Macmillan Higher Education Integration
Blackboard Learn 9.1
Administrator’s Guide
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About Macmillan Higher Education Integration

About Macmillan Higher Education

Macmillan Higher Education publishes both print and digital course materials in over 17 discipline areas in the United States and Canada, and is known for high quality content, innovative pedagogy and award winning design. Macmillan Higher Education’s academic imprints include Bedford/St. Martin’s, W.H. Freeman, Worth Publishers, and Hayden-McNeil. Macmillan Higher Education is a part of the global Macmillan Science & Education Division that also includes Macmillan New Ventures, Nature Publishing Group, Macmillan Education, Palgrave Macmillan, Digital Science and Digital Education. Macmillan Science and Education is a part of Verlagsgruppe Georg von Holtzbrinck, GMBH, a global media company based in Stuttgart, Germany.

About Macmillan Higher Education Integration

The Macmillan Higher Education Integration provides seamless access to Macmillan Portal and Class content within the Blackboard Learn platform. Key functionality includes single sign-on between the two systems, deep linking capability to all Macmillan content at the chapter and asset level, and automated gradebook refresh. Macmillan’s high-quality content and course resources together with Blackboard Learn tools increase student engagement through asynchronous interaction and communication. And, with all course resources and grades in one place, instructors and students can enjoy an integrated online teaching and learning experience.

The Macmillan Higher Education Integration is available through Blackboard’s Partner Cloud and is configured through the Partner Cloud Building Block. This Building Block allows institution-level settings and data to be stored and served from a central location. Data sharing and storage is limited to institutional information and encrypted unique identifiers, and sensitive student information is not shared between Blackboard and Macmillan or stored in the Partner Cloud.

About the Partner Cloud

Leveraging the larger Blackboard Cloud infrastructure, the Partner Cloud allows institutions to access state-of-the-art, high quality educational content from multiples vendors within the Blackboard Learn platform through a single Building Block.

The Partner Cloud Building Block offers a single registration and activation process for content partner integrations. With this Building Block, system administrators will have access to the full content inventory available through the Partner Cloud and can efficiently control and manage what commercial content is visible through Blackboard Learn. This new distribution vehicle eliminates the cumbersome process of managing old and new versions of building blocks while also providing customers with access to new features and product improvements more quickly.

In moving to this streamlined technology, Blackboard will continue to incorporate best practices and deploy consistent and native Blackboard Learn workflows for all partner integrations, including:

- Single sign-on provides instructors and students with the convenience of one login for all course resources.
• Automated gradebook refresh ensures all assignment grades appear in the Blackboard Grade Center, saving instructors’ time.
• Compliance with student data privacy laws, such as the Family Educational Rights and Privacy Act (FERPA), ensures sensitive student information remains protected and secure.

About Academic Materials

Blackboard has launched a new resource that further simplifies the teaching and learning experience by introducing direct access to publisher store websites from within Blackboard Learn. Students can purchase their textbooks and other academic materials directly from within Blackboard by using tools that allow them to filter for their courses and associated academic content. With this new feature available in Blackboard Learn, you can ensure that more students will have easy access to required content exactly when they need it and at the best market price. Increase student success today with improved and convenient access to assigned content.
**Glossary**

The following table summarizes some important concepts used in this document:

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content Area</td>
<td>A content area is a content structure within a Course that is often linked to from the Course menu and organizes course folders, items, and other materials into logical groupings.</td>
</tr>
<tr>
<td>Building Block</td>
<td>A Building Block is an application module that extends the functionality of the Blackboard Learn platform.</td>
</tr>
<tr>
<td>System Admin Panel</td>
<td>This is the tab visible only to system administrators that contains a collection of links to tools targeted to the administration of the Blackboard Learn platform.</td>
</tr>
</tbody>
</table>
Configuring the Partner Cloud Building Block

For the latest details on the Partner Cloud Building Block including the latest feature updates, configuration steps, supported versions and all technical considerations, please reference the latest Partner Cloud Building Block Admin Guide and Release Notes on Behind the Blackboard.

Configuring Macmillan Higher Education Integration

The following steps can be taken to configure Macmillan:

1. From the Administrator Panel, locate the Cloud Management module and select the Partner Cloud Settings option

2. Locate the Configure and Activate Partners Available Through the Partner Cloud section and the Partner option. Select Settings in the contextual menu. This will direct you to the configuration page.

Each partner listed may have 1 or more the following options in the contextual menu:

- **Settings** to access the Material Provider configuration. Material Providers allow adding content access within a Learn course. Once configured as a Material Provider, the partner may be made available through the Material Provider column within this section.
- **Academic Materials Settings** to access the ability for students to access Material Purchases. When enabled, students are able to access the publisher store through the Academic Materials tool. Once configured for Material Purchases, the partner may be made available through the Material Purchases column within this section.

- **Create Module(s)** to access configuration of 1 of more of the partner's modules.

3. Locate **Macmillan Higher Education**.

4. Select **Settings**, the Partner-Specific Setting page is launched.

5. To register the Macmillan Higher Education integration, locate the partner configuration section.

   NOTE: If Blackboard Cloud Profiles are enabled, and the Administrator has not yet set up their profile, they will be prompted to complete the setup before continuing. See the Blackboard Help site for **Information on Configuring Profiles**.

6. In the Macmillan Higher Education Configuration page, options are set to specify how the specific Macmillan Higher Education links are launched.

   The option to open the Macmillan Higher Education links in new window determines if the Macmillan Higher Education content will always open in the Blackboard Learn window.

7. The **Share User Information** option specifies how information should be shared between the Blackboard Learn and Macmillan Higher Education servers.
Yes indicates that user information will be shared with Macmillan Higher Education. This includes the user first name, last name and email address.

No indicates user information will not be shared with Macmillan Higher Education.

User Choice indicates that each individual user will be prompted to decide how their information should be sent upon their first launch of any Macmillan Higher Education link.

Default from Building Block indicates that the Building Block option will be used.

8. The Share Course Information option specifies how course information should be shared between the Blackboard Learn and partner servers.

![Share Course Information](image)

Yes indicates that course information will be shared with Macmillan Higher Education.

No indicates course information will not be shared with Macmillan Higher Education.

Default from Building Block indicates that the Building Block option will be used.

9. The option to Share Extended User and Course Information allows extending any existing Learn SIS Integration metadata to a trusted Partner. This provides partners additional course and user information. This option is partner-specific. Macmillan Higher Education does not support the extended data. Therefore, the option will default to No and appear as non-editable.

![Share Extended User and Course Information](image)

10. The option to Accept Grade Notifications from Macmillan Higher Education specifies whether to accept scores for the Blackboard Learn Grade Center. NOTE: It's important to ensure that the Partner Cloud Building Block option for Scheduled Grade Update Frequency is not set to Never. If the value is set to Never, then grades will not be updated for the Macmillan integration.

![Accept Grade Notifications](image)
11. If Multiple Institution support is enabled in the Partner Cloud Building Block settings (Support Multiple Institutions: Yes), availability of the partner can be defined by specific institution. If multiple institution support is disabled, this option will not display. The option for **Specific Institutions** allows extending any multi-institution configuration which will allow only a subset of applicable courses to access the partner integration. Once **Yes** is selected, **Available Institution Identifies** may be moved to the **Selected Institution Identifiers** list. The **Selected** list will receive access to the Macmillan Higher Education integration. Additional information is available on Behind the Blackboard for: **Multi-Institution for Partner Cloud**.

NOTE: Once **Yes** is selected, at least one Institution Identifier must be selected.

![Image of interface for enabling Macmillan Higher Education for specific institutions](image)

12. The option for **custom parameters** allows for additional information to be passed to the partner if custom parameters are required by the partner for your institution. The Macmillan Higher Education integration does not currently require any custom parameters.

![Image of interface for adding custom parameters](image)

13. Select **Submit** to save all changes.

14. Upon submission, the registration process will occur and the **Registration Status** will be updated to indicate either a successful or failed registration.
15. Upon a successful registration, the partner integration can be made available to the instructor by returning to the Configure Partner Cloud.

Locate the Configure and Activate Partners section and the desired partner option. Within the columns Content and Tools and Material Provider, the partner may be made available by toggling the option to ON.

16. For partners that provide the Academic Materials Settings, Materials Purchase options may be enabled. Selecting the Academic Materials Settings will launch the partner-specific settings for purchasing options.
The option to **allow student to purchase course materials** from the partner allows the system administrator to control visibility for individual partners within the *Academic Materials* Tools.

The option to allow a partner to **contribute course materials to the Academic Materials** area allows students to view updated material and price information from the partner in the Academic Material view.

The option for enable the partner **for specific institutions on this Blackboard Installation** allows configuring visibility of the individual partner within the *Academic Materials* Tools by values Institutional Identifiers within the Learn site institutional hierarchy.


17. For those partners that provide the **Create Module(s)** option, selecting this will simply create each module specific to the selected partner. Upon creation, a success message will appear at the top of the Partner Cloud Settings page.
The module(s) will be set to available by default, but will not be added to any system page or course page. Module availability and properties can be updated under 'Tabs and Modules' on the Administrator Panel. Note: The Macmillan Higher Education Integration does not currently support the partner specific module(s). See additional details in the section Configuring a Partner-Specific Module in the latest Partner Cloud Building Block Admin Guide and Release Notes on Behind the Blackboard.

Removing Access to Macmillan Higher Education

1. From the Administrator Panel, locate the Cloud Management module and select the Partner Cloud Settings option

2. Locate the Configure and Activate Partners section and Macmillan Higher Education. Within the Material Provider column, the option can be toggled between ON and OFF for availability. Selecting OFF will disable the partner integration.

3. Click Submit

Instructor Macmillan Higher Education Integration Usage

Once the Partner Cloud Building Block is available and partners configured, instructors will have the ability to add partner content within a course.

1. Using the course menu, instructors should navigate to a content area in which they wish to add a partner content item.

2. Instructors should select the Partner Content option and click on Content Market.
3. The **Content Market** page will launch allowing the instructor to pick the appropriate partner content.

**Associated Partners** will display partners already associated to the course.
4. After selecting the desired partner, instructors will be prompted in two different ways:

   NOTE: If Blackboard Cloud Profiles are enabled, and the instructor has not yet set up their profile, they will be prompted to complete the setup before continuing. Information on configuring Profiles can be found on the Blackboard Help site.

   a. Upon the first launch to a partner system from the selected Blackboard Learn course, the instructor will be prompted to register. Registrations will vary by partner.

   b. After the registration process is complete, subsequent visits to add partner content will take the instructor directly to the partner content selection page:
Accessing Macmillan Higher Education Items and Tools

Instructors will also have the ability to access the Partner tools within a course. Tools are listed alphabetically.

1. Select **Tools**. Select **Content Market Tools**.

2. Select the appropriate partner option.
3. Partner-specific tools are displayed:
## Information Transmission Summary

<table>
<thead>
<tr>
<th>Category</th>
<th>Sent to Macmillan Higher Education</th>
<th>Received from Macmillan Higher Education</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>User Information</strong></td>
<td>Bb profile ID</td>
<td>Account ID of the associated Macmillan Higher Education account</td>
</tr>
<tr>
<td></td>
<td>User IMS context role</td>
<td>This information is always transmitted to Blackboard secured with OAuth and is only available to the student himself and the course instructor. Whether this information is presented over SSL is dictated by the local configuration of Blackboard Learn.</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> First name, last name, and email address to enhance the user experience. These are not sent by default. The user or the institution’s system administrator must choose to send this information. This information is sent when a user clicks on links to Macmillan Higher Education. The SSL status of these links matches exactly that of the page where the link was placed. Please note that not all Macmillan Higher Education sites support SSL throughout; the browsing experience may drop to plain HTTP at some points while visiting Macmillan Higher Education.</td>
<td></td>
</tr>
<tr>
<td><strong>Course Information</strong></td>
<td>Encrypted version of the context id (external course key) Macmillan Higher Education does not have the ability to decrypt these identifiers.</td>
<td>Section ID, section status and domain ID of the associated Macmillan Higher Education section</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> Course ID and course name to enhance the student experience. This information is sent when a user clicks on links to Macmillan Higher Education. The SSL status of these links matches exactly that of the page where the link was placed.</td>
<td></td>
</tr>
<tr>
<td><strong>Enrollment Information</strong></td>
<td>None</td>
<td>Macmillan Higher Education user ID, course ID, master class ID, class status, IMS context role</td>
</tr>
<tr>
<td>Macmillan Higher Education Content (assignments, chapters, etc)</td>
<td>Resource ID (unique identifier for Macmillan Higher Education resource in Blackboard)</td>
<td>Metadata about available content (title, due date, etc.)</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td>This information is always transmitted to Blackboard secured with OAuth and is only available to the student himself and the course instructor. Whether this information is presented over SSL is dictated by the local configuration of Blackboard Learn.</td>
<td></td>
</tr>
</tbody>
</table>

| Scores | None | Score information is always pulled into Blackboard Learn from Macmillan Higher Education secured with OAuth. Even if the grade notifications (push) option is selected, only a message with no user, course or score information is pushed to the local Blackboard Learn instance to pull grades from Macmillan Higher Education. The information transmitted only uses the encrypted identifiers for user and course and cannot be directly traced back to an individual student even if intercepted. This information is only visible in the grade center. Whether this information is presented over SSL is dictated by the local configuration of Blackboard Learn. |
Cookies and Privacy Information

For more information about privacy in Blackboard Learn, visit: Blackboard Privacy Center

For more information about privacy in the Macmillan platform, visit: Macmillan Higher Education Privacy Policy

The Macmillan Higher Education Integration does not use any additional cookies beyond the ones provided in the links above.

Partner Cloud Support

When entering a Behind the Blackboard ticket for issues found with the integration, it is important to designate the Issue Topic as Building Blocks/Extensions, the Functional Area as Partner Cloud and the Category as the specific partner integration.