Building Construction 7: Sustainable Design
Study Material Resources

# Mandatory Study Material

## BUTE Dept. of Building Constructions website

<http://www.epszerk.bme.hu/index.php?id=C0670>

* Topics Schedule
* Course Requirements
* Semester Project Description
* Test Questions
* Study Material Resources
* Lecture slideshows in PDF format
* Four one hour lecture recordings in MOV format

## Energy simulation software download pages

Students must download one of these programs and use it for their semester projects

<https://edstarbeta.graphisoft.com/#/login>

<https://myarchicad.com/Default.aspx?ProjectId=1>

<http://autodeskvasari.com/>

# Other Recommended Websites

## Green organizations

<http://www.passiv.de/>

<http://www.nrel.gov/>

<http://www.gbci.org/homepage.aspx>

<http://www.cagbc.org/AM/Template.cfm?Section=The_CaGBC>

<http://www.ibpsa-england.org/>

<http://www.iea.org/aboutus/>

<http://www.epbd-ca.eu/>

<http://www.cibse.org/index.cfm?go=page.view&item=37>

<http://www.ukgbc.org/>

## Green rating systems

<http://www.usgbc.org/leed/rating-systems>

<http://architecture2030.org/2030_challenge/2030_challenge_planning>

<http://www.breeam.org/>

<http://www.gbcsa.org.za/greenstar/ratingtools.php>

<http://www.thegbi.org/>

## Simulation input data

<http://www.energy.eu/>

<http://apps1.eere.energy.gov/buildings/energyplus/weatherdata_about.cfm>

## Statistical data

<http://www.eia.gov/consumption/commercial/>

<http://www1.eere.energy.gov/buildings/commercial/index.html>

<http://www.energystar.gov/index.cfm?c=new_bldg_design.bus_target_finder>

<http://www.gbig.org/>

<http://www.eia.gov/totalenergy/data/monthly/whatsnew.cfm?src=email>

## Energy simulation software for architects

<http://www.graphisoft.com/products/ecodesigner/>

<http://www.strusoft.com/index.php/en/products/vip-energy>

<http://labs.autodesk.com/utilities/vasari/>

<https://www.greenbuildingstudio.com/GBS/Account/LogIn>

<http://usa.autodesk.com/ecotect-analysis/>

[http://www.bentley.com/en-US/Products/AECOsim+Energy+Simulator/](http://www.bentley.com/en-US/Products/AECOsim%2BEnergy%2BSimulator/)

<http://www.iesve.com/software/ve-toolkits>

<http://www.edsl.net/main/Software/DemoVideos.aspx>

<https://www.hottgenroth.de/products/product-categories/>

<http://ax3000.de/>

<http://www.ncm.bre.co.uk/disclaimer.jsp>

## Energy simulation software for building energy modeling professionals

<http://apps1.eere.energy.gov/buildings/energyplus/>

<http://doe2.com/equest/>

<http://www.trnsys.com/>