



## UMBC Forest Conservation Area

To meet Forest Conservation Mitigation requirements for Capital Improvement Projects according to COMAR Natural Resources Article 5-1610.1 and COMAR 08.19.03.X-2, UMBC proposes to establish a Forest Mitigation Bank of the existing wooded area on the northern edge of the campus.

The UMBC Forest Conservation Area will:

- absorb greenhouse gases and improve air quality
- reduce soil erosion on stream banks
- reduce storm water run-off and impacts to downstream facilities
- create microclimates and wildlife habitats
- enhance the water quality in local streams and the Chesapeake Bay

Factors determining Priority Forest Retention Areas applicable to UMBC include:

- intermittent and perennial streams and buffers
- steep slopes (>25%) and contiguous forests
- non-tidal wetlands
- trees of 30" inches or larger caliper
- cost-prohibitive development