

### Banner by Ellucian, Java, and Supported Browser Updates

Jackson State University

**Banner Support Services** 

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V7.0

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### Java Versions and Internet Native Banner

#### Ellucian Support of Java as of August 2016

Java 8 is currently the supported and the recommended version for those using Banner. Oracle continues to support Java 7 and provides patches when needed.

Java 8 is currently supported for any of the Banner products.

#### How to Manually Uninstall Java for Windows 7 and 8.1

You can uninstall older versions of Java manually in the same way as you would uninstall any other software from your Windows computer.

Note: Older versions of Java may appear in the program list as J2SE, Java 2, Java SE or Java Runtime Environment.

You may need administrator privileges to remove programs. Contact Desktop Support if you need assistance.

#### Windows 8 - Uninstall Programs

- 1. Right-click on the screen at bottom-left corner and choose the **Control Panel** from the pop-up menu.
- 2. When the Control Panel appears, choose **Uninstall a Program** from the Programs category.
- 3. Select the program to uninstall and then click its **Uninstall** button.
- 4. Click **Yes** to confirm the program uninstall.

#### Windows 7 and Vista - Uninstall Programs

- 1. Click Start
- 2. Select Control Panel
- 3. Select **Programs**
- 4. Click Programs and Features
- 5. Select the program you want to uninstall by clicking on it, and then click the **Uninstall** button.

#### Windows XP - Uninstall Programs

- 1. Click Start
- 2. Select Control Panel
- 3. Click the Add/Remove Programs control panel icon
- 4. The Add/Remove control panel displays a list of software on your system, including any Java software products that are on your computer. Select any that you want to uninstall by clicking on it, and then click the **Remove** button.

#### Downloading Java for Windows 7 and 8.1

It is recommended that before you proceed with online installation, you may want to disable your Internet firewall. In some cases the default firewall settings are set to reject all automatic or online installations such as the Java online installation. If the firewall is not configured appropriately, it may stall the download/install operation of Java under certain conditions. Refer to your specific Internet firewall manual for instructions on how to disable your Internet Firewall Contact Desktop Support.

Go to the page: http://www.java.com/en/download/win8.jsp

- 1. Click on Windows Online
- 2. The File Download dialog box appears prompting you to run or save the download file
  - To run the installer, click **Run**.
  - To save the file for later installation, click Save.
     Choose the folder location and save the file to your local system.
     Tip: Save the file to a known location on your computer, for example, to your desktop.
  - Double-click on the saved file to start the installation process.

The installation process will start.

3. Click the **Install** button to accept the license terms and to continue with the installation.

Oracle has partnered with companies that offer various products. The installer may present you with an option to install these programs when you install Java.

CHALLE	
Welco	ome to Java
Java provides safe and secure acc From business solutions to helpful internet expe	ess to the world of amazing Java content. utilities and entertainment, Java makes your rrience come to life.
Note: No personal information <u>Click here</u> for more info	is gathered as part of our install process. rmation on what we do collect.
Click Install to accept the licer	nse agreement and install Java now.
Change destination folder	Consel lectella

- 4. After ensuring the desired programs are selected, click the **Next** button to continue the installation.
- 5. A few brief dialogs confirm the last steps of the installation process; click **Close** on the last dialog. This will complete the Java installation process.





Note: After clicking the button, the Java detection app will ask for permission to run. Click Run to allow the application to

continue.

If you recently completed your Java software installation, **restart your browser** (close all browser windows and re-open) to enable the newly installed Java version in the browser. Javascript must also be enabled.

After updating your Java version, if you are unable to get into Banner, you can perform the following:

- 1. Go to the **Control Panel**
- 2. Double click on the **Java icon**
- 3. Click on the Security Tab
- 4. Drag the scroll bar to the "Low" setting.
- 5. Click Apply
- 6. Click OK
- 7. Restart your browser and try to log into Banner.

neral Update Java Security Adva	anced	
Enable Java content in the browser		
Security Level		
Security Level		
	- Very High	
	- High (minimum recommended)	
	- Medium	
Least secure setting - All Java applic	ations will be allowed to run after press	enting a security prompt.
xception Site List		
Applications launched from the sites	listed below will be allowed to run after	the appropriate security
prompts.		
https://ellucian.securelink.com	*	
https://datatel.securelink.com	-	Edit Site List
http://rocalpoint.eliucian.com		
	Restore Security Promots	Manage Certificates
		Cancel Apply

You can also verify the Java content is enabled in the browser by adding to the exception site list.

- Click on the Security Tab in Java
- 2. Click on Edit site list
- 3. Add the Banner URLs in the entries table (below).

	Location			
	https://ellucian.securelink.com			] ^
	https://datatel.securelink.com			
L	http://focalpoint.ellucian.com			
	http://focalpoint.ellucian.com/fp/servlet/Login			
	https://fna.ellucian.com/irj/portal			
	https://fna.ellucian.com			
	https://malironm1.corp.sct.com			
_	https://malironm1.ellucian.com			1-
		Add	Remov	e
L	FILE and HTTP protocols are considered a security risk.			

### **For Windows Users**

Go to the Control Panel. Find View by: in the far right corner of the Adjust your computer's setting. If anything is displayed other than large icons click the drop down arrow and select large icons.



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- 1. Locate the Java icon and click the icon.
- 2. Select the Advanced tab. ----

eneral Updat	e Java	Security	Advanced				
About							
View version in	nformation	about Java	a Control Pan	el.			
							About
Network Settin	ngs						
Network settir	ngs are use	d when ma	aking Internet	t connections. E	By default, Jan	va will use	e the network
secongs in you	a web brou	vser. only	auvariced us	ers snoulu moa	iny triese sett	Network	Settings
Tomporary Ini	arnat Eilar					Lection	occurgon
remporary tri	terrietries	1					o-h-
Eiles warden i	- 1	line blama an	an abased in a	an a sint folder f		Inch Later	
Files you use i advanced use	n Java app rs should d	elete files o	re stored in a or modify the	special folder f se settings.	or quick exect	10011 later	. Only
Files you use i advanced use	n Java app rs should d	lications ar lelete files o	re stored in a or modify the	special folder f se settings.	Settings		View
Files you use i advanced use Java in the bro	n Java app rs should d owser is er	lications ar lelete files o nabled.	re stored in a or modify the	special folder f se settings.	or quick exec.		View
Files you use i advanced use Java in the bro See the Secur	n Java app rs should d owser is en ity tab	lications ar lelete files o nabled.	re stored in a or modify the	special folder f se settings.	Settings		View
Files you use i advanced use Java in the bro See the Secur	n Java app rs should d owser is en ity tab	ilications ar lelete files o nabled.	re stored in a or modify the	special folder f se settings.	or quick exect		<u>V</u> iew
Files you use i advanced use Java in the bro See the Secur	n Java app rs should d owser is en ity tab	ilications ar elete files o nabled.	re stored in a or modify the	special folder f se settings.	<u>S</u> ettings		<u>V</u> iew
Files you use i advanced use Java in the br See the Secur	n Java app rs should d owser is en ity tab	vlications ar elete files o nabled.	re stored in a or modify the	special folder f	Settings		View
Files you use i advanced use Java in the bro See the Secur	n Java app rs should d owser is en ity tab	viications ar elete files o nabled.	re stored in a or modify the	special folder f	Settings		View
Files you use i advanced use Java in the br See the Secur	n Java app rs should d owser is en ity tab	lications ar lelete files o labled.	re stored in a or modify the	special folder f	Settings		View
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Files you use i advanced use Java in the bri See the Secur	n Java app rs should d owser is er ity tab	lications ar lelete files o	re stored in a or modify the	special folder f	Settings		View
Files you use i advanced use Java in the br See the Secur	n Java app rs should d owser is en ity tab	lications ar	re stored in a or modify the	special folder f se settings.	Settings		<u>V</u> iew

- 3. Scroll to Advanced Security Settings.
  - Uncheck "Use SSL 2.0 compatible ClientHello format".
  - Check "Use TLS 1.0"
  - UnCheck "Use TLS 1.1"
  - UnCheck "Use TLS 1.2"
  - Close and relaunch your browser.



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### **Java Control Panel for Mac**

 Click on Apple icon on upper left of screen.



- 2. Go to System Preferences
- 3. Click on the **Java icon** to access the Java Control Panel.



4. Select the **Advanced Tab** and locate the **Advanced Security Settings**.

	Java Control Pañel
Gene	eral Update Java Security Advanced
About	
/iew version in	nformation about Java Control Panel.
	About
Network Settin	igs
Network settin Jefault, Java w advanced user:	gs are used when making Internet connections. By ill use the network settings in your web browser. Only s should modify these settings.
	Network Settings
Temporary Inte	ernet Files
files you use in quick executio nodify these s	n Java applications are stored in a special folder for on later. Only advanced users should delete files or ettings.
Files you use in quick executio modify these s	n Java applications are stored in a special folder for on later. Only advanced users should delete files or ettings. Settings View
Files you use in quick executio modify these s ava in the brow	n Java applications are stored in a special folder for on later. Only advanced users should delete files or ettings. Settings View wser is enabled. See the Security tab
Files you use in quick executio modify these s ava in the brow	n Java applications are stored in a special folder for on later. Only advanced users should delete files or ettings. Settings View wser is enabled. See the Security tab

- Uncheck "Use SSL 2.0 compatible ClientHello format".
- Check "Use TLS 1.0"
- UnCheck "Use TLS 1.1"
- UnCheck "Use TLS 1.2"
- Click Apply
- Close and re-launch your browser.

	General	Update	Java	Security	Advanced	
Check for s	ianed code certi	ficate revo	cation u	usina		
O Certi	ficate Revocatio	n Lists (CR	Ls)			
Onlin	e Certificate Sta	atus Protoc	ol (OCS	P)		
Both	CRLs and OCSP					
Perform TLS	certificate revo	cation che	cks on			
◯ Serve	r certificate onl	y				
• All ce	ertificates in the	chain of t	rust			
O Do n	ot check (not re	commende	ed)			
Check for T	LS certificate re	vocation u	sing			
🔘 Certi	ficate Revocatio	n Lists (CR	Ls)			
🔘 Onlir	e Certificate Sta	atus Protoc	ol (OCS	P)		
<ul> <li>Both</li> </ul>	CRLs and OCSP					
Advanced 5	ecurity Settings					
🗹 Use d	ertificates and	keys in bro	wser ke	ystore		
🗹 Enab	le blacklist revo	cution che	ck			
🗹 Enab	le caching pass	word for a	uthentic	ation		
🕞 Use S	SL 2.0 compatil	ble ClientH	lello for	mat		
🗹 Use 1	TLS 1.0	<b>\</b>				
🗹 Use 1	TLS 1.1					
🗹 Use 1	TLS 1.2					
Miscellaneo	us					
Place	Java icon in sys	stem t ay				
🗹 Supp	ress sponsor of	fers when	installin	g or updati	ng Java	
						1
				OK	Cancel	Annh

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### **Compatible Browsers**

If you have a Windows 10 PC and encounter any difficulties using the new Microsoft Edge browser with Banner INB, Banner Self-Service, or Blackboard, please use the Internet Explorer 11 (IE11) browser instead. The IE11 browser does come installed on Windows 10 machines. Here is an easy way to find and launch it:

- 1. Right-click the "Start" button at the bottom left of your desktop and select "Search."
- 2. Search for "Internet Explorer."
- 3. In the search results, right-click on "Internet Explorer" and select "Pin to Start" and/or "Pin to Taskbar."
- 4. IE 11 will now be pinned to your Start menu and/or your Taskbar, making it easy to find and use.
- 5. Click on "Internet Explorer" to launch the browser.

Browser	os	Support Begins	Support Ends	Notes & Exceptions
Internet Explorer 7 8	Windows	Not Supported		All Ellucian solutions have discontinued support for IE7 as 12/31/2013.
Explorer 7, 0		Capported		All Ellucian solutions have discontinued support for IE7 as 12/31/2013.
Internet 9, 10	Windows	Currently	December	All Ellucian solutions are in an active period for IE9 and IE10 due to Microsoft's End of Support
		Supported	2016	announcement from January 2016. All Ellucian solutions will discontinue support of IE9 after 12/31/2016.
Internet 11	Windows	Currently		All Ellucian solutions supported except: Luminis Platform 4. Minimum release LP 5 required for IE 10 and
		Supported		higher support.
Microsoft	Windows	Currently		All Ellucian solutions are supported except Banner 8.x INB will not be supported in MS Edge. Banner 8.x
Edge	10	Supported		SSB support for Edge is dependent upon Oracle Weblogic 12c support.
Firefox	Windows	Currently		Ellucian makes every attempt to support the latest browsers with the latest releases of our products.
	Mac OS	Supported		Firefox and Chrome support may be limited to the current version and one back for most products except
				where noted in the documentation. Due to NPAPI plugin dependencies.

### **Additional information**

- You can also navigate to Internet Explorer 11 by going to Start/run and then run *iexplore*.
- Microsoft Edge is also the default web browser on Windows 10 machines, so you may wish to change your default from Edge to IE11.
- Microsoft Edge is currently only available for Windows 10, not for any older Windows operating systems.

### **URLs for Banner Environments**

- Banner Splash Page https://inb-prod.ec.jsums.edu/
- **PROD (Production)** https://inb-prod.ec.jsums.edu/forms/frmservlet?config=PROD
- PPRD (Pre-Production) https://inb-dev.ec.jsums.edu/forms/frmservlet?config=PPRD
- TEST (Test) https://inb-dev.ec.jsums.edu/forms/frmservlet?config=TEST
- TRNG (Training) https://inb-dev.ec.jsums.edu/forms/frmservlet?config=TRNG

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