

Science Labs and Equipment

Science Labs

Anatomy and Physiology Lab	\$183,998
Biology/Science Energy and the Environment	112,574
Biotechnology Lab	176,881
Cell Culture Lab	41,080
Chemistry Lab	101,678
Microbiology Lab	126,860
Sciences Grand Total	\$743,071

FUNDED



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Science Labs and Equipment

Anatomy and Physiology Lab \$183,998

Equipment needed: Somso models: three models for arms and legs; five models each for half head, skull, and heart; six models for kidney; one each for torso, bone, lung, ear, eyeball, and skin; blood and cholesterol test kits; two binocular microscopes; shower/eye wash; two Kodachromes; five sets of tissue slides and trays; six disarticulated and articulated skeletons with stands; 10 dissecting sets; five lymphatic labs; two cadavers and caskets; five two-point discriminators; five eye scopes; three wet Spirometers; works science table and ventilation system

Biology/Science Energy and the Environment \$112,574

Equipment needed: 21 binocular microscopes, four dissecting microscopes, 10 dissection trays and 25 dissection sets, two spectronic spectrophotometers, 25 goggles, 12 mini fuel cells, nine fuel cell fans, nine multimeters, nine variable power supplies, 12 laptops and one laptop cart, support furnishings for 21 students and one instructor, sink cabinet, 18 wall and base cabinets and two Labconco fume hoods, UV cabinet, five soil sampling kits, Magellan 200 CPS unit

Biotechnology Lab \$176,881

Equipment needed: Six binocular microscopes, two microscopes with digital camera, fluorescent microscope, inverted scope, locator cryobiological system, two isotemp dry plate incubators, multiskan microplate reader, gel logic imaging system, UV gel transilluminator, HPLC system, thermal cycler, Revco ultralow freezer and isotemp refrigerator/freezer, hybridization oven, vacuum pump, eight finpipette sets, eight owl gel systems, four microgel electrophoresis, autoclave, water polishing station, two Genesys spec 20, six two-student lab tables, seven three-foot base cabinets, six four-foot base cabinets, Labconco fume hood, network switch, sink with three 14-foot cabinets

Cell Culture Lab \$41,080

Equipment needed: CO2 incubator, isotemp refrigerator/freezer, water bath, two Class II biosafety cabinets, two works science tables, three four-foot base cabinets

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Chemistry Lab \$101,678

Equipment needed: Two carts, 20 Bunsen burners, eight fuel cell science kits, cell power supplies, student response system kit, eight biochem molecular model kit, nine multimeters, deluxe tool kit, gas chromatograph columns/software/training, 16 lockers, 22 chairs, base cabinets, student islands, and one acid cabinet

Microbiology Lab \$126,860

Equipment needed: Six cases of test tube racks 20mm, 24 nine inch Petri dish racks, four carts, five hot plates/stirrers, 18 binocular microscopes, two dissecting microscopes, isotemp refrigerator, five-cubic-foot incubator and oven, steam sterilizer, 19 chairs, 14-foot sliding white board, two eight-foot fume hoods, four fume base cabinets, five student islands, three cabinet sink, one three-foot wall cabinet, four base cabinets, two sink cabinets, instructor desk and an ADA mobile station

Sciences Grand Total \$743,071