

The logo for Python4physics, featuring the text "Python4physics" in a white serif font. The background of the top section is a dark blue network of interconnected nodes and lines, with some nodes highlighted in a lighter blue. The text is overlaid on this network.

Python4physics

```
# get objects selected in the viewport
viewport_selection = bpy.context.selected_objects

# get export objects
obj_export_list = viewport_selection
if self.use_selection_setting == False:
    obj_export_list = [i for i in bpy.context.scene.objects]

# deselect all objects
bpy.ops.object.select_all(action='DESELECT')

for item in obj_export_list:
    item.select = True
    if item.type == 'MESH':
        file_path = os.path.join(folder_path, "{}.obj".format(item.name))
        bpy.ops.export_scene.obj(filepath=file_path, use_selection=True,
                                axis_forward=self.axis_forward_setting,
                                axis_up=self.axis_up_setting,
                                use_animation=self.use_animation_setting,
                                use_mesh_modifiers=self.use_mesh_modifiers_setting,
                                use_edges=self.use_edges_setting,
                                use_smooth_groups=self.use_smooth_groups_setting,
                                use_smooth_groups_bitflags=self.use_smooth_groups_bitfl
                                use_normals=self.use_normals_setting,
                                use_uv=self.use_uv_setting,
                                materials_setting,
```

This is a four week course START DATE: JUNE 15, 2026

Python4Physics is a course designed to equip students with the fundamental tools to write simple code using the Python programming language. Along the way, you'll explore engaging concepts in physics, math, statistics, and, of course, programming—primarily by solving problems numerically.

You'll learn how to solve equations, analyze data, and model a variety of systems. No prior experience in programming, physics, or advanced calculations is required, though a basic familiarity with algebra is recommended.

FOR MORE INFORMATION

Go to our registration form using the qr code below, or visit: [/physics.berkeley.edu/python4physics](https://physics.berkeley.edu/python4physics)

Registration is free and open to the public.

REGISTER TODAY

The text "UC Berkeley Physics" in a dark blue serif font, positioned at the bottom right of the page. The background behind the text is a light gray network of nodes and lines, similar to the one in the top left but less dense.

UC Berkeley Physics