

# Drupal - Special Role: Course listings in Drupal

Last Modified on 11/05/2025 11:38 am EST

## Course Listings Page

Bryn Mawr course listings are automated from Bionic. This data feeds the Bryn Mawr website, *Undergraduate Course Catalog*, and the *Tri-Co Course Guide*.

Please send corrections or updates to Bryn Mawr course listings to [registrar@brynmawr.edu](mailto:registrar@brynmawr.edu).

## Course Editor Role

Some users have a special role called *Course Editor* that gives them the ability to create and edit course and program description pages within their group. If you do not have the *Course Editor* role, please reach out to Communications [communications@brynmawr.edu](mailto:communications@brynmawr.edu) to update your course pages and/or get appropriate training to become a *Course Editor* yourself.

*NOTE: Though the typical practice is that Communications will create the course and program description pages, the course editor role does allow you to create those pages yourself. Always consult with Communications [communications@brynmawr.edu](mailto:communications@brynmawr.edu) before creating a new Course page*

## Creating Course Pages

Go to your **Group Management** screen for the department in which you need to add a Course page and select Course from the "Add Content to.." right sidebar. In this example, we are in the Biology department's Group Management screen.

Add content to *Biology*

Courses

News

Basic page

This will take you to the **Create Course** screen.

Generally, you would only need to use this for a new course, which is not a frequent task.

The Courses content type has two tabs at the top One that shows the Content. This tab is for optional additions to the Course listing.

## Add Group: Group node (Courses)

[Home](#) » [Biology](#) » [Add new content](#)

Title \*

Content

Course Code \*

### Pre-Content

Paragraph ▾ Styles ▾ **B** *I*  $\times^2$   $\times_2$   $\Omega$      ▾    ▾     ▾    Choose lang... ▾ 

CTA

ORDER

Add Callout to CTA

### Post-Content

Paragraph ▾ Styles ▾ **B** *I*  $\times^2$   $\times_2$   $\Omega$      ▾    ▾     ▾    Choose lang... ▾ 

SOCIAL MEDIA CALLOUT

ORDER

Add Social Media: Callout to Social Media Callout

☒ Publish

Save

And one that shows the Course Code information. This tab contains required content, as you can see by the red asterisk.

## Add Group: Group node (Courses)

[Home](#) » [Biology](#) » [Add new content](#)

Title \*

Content

Course Code \*

[Show row weights](#)

**CODE \***

Course Code

Collapse































**CODE TYPE AND CODE \***

Code Type \*

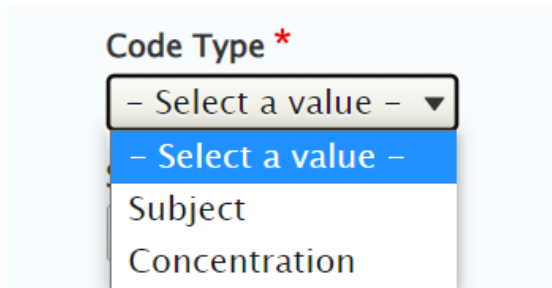
- Select a value -

Label Override

Description

Paragraph ▾ Styles ▾ **B** *I*  $\times^2$   $\times_2$   $\Omega$                                  

To add a **Course Code** to a **Course page**, you would need to select a **Course Type** from the dropdown in the Course Code tab.



If you choose *Subject* you will see these choices pop in.

A screenshot of a web application interface. At the top, there are two tabs: "Content" and "Course Code \*", with "Course Code \*" being the active tab. Below the tabs, there is a section titled "CODE \*" with a "Show row weights" link and a vertical ellipsis menu. Underneath this is a "Course Code" section with a "Collapse" button and another vertical ellipsis menu. Inside the "Course Code" section, there is a sub-section titled "CODE TYPE AND CODE \*". Within this sub-section, there is a "Code Type \*" dropdown menu with "Subject" selected. Below this, there is a "SUBJECT CODE" section with a "Show row weights" link. At the bottom of the "SUBJECT CODE" section, there is a plus icon, a "- None -" dropdown menu, a "Remove" button, and an "Add another item" button.

you would then select a **Subject Code**. You can add additional Subject Codes if your Courses page needs to list a few, as is the case with Greek Latin Classics

**Subject Code**

- None - ▼

- None -

ACSK

ANTH

ARAB

ARCH

ARTA

ARTD

ARTS

ARTT

ARTW

BCMB

BIOL

CCAS

CHEM

If you choose *Concentration* you will see these choices pop in.

Content Course Code \*

CODE \* [Show row weights](#)

Course Code [Collapse](#)

**CODE TYPE AND CODE \***

Code Type \*  
Concentration ▼

Conc Code  
- None - ▼

[Show row weights](#)

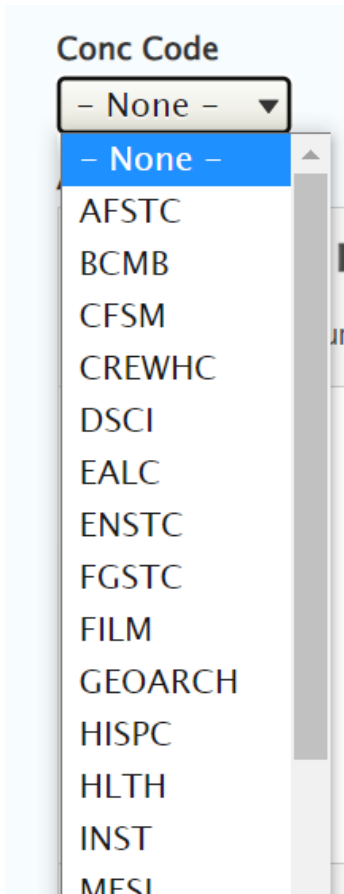
**SUBJECT CODE SORT PRIORITY**

⊕ - None - ▼ [Remove](#)

When sorting course results, the following subject codes will be shown first in the order that you select them.

[Add another item](#)

Or the **Conc Code** (*Concentration*)



To pull in the relevant data for the Subject or Concentration.

You can **add multiple courses** this way by selecting the **Add another item button** (highlighted by the red box in the screenshot below) and selecting the code for another course to be displayed. You can drag-n-drop the order of the subjects to display on the page by using the crosshair-handle on the left.

**In this example** of the Course edit screen, we see the *Code Type* as *Subject* with three courses by subject being pulled in

CODE \*

Course Code Collapse

CODE TYPE AND CODE \*

Code Type \*  
Subject

[Show row weights](#)

SUBJECT CODE

+	GREK	Remove
+	LATN	Remove
+	CSTS	Remove

Add another item

Once you are satisfied with your course content, you can press save.

## Editing Course Pages

When logged in, you can visit the Group Nodes page and sort by Type to find the Courses page

Manage Content in *Biology*

+ Add new content

Published Status: - Any -

Apply

Title	Content type	Status	Updated	Operations
<a href="#">Thomas Mozdzer</a>	Directory	Published	09/15/2025 - 11:45	<a href="#">Edit node</a>
<a href="#">Brenna Appleton</a>	Directory	Published	09/05/2025 - 05:00	<a href="#">Edit node</a>
<a href="#">Adam Williamson</a>	<a href="#">View</a> <a href="#">Members</a> <a href="#">Nodes</a>		09/02/2025 - 05:00	<a href="#">Edit node</a>

Once you select the Type, press the "Apply" button to sort for that type of content.

You should see only one result in the table

## Manage Content in *Biology*

Manage Content in *Biology*

+ Add new content

Published Status: - Any -

Type: Courses

Apply

Title	Content type	Status	Updated	Operations
<a href="#">Biology Courses</a>	Courses	Published	02/07/2022 - 12:15	<a href="#">Edit node</a>

[View](#) [Members](#) [Nodes](#)

If you have *Course Editor* permissions, you should be able to see the Edit Node option in the Operations column.

Press Edit Node to get to the edit screen.

Alternatively, you can navigate to the Courses page of your department and press the Edit tab at the bottom of the page. *The Edit tab will only appear if you have permissions to edit it.*

The screenshot displays the Bryn Mawr College website interface. At the top, there is a dark navigation bar with links for Manage, Shortcuts, Content, Structure, Groups, Reports, and Help. Below this is the Bryn Mawr College logo and name, along with links for Bryn Mawr Home, Graduate & Postbac, and Inside Bryn Mawr. A secondary navigation bar contains links for Academic Information, Offices and Services, The Latest, and Policies, Guidelines, and Handbooks. The main content area shows the Biology department page, with a sidebar menu on the left containing links for Program Requirements and Opportunities, Courses (highlighted), Departmental Learning Goals, Biology Faculty and Staff, Information for Majors and Prospective Majors, Student Research and Opportunities, Departmental News and Events, The Bernard K. Rothenberg Lecture in Biology and Public Policy, and Biology Mentorship Program Frequently Asked Questions. The main heading is "Biology Courses". Below this is a section titled "Related Departments and Programs" with a list of links: Biochemistry and Molecular Biology, Health Studies, Neuroscience, Environmental Studies, Data Science, and Combined Degrees. A paragraph explains that the page displays the schedule of Bryn Mawr courses in this department for the current academic year and also shows descriptions of courses from the last four years. At the bottom, there is a note about information about Bryn Mawr departments and programs, with buttons for View, Edit, and Delete, and a reference to the Course Guides page.

## Adding Custom Text to Your Course Page

### Pre-Content

Use the Pre-Content WYSIWYG for adding text and images to the top of the page. Pre-Content text displays above the boilerplate text that is present on all course pages. This will be a great place to add things that pertain to all courses offered (especially if more than one Course Code is displayed).



View Edit Delete

The ID for this node is 51356. To link to this node, use the path `/node/51356`

Biology Courses

Content	Course Code *
---------	---------------

Heading 3 ▾ Styles ▾ **B** *I*  $\times^2$   $\times_2$   $\Omega$     $\therefore$   $\frac{1}{2} =$  ▾    ▾     ▾    $\underline{T}_x$  Choose lang... ▾ 

- Biochemistry and Molecular Biology
- Health Studies
- Neuroscience
- Environmental Studies
- Data Science
- Combined Degrees

ORDER

Paragraph ▾ Styles ▾ **B** *I*  $\times^2$   $\times_2$   $\Omega$     $\therefore$   $\frac{1}{2} =$  ▾    ▾     ▾    $T_x$  Choose lang... ▾ 

**View** **Edit** **Delete**

### Description Field

CODE \*

Course Code

Collapse

CODE TYPE AND CODE \*

Code Type \*  
Subject

Show row weights

SUBJECT CODE

+ BIOL Remove

+ - None - Remove

Add another item

Label Override

+ Description

Paragraph Styles B I x² x₂ Ω | 🔗 🚩 ⋮ ½ ▾ 🖼️ ▶ 📅 🔒 — ~~BMC~~ ☰ ▽ ⇐ ⇨ Tₓ

Choose lang... 🛠️

This is the Description Text  
It is more detailed  
Biology is Cool!

Abdullatif Tarkenton

## Related Departments and Programs

- [Biochemistry and Molecular Biology](#)
  - [Health Studies](#)
  - [Neuroscience](#)
  - [Environmental Studies](#)
  - [Data Science](#)
  - [Combined Degrees](#)
- 

This page displays the schedule of Bryn Mawr courses in this department for this academic year. It also displays descriptions of courses offered by the department during the last four academic years.

For information about courses offered by other Bryn Mawr departments and programs or about courses offered by Haverford and Swarthmore Colleges, please consult the [Course Guides](#) page.

For information about the Academic Calendar, including the dates of first and second quarter courses, please visit the College's [calendars page](#).

This is the Description Text

It is more detailed

Biology is Cool!

## Fall 2025 BIOL

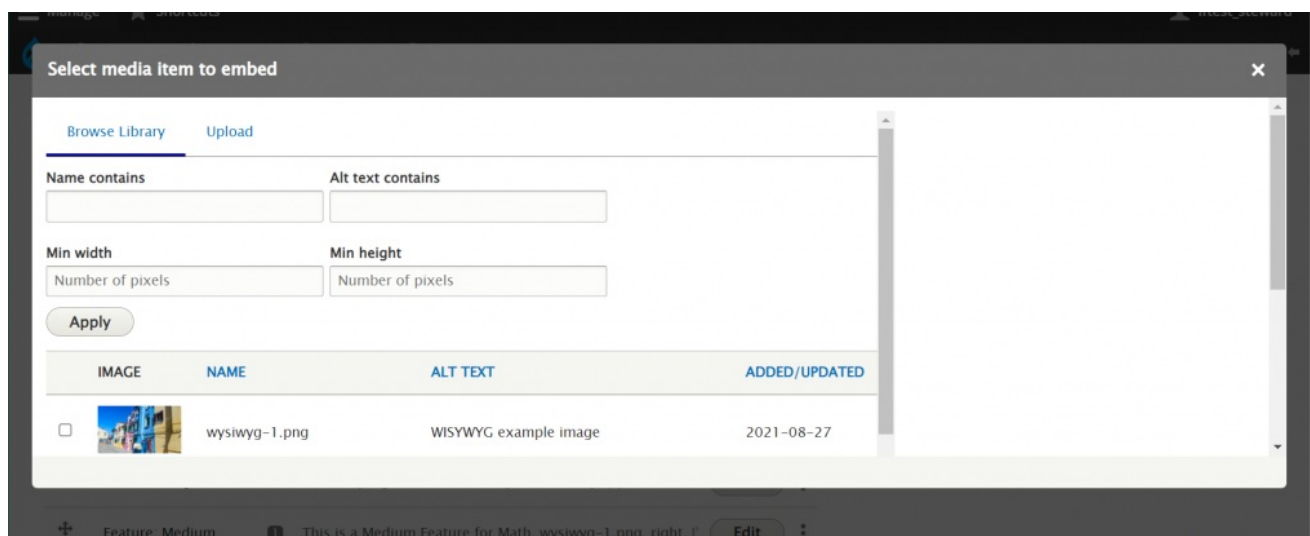


As you can see these are two places where you could add custom text, links, button-links, images, etc. toward the top of the page to better curate your course information.

Since the Biology Courses page would like a photo on top, we will add it here in the *Description* wysiwyg.

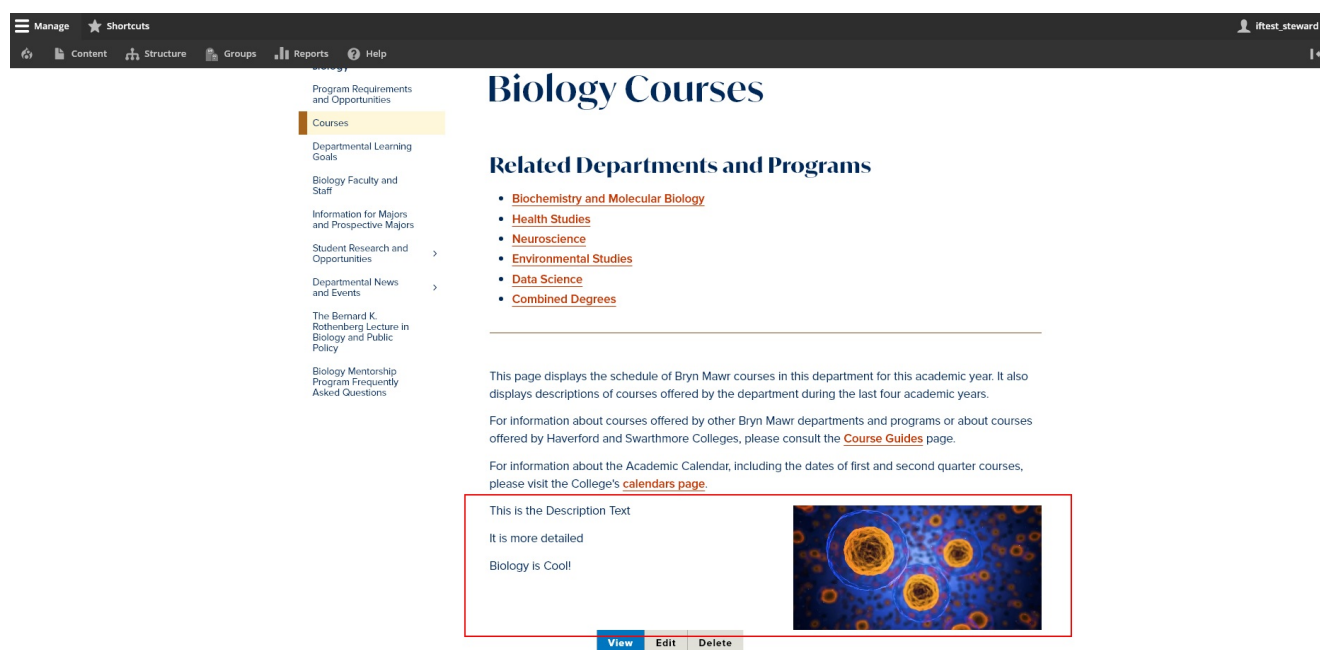
### Add an image

When you click on the *Image icon in the WYSIWYG toolbar* you will see a pop-up window appear that is defaulted to the Browse Library tab



To add an image, click on the Upload tab for uploading a new image or Browse Library tab for an already uploaded image. **Please refer to our Adding Images tech doc for detailed instructions.**

Here is what it looks like once the page has been saved



## Additional Text

Within the Code section, there is an Additional Text field that you can use to add custom text, links, button-links, images, etc. toward the bottom of the page. One example of Additional Text is manually listing Haverford or Swarthmore course schedules and descriptions. For this example, use the table button available in the Additional Text field to create a table for your schedule. Please refer to our **Tables in Drupal tech doc** for detailed instructions on adding tables in a WYSIWYG.

SUBJECT CODE

+

BIOL

Remove

+

- None -

Remove

Add another item

Label Override

+

Description

Paragraph

Styles

**B**

*I*

$\times^2$

$\times_2$

$\Omega$

Choose lang...

This is the Description Text

It is more detailed

Biology is Cool!

Additional Text

Paragraph

Styles

**B**

*I*

$\times^2$

$\times_2$

$\Omega$

Choose lang...

This is the Additional Text

It is interesting to write some extra stuff here

Biology rocks

Add Course Code to Code

The *Additional Text* displays after the *Course Schedules* and before the *Course Descriptions*, as seen here highlighted with the red box

B104-00D	<u>Chemistry II</u>		1:10 PM-4:00 PM TH		
CHEM B104-00Z	<u>General Chemistry II</u>	1			Watkins,L.
CHEM B377-001	<u>Biochemistry II: Biochemical Pathways and Metabolism</u>	Semester / 1	Lecture: 11:40 AM-1:00 PM TTH		Dept. staff, TBA

## Fall 2026 BIOL

(Class schedules for this semester will be posted at a later date.)

This is the Additional Text

It is interesting to write some extra stuff here

Biology rocks

## 2025-26 Catalog Data: BIOL

### BIOL B103 Basic Concepts in Human Biology

Not offered 2025-26

Just past the *Additional Text* field is a place to add another *Course Code*, if you are displaying multiple Courses or Concentrations (like the Classics where they display Greek, Latin, etc.)

Add Course Code to Code

For our example, we've added the *NEUR Subject Code*. Let's see where it will display on the page.

Here you can see the **green box** indicates where the *Biology Course Schedule ends* (with Biology's *Additional Text* displaying after the *Biology Course Schedule*) and the **red box** indicates where the *Neuroscience Course Schedule starts* (with Neuroscience's *Description* Text displaying before the *Neuroscience Course Schedule*) on the page.

CHEM B377- 001	<u>Biochemistry II:</u> <u>Biochemical</u> <u>Pathways and</u> <u>Metabolism</u>	Semester / 1	Lecture: 11:40 AM- 1:00 PM TTH		Dept. staff, TBA

## Fall 2026 BIOL

(Class schedules for this semester will be posted at a later date.)

This is the Additional Text

It is interesting to write some extra stuff here

Biology rocks

This is for Neurobiology

## Fall 2025 NEUR

Course	Title	Schedule/Units	Meeting Type Times/Days	Location	Instr(s)
NEUR B100- 001	<u>Introduction to</u> <u>Neuroscience</u>	Semester / 1	LEC: 10:10 AM-11:30 ASATTU	Park 227	Haskell,D.

## Post-Content

The *Post-Content* field, located just past the Add Course button, is where you are encouraged to add things that you used to display in the sidebar on the old site. In our example for Math, there was a bit of custom text that would be perfect for the end of the page.

Content

Course Code \*

Pre-Content

Heading 3

Styles

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Choose lang...

🔗

Related Departments and Programs

- Biochemistry and Molecular Biology
- Health Studies
- Neuroscience
- Environmental Studies
- Data Science
- Combined Degrees

CTA

ORDER

Add Callout to CTA

Post-Content

Paragraph

Styles

B

I

x<sup>2</sup>

x<sub>2</sub>

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⌂

Choose lang...

🔗

This is the Post-Content text

We want to make sure to write something that makes sense at the end of the page

Let's Register for Classes!

## Social Media Callout

The last item in the Course content entry form is the **Social Callout Flexible Content Item**. This is a great place to link to the department's social media feeds.

WE WANT TO MAKE SURE TO WRITE SOMETHING THAT MAKES SENSE AT THE

Let's Register for Classes!

SOCIAL MEDIA CALLOUT

Add Social Media: Callout to Social Media Callout

☒ Publish

Save

Delete

Once you are satisfied with your changes, you can press save.

We can see that the Post-Content text and the Social Media Callout both display at the very end of the Course Descriptions, right above the footer of the page.



# CHEM B377 Biochemistry II: Biochemical Pathways and Metabolism

Spring 2026

This course is a continuation of CHEM B242 or BIOL B375. Biochemical pathways involved in cellular metabolism will be explored in molecular detail. Energy producing, degradation, and biosynthetic pathways involving sugars, fats, amino acids, and nucleotides will be discussed with an emphasis on structures and mechanisms, experimental methods, regulation, and integration. Additional topics, drawn from the primary research literature, may be covered. Readings will be drawn from textbooks and from the primary literature and assessments may include oral presentations, problem sets, written examinations, and writing assignments. This is a second course in Biochemistry and assumes a strong foundation in the fundamentals of Biochemistry. Prerequisite: BIO 375 or CHEM 242, or permission of instructor.

Counts Toward: Biochemistry & Molecular Bio; Biochemistry Molecular Biology; Biochemistry Molecular Biology; Biology.

[Back to top](#)

This is the Post-Content text

We want to make sure to write something that makes sense at the end of the page

[Let's Register for Classes!](#)

**Biology Social Media Callout**



## Still need Drupal help? Have more Drupal questions?

If after reading this article or watching the training videos you still have questions, we can help!

Sign-up for any of our [Drupal Drop-ins](#) throughout the year.

[Schedule a Drupal training session](#) for you or your whole department with our Drupal Trainer.

## Questions?

If you have any additional questions or problems, don't hesitate to reach out to the **Help Desk!**

**Phone:** 610-526-7440 | [Library and Help Desk hours](#) 

**Email:** [help@brynmawr.edu](mailto:help@brynmawr.edu) | [Service catalog](#) 

**Location:** Canaday Library 1st floor

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