

Biomedical Engineering Supply List & Information

COMPUTER INFORMATION & REQUIREMENTS

An incoming student will need a laptop computer for use in class and laboratories. This computer can be MacOS or Windows, with at least 250 Gigabytes of storage, preferably 500 or more and at least 8 Gigabytes of RAM. Since there are applications that require detailed graphical interfaces, the display should be at least 13 inches. Computing power should be equal to standard microprocessors of the last few years. Students will need to install programs for scientific programming, microcontroller interfacing, and 3D solid modeling. Linux use is encouraged, though certain software programs require MacOS or Windows, so in this case partitioned drives are necessary.

CALCULATOR

The Biomedical Engineering curriculum does require a calculator. You will need a scientific calculator for Chemistry, Math, Physics, and Thermodynamics. The TI-30X IIB or the TI-30X IIS calculators are recommended.

Advanced calculators with alpha-numeric I/O capability, the ability to program information ("graphing calculators"), and the ability to solve the quadratic equation will NOT be allowed.

SUPPLIES

It is recommended that you have both mechanical pencils (.5 or .7 mm) and erasers. You will also need an engineering computation pad (quad rule, letter size).

For lab, you will need the following:

(All lab supplies can be purchased from the Duquesne University Barnes and Noble Bookstore).

- Safety goggles
- Lab coat
- "Carbon copy" lab notebook

Duquesne University Computer Store

218 Student Union

Email: computers@duq.edu

Phone: 412-396-5645

www.duq.edu/computerstore

Duquesne University Barnes and Noble

412-434-6626