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### Information for students

Laptops are rapidly becoming a must in all degree programmes. Senior management strongly recommends acquisition of a laptop.

The following contains more information about using a laptop in the various degree programmes, buying a laptop, software, and where to get information.

### Overview of the degree programmes

The following overview indicates planned use of laptops with regard to semesters.

School	Degree programme	Abbreviation	Laptop required as of
A	Architecture	AR	1 <sup>st</sup> semester
A	Civil Engineering	BI	Currently not required
T	Chemistry, Biological Chemistry	CH, CB	1 <sup>st</sup> semester
T	Data Analysis and Process Design	DP	1 <sup>st</sup> semester
T	Electrical Engineering, Mechatronics	ET, MT	1 <sup>st</sup> semester
T	Information Technology	IT	1 <sup>st</sup> semester
T	Communication Systems and Informatics	KI	1 <sup>st</sup> semester
T	Mechanical Engineering	MB	3 <sup>rd</sup> semester
T	Mechanical Engineering Informatics	MI	1 <sup>st</sup> semester
W	Business Administration	BO	1 <sup>st</sup> semester
L	Interpreting	DO	2005
L	Specialized Journalism and Organizational Communication	JO	1 <sup>st</sup> semester
L	Translation	UE	2005

### Purchase

The ZHW and TechShop (student's association shop) have entered into an agreement which enables you to buy laptops from various manufacturers at special student prices ([www.vszhw.ch/techshop/index.htm](http://www.vszhw.ch/techshop/index.htm)). You can access information on current prices, dates of special offers, (in agreement with the Swiss Federal Institute of Technology in Zurich) at the TechShop webpage.

In general, students profit from discounts throughout the year. However, the most generous discounts are the special offers made around the beginning of the semester.

Planned dates for ordering:

IBM: September 1 – 15	Delivery: October 13
October 20 – November 2	Delivery: December 2
Apple: September 22 – November 3	Delivery: At all times

You can access exact information and dates at the TechShop homepage ([www.vszhw.ch/techshop/index.htm](http://www.vszhw.ch/techshop/index.htm)).

Queries may be sent to the mailing address below.

How to contact TechShop:

#### School of Engineering

Technikumstr. 9  
8401 Winterthur  
Tel. 052 212 32 91  
from 11.30 – 12.15

#### School of Management

St. Georgenplatz 2  
8401 Winterthur  
Tel. 052 267 79 99  
from 12.15 – 13.00

e-mail: [techshop@zhwin.ch](mailto:techshop@zhwin.ch)

### Hardware

Unfortunately, it is impossible to make a hardware recommendation that would apply to all degree programmes. Basically, the ZHW recommends a high-performance laptop, considering possible future uses. If you buy the best possible machine, you will avoid having to buy a second laptop during your studies.

The laptops you can buy in the TechShop fulfil our requirements. You will also receive advice there on the best model for your needs.

### Software required

You will normally require the Microsoft XP operating system for use at school. You will obtain a licence for XP, which must be installed as your standard operating system, when you buy your laptop.

The following software packages are required for most degree programmes and can be obtained for free at the ZHW:

Type	Program	Version	Language
Operating system	Windows	XP	German
Operating system	Service Pack		German
Operating system	Internet Explorer	6	German
Operating system	ZHW fonts		
Office	MS Access	XP	German
Office	MS Excel	XP	German
Office	MS Frontpage	XP	German
Office	MS Outlook	XP	German
Office	MS PowerPoint	XP	German
Office	MS Word	XP	German
Office	MS Office Service Pack		German
Graphics	Visio Standard	2002	German
Tools	Acrobat Reader	5	German
Tools	Citrix ICA	4.21	English
Tools	SFTP Client SSH	2.4	English
	Secure Shell		
Tools	WS FTP LE	5.06	English
Tools	VPN Client	xx	

We expect you to have an up-to-date anti-virus program installed on your laptop and that you will update it regularly. If you did not have an anti-virus program installed on your laptop when you bought it, or did not receive a licence for one, we recommend AntiVir, which you can download from the Internet at [www.antivir.de](http://www.antivir.de) free of charge, and continuously update.

We will provide you with all software packages required for the individual degree programmes, here at the university, and will inform you about costs when you start your studies.

**Access to the ZHW network**

Virtual private network access (VPN) to our network will be provided to you at the beginning of the semester. This means that you will have the same facilities and network access when you are travelling, or from your home, as when you connect to our network here at the ZHW campus.

In addition, certain sites and classrooms are equipped with wireless network access. We will support the current standards (802.11a/b/g).

ZHW

Guido Reumer

Head of IT Services

Project leader: Laptop Use

Bitte Beilagen hier eintragen oder das Feld löschen