

IT Requirements

Technical recommendations, use of anti-virus, Browsers settings and related issues and OCR SW.

Moodle system requirements on the Users side are:

- a modern Browser,
- a Personal Computer that can run it (>= 200+Mhz), a Tabled or Mobile (iOS or Android),
- an Internet connection.

Technical recommendations (minimums):

Note: We recommend **keeping all your software updated.**
Moodle, like most of the world's web sites and browser producers, encourages you to keep your browsers current to improve security and functionality.

Hardware	Requirements
RAM	512 MB recommended or better
Internet connection (wide band)	56k V.90 modem, DSL or better
Video	SVGA monitor Resolution 1024X768 recommended or greater
Image and sound (*)	Webcam, sound card, speakers or headphones and microphone

OS	Browser
Windows 98, ME, NT, 4.0, 2000, 2003 XP-SP3 (recommended) or Vista	Desktop: <ul style="list-style-type: none"> • Chrome • Firefox • Safari • Edge • Internet Explorer Mobile: <ul style="list-style-type: none"> • MobileSafari • Google Chrome For security reasons, keep your Browser up to date: https://whatbrowser.org
Mac OS X 9, 10.3, 10.4 or 10.5 (or Intel-based Macs)	
	With compatibility with moodle 3.5: <ul style="list-style-type: none"> • Internet Explorer 10 and below • Safari 7 and below Firefox (recommended)

(*) **Multimedia Software** required.

For more info about **Multimedia Plugins and Players** go to
http://docs.moodle.org/en/Multimedia_plugins#Required_Software

Moodle prepares media files to be played in the Browser but the actual playback is handled by various types of Browser plug-in software, primarily **Acrobat Reader, Adobe Flash, Java, Quicktime, Windows Media Player and Real Player**.

If users do not have these installed they may be prompted by their Browser to install them. This software is generally free, easily installed (only once) and widely used.

Other Software information:

1. Anti-virus

Use, **at all times**, an updated version of an anti-virus software to help protect you from uploading or downloading files that contain viruses.

2. Browsers

You can use any Browser to access Moodle; keep your Browser up-to-date; **Firefox** is recommended.

Reported issues:

- **Opera** does not show the build-in html editor.
- **Chrome** does not show the build-in html editor.
- **Safari** does not show the build-in html editor; many Moodle features are incompatible with this Browser, like for example the Chat tool; the version 4.0.3 (for Macs) doesn't have the text editor available for all instances; use Firefox instead.

If you are running **MacOS 9** and have problems with your "Courses theme" and don't know how to fix them, switch to **Mozilla Firefox**.

2.1 Cookies must be enabled (Browser settings).

Two cookies are used in Moodle:

- **Moodle Session** - it guarantees and maintains your Login from page to page. When you Logout this cookie is destroyed;
- **MOODLEID** - it is used for convenience only. It remembers your Username within the Browser and, if you refuse this cookie, every time you return to moodle you will have to retype your username to log in.

How to enable cookies?

Use a search engine to find "enable cookies"; find the right information for the version of your own Browser.

2.2 Javascript must be enabled (Browser settings).

2.3 SW that should be installed for full functionality within the moodle site:

- Sun Java Runtime Environment (JRE). JRE v.1.4.2.x, JRE 1.5.x, JRE 1.6.x (**recommended**) are supported and are required for Wimba (**voice tools**).

2.4 Pop-up configuration

If moodle Courses use pop-up windows, you will need to disable pop-up blockers in your Browser.

How to configure the Browser to allow Pop-ups?

Firefox

1. Select **Tools > Options**.
2. Click the **Content** tab.
3. If **Block pop-up windows** is checked, then click the **Exceptions** button near it.
4. Type "elearning.fe.unl.pt".
5. Click **Allow, Close** and **OK**.

Internet Explorer's Built-In Pop-up Blocker

1. **Tools > Pop-up Blocker**. Then you can either **Turn Off the Pop-up Blocker** or move on to the settings that follow.
2. Select **Pop-up Blocker Settings**.
3. The **Address of Web site to allow**, is "https://elearning.fe.unl.pt"
4. Click **Add** and **Close**.
5. Restart Internet Explorer.

Netscape 7.1 or 7.2

1. Select **Popup Windows**.
 2. Either uncheck **Block unrequested sites** or follow the steps below.
 3. Click the **Allowed Sites** button.
 4. Enter "elearning.fe.unl.pt" in the text field.
 5. Click **Add**, **OK**, and select **OK**.
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3. OCR software

This software can be used to scan articles **as text**, not images, to make them smaller and gain in file size for uploading – ex. "OmniPage Pro".

Note: you may need additional hardware, software or Browser plug-ins, depending on the streaming media, interactive multimedia or other contents used and posted in the individual Courses.

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