Campus Master Plan

Projects identified to address some of our campus space needs
Update of Planning Projects

Projects Completed in Last Five Years

- Parking Lot 29
- Renovations to Hillside Apts
- Potomac Hall Renovation
- Patapsco Hall Addition
- Parking Lot 1 Expansion
- Performing Arts & Humanities Bldg Phase I & II
- Residential Community Center
- Renovations to Terrace Apts
- Chesapeake and Susquehanna Hall Renovations
UMBC Fine Arts Bldg Renovation Ongoing Site and Building Projects

Update of Planning Projects

Ongoing Site and Building Projects

- Fine Arts Bldg Renovation
- Admin Bldg Green Roof
- Stormwater Retention Facility
- Interdisciplinary Life Sciences Building
- Preschool Center
- Renovations to Apartment Communities
- The Event Center
- Campus Entrance Project
- Green Roof Concept
- Preschool Center Project
- Campus Map and Building Directory
Campus Entrance
Traffic Safety and Circulation Improvement Project
Campus Entrance
Traffic Safety and Circulation Improvement Project

Construction Completion
October 2015

This project addresses traffic and safety issues at the intersection of Hilltop Circle and UMBC Boulevard, by:

• improving the existing intersection
• enhancing the front door of the campus
• simplifying visitor access to the Administration Drive Garage
• improving the pedestrian experience upon entering the campus
• improving traffic flow on UMBC Boulevard
Campus Entrance
Traffic Safety and Circulation Improvement Project
Campus Entrance
Traffic Safety and Circulation Improvement Project
Stormwater Retention Facility
Stormwater Retention Facility

The Library Pond is a stormwater management facility that stores and treats rainwater from all uphill areas of the west side of the campus. It is being restored as part of the Performing Arts and Humanities Building project.

The project will concentrate on improving:

- **capacity** of the facility through pond dredging
- **water treatment** through restored natural filtration and oxygenation
- **removing invasive species** while enhancing the stream buffer
- the perimeter planting and seating to create a more **natural setting**
- **accessible path** from the Walker Avenue Garage (with support from the Access Maryland Program)
1. Restore the collapsing concrete weir and bulkhead
2. Accessible pathways to the Walker Avenue Garage
3. Restore stream, inlet and water quality of pond
4. New plantings and sitting areas

Completion
Late Fall 2015
Update of Planning Projects

Stormwater Retention Facility
Fine Arts Building Renovation

With the PAHB completed approximately 43,450 NASF of space became available in the building.

Renovations of the aging building systems are required to allow these spaces to be utilized.

The project has multiple phases, allowing areas of the building to remain occupied throughout construction.

**Fully Occupied**
December 2015
Fine Arts Bldg Renovation

- Africana Studies
- American Studies
- Asian Studies
- Center for Art Design & Visual Culture
- Dance (room 317 and support spaces only)
- Dean of the College of Arts, Humanities, and Social Sciences
- Future Art Research Center
- Gender + Women’s Studies
- Global Studies
- History
- Interdisciplinary Studies
- Judaic Studies
- Media and Communication Studies
- Modern Languages, Linguistics & Intercultural Communication
- Religious Studies
- Theatre (room 318 only)
- Visual Arts
- Student Life gains use of Recital Hall

Building Occupants

Those in color are new to the building
Fine Arts Building Phase 2 Renovations Underway

Construction Progress
Fine Arts Building Phase 2 Renovations Underway

Completion of the south wing of the Third Floor
Renovations to Residence Halls

West Hill Apartments
Full renovation of buildings, to include:

• new stair enclosures, siding, windows, entries
• improved bathrooms and interior room finishes
• upgraded electrical, mechanical systems and internet service

Project includes new exterior community spaces for recreation.

Construction
Fall of 2014 – Summer of 2016
Renovations to
Apartment Communities
West Hill Apartments
Renovations to
Apartment Communities
West Hill Apartments
Renovations to
Preschool Center
Renovations to
Preschool Center
Renovations to Preschool Center
UMBC Event Center

December 2017
UMBC Event Center

New state-of-the-art facility to:

• provide a venue for **convocation and graduation**

• Provide a venue for **student life** events

• provide an arena for **athletic competitions** of our basketball and volleyball teams

• accommodate up to **20 outside scheduled events a year**

• improve **accessibility, service and circulation** to the Stadium Complex

• Provide **more flexibility** for student life events at the RAC
UMBC Event Center

Main Space Program Elements

• **Approximately 5,000-6,000 seat** multi-purpose event space for basketball and volleyball competitions, concerts, speaker series, convocation, graduation and career day

• a facility that can host **500 people for dinner**

• a **hospitality room** that overlooks the event space and the Stadium Complex
Update of Planning Projects

UMBC Event Center
View from Hilltop Circle
Update of Planning Projects

Administration Building Green Roof

The green (vegetative) roof demonstrates UMBC's dedication to sustainability.

- Funded by a gift from the France-Merrick Foundation
- France-Merrick's gift includes support for Sustainability Interns.

Construction: Summer 2015
Administration Building **Green Roof**

- Replace existing roof with new very resilient membrane suitable for vegetative roofs
- Vegetative Roof System on top of new membrane includes low growing/low maintenance sedums and more traditional perennials
Update of Planning Projects

Administration Building **Green Roof**
Interdisciplinary Life Sciences Building

The ILSB will help UMBC achieve these objectives of the Strategic Framework:

- “Encourage the development of cross-disciplinary or interdisciplinary clusters and programs”
- “Anticipate the University’s need for increased space to support its mission”
- “Strengthen existing infrastructure to support growing research activity”
- “Play a proactive role in the State's economic development initiatives through sponsored research activities, technology transfer and commercialization, professional workforce development”
**Update of Planning Projects**

**Departments supported by the ILSB**

- Biological Sciences
- Chemical, Biochemical and Environmental Engineering
- Chemistry and Biochemistry
- Geography and Environmental Systems
- Mechanical Engineering
- Mathematics and Statistics
- Physics
- Psychology

Existing Theatre / Academic Services Building
Interdisciplinary Life Sciences Building

The new ILSB will provide:

- **Active-learning classrooms, seminar rooms, and teaching labs** in support of UMBC’s science, technology, engineering, and mathematics programs
Interdisciplinary Life Sciences Building

The Interdisciplinary Life Sciences Building will support course redesign with dynamic high-technology classrooms, seminar rooms and teaching labs.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>90 station Active Learning Classrooms</td>
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<tr>
<td>4</td>
<td>48 station Active Learning Classrooms</td>
</tr>
<tr>
<td>1</td>
<td>Teaching Ready Room</td>
</tr>
<tr>
<td>1</td>
<td>Observation and Research Lab</td>
</tr>
<tr>
<td>4</td>
<td>32 station Teaching Labs</td>
</tr>
<tr>
<td>2</td>
<td>Shared Teaching Lab Prep and Storage Rooms</td>
</tr>
<tr>
<td>3</td>
<td>24 station Seminar Rooms</td>
</tr>
<tr>
<td>3</td>
<td>12 station Seminar Rooms</td>
</tr>
<tr>
<td>1</td>
<td>12 station GMP Lab Training Facility</td>
</tr>
<tr>
<td>6</td>
<td>Collaborative Project Rooms for 5 students</td>
</tr>
</tbody>
</table>
Interdisciplinary Life Sciences Building

The new ILSB will provide:

- **Flexible and adaptable laboratories** that are assigned for targeted life science research activities involving faculty from multiple departments and colleges
Interdisciplinary Life Sciences Building

Facilities Supporting Life Science-based Research

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Facility Description</th>
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<tbody>
<tr>
<td>32</td>
<td>Interdisciplinary and Flexible Lab Modules</td>
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<tr>
<td>4</td>
<td>Chemical Hood Intensive Lab Modules</td>
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<tr>
<td></td>
<td>Shared Research Equipment Rooms</td>
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<td></td>
<td>Flexible Procedure Rooms</td>
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<td></td>
<td>Environmental Systems Lab</td>
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<td></td>
<td>Bioprocess and Cell Science Facility</td>
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<td></td>
<td>Vivarium for rodents and avian research</td>
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<td></td>
<td>procedure rooms</td>
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<tr>
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<td>holding rooms</td>
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<tr>
<td></td>
<td>whole animal imaging</td>
</tr>
<tr>
<td></td>
<td>behavior study rooms</td>
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</table>
Interdisciplinary Life Sciences Building
Conceptual Section Cut
For more information

Project website for **Campus Entrance Project**: www.campusentrance.umbc.edu

Project website for the **Event Center: In Development**

For more information on **Facilities Management** go to: www.umbc.edu/fm and click on **Spotlights/News**

For more information on the **Campus Master Plan** go to: www.umbc.edu/campusplan