy/Comp	PC Systems	2.400
Pharmacy Tech.	Water Bath, Magnetic Stirrer, Oven	7.500
Pharmacy/EMBIA	Table top centrifuge, automatic pipettes	4.000
Pharmacy/Kinetics	Vortex analog isolab, Magnetic stirrer with heating, photometer	2.400
Pharmacogenomics	BENTO LAB DEVICE	2.500
Pharmacy Chem.	HPLC LIQUID CHROMATOGRAPHY SYSTEM	17.500
Molecular Pharm.	COOLED TABLE CENTRIFUGE AND ONE HEAD	7.000
Medical – Physiol.	Cardiograph (portable), nerve stimulator	5.900
Medical- Pharm.	Refrigerator with 2 vertical doors, outlet for water/ice, Vortex standard	4.600
Medic Anatomy	ORTHOMIC MICROSCOPE Olympus /evident	6.150
Microbiol. Lab	SIMPLIAMP THERMAL CYCLER EACH	6.700
Pathology	Demonstration Computer system	6.500
Nuclear Medicine	PROJECTOR	650
Health Lab	Air particle counter	4950
Hematology	Device for blotting protein mini gel	6650
Medical Phys.	GM Probe with Sample-Holder	4950
Bio Chemistry	CO2 Incubator, Air Jacket with disinfection Unit	8000
General Bio	Shaking Incubator for Microbiological Cultures-Multitron	6500
Instrumental pharmac. Anal.	Device for measuring Refractive Index	7150
		112.000
	Engineering	
Electrical	Spectrum Analyzer	8.550
Electrical	DC Power Supply	8.650
Civil Engineering	Two load cells (with amplifiers and digitizers)	6.350
Civil Engineering	Rapid Chloride Permeability Tester	10.500
Comp. Eng.	·	13.400
Chemical Eng.	Gas Chronograph with one TCD and 2 FID detectors	<mark>22.250</mark>
Mechanical Eng.	Balancing Vibrator System	23.100
	Laser Cutter Trotec Rayjet 500 and Plotter	17.200
Architecture	Laser Cutter Trotec Rayjet 500 and Flotter	17.200
	Physics  Mathematics Biology Biology Chemistry Chemistry Chemistry Materials Science  Pharmacy/Comp Pharmacy/EMBIA Pharmacy/Kinetics Pharmacogenomics Pharmacy Chem. Molecular Pharm. Medical – Physiol. Medical- Pharm. Medic Anatomy Microbiol. Lab Pathology Nuclear Medicine Health Lab Hematology Medical Phys. Bio Chemistry General Bio Instrumental pharmac. Anal.  Electrical Electrical Civil Engineering Comp. Eng. Chemical Eng.	Scintillation Detector (includes a high resolution NaI(TI) crystal, photomultiplier). Fully integrated multi-channel analyzer (MCA) for scintillation spectrometry.  Physics Networking Switches - Splitters Mathematics Next cloud-based server for educational purposes.  Biology LED Panel for plant growth and experimentation Biology Refrigerated centrifuge Chemistry UV/Vis Double-Beam Spectrophotometer Chemistry Benchtop Refrigerated Centrifuge with rotor Chemistry Elemental Analyzer CHNS/O (Instrumental Analysis Laboratory) Materials Science Balance with five digits, Benchtop centrifuge with head  Pharmacy/Comp PC Systems Pharmacy/EMBIA Table top centrifuge, automatic pipettes Pharmacy/EMBIA Table top centrifuge, automatic pipettes Pharmacy/Kinetics Vortex analog isolab, Magnetic stirrer with heating, photometer Pharmacy Chem. HPLC LIQUID CHROMATOGRAPHY SYSTEM Molecular Pharm. COOLED TABLE CENTRIFLOG AND ONE HEAD Medical – Physiol. Cardiograph (portable), nerve stimulator Medical- Physiol. Cardiograph (portable), nerve stimulator Medical- Pharm. Refrigerator with 2 vertical doors, outlet for water/ice, Vortex standard Medical- Physiol. SMPLIAMP THERMAL CYCLER EACH Pathology Demonstration Computer system Nuclear Medicine PROJECTOR Health Lab Air particle counter Hematology Demonstration Computer system Nuclear Medicine PROJECTOR Health Lab Air particle counter Hematology Device for blotting protein mini gel Medical Phys. GM Probe with Sample-Holder Bio Chemistry CO2 Incubator, Air Jacket with disinfection Unit General Bio Shaking Incubator for Microbiological Cultures-Multitron Instrumental pharmac. Anal. Device for measuring Refractive Index  Engineering Electrical Spectrum Analyzer Electrical Spectrum Analyzer Comp. Eng. Boards for Machine Learning – Robotic Kit Chemical Eng. Gas Chronograph with one TCD and 2 FID detectors