

## TS YEAR 4 READING LIST 2011/12

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*Form and matter*

**This reading list has been given to the library by the course tutor. Please note that the library holds as many items as possible from this list, however if any items are not held in the library's collection, these may be requested via Inter-library loan at the issue desk.**

**Some items may be shared with other programmes or located in other parts of the library. For location details please consult the online library catalogue.**

- Ashby, M., 2010. *Materials and design: the art and science of material selection in product design* 2nd ed., Amsterdam; Boston; London: Butterworth-Heinemann. Isbn: 1856174972
- Ball, P., 1997. *Made to measure: new materials for the 21st century*, Princeton: Princeton University Press. Isbn: 0691009759
- Borden, G., *Matter: material processes in architectural production*, London;New York: Routledge. Isbn: 0415780292
- Addington, M. and D. Schodeck. (2005). *Smart materials and Technologies: for the architecture and design professions*, Oxford: Architectural Press. Isbn: 0750662255
- Ritter, A., 2007. *Smart materials: in architecture, interior architecture and design*, Basel;Berlin;Boston: Birkhäuser - Publishers for Architecture. isbn: 376437327X
- Schwartz, M., 2009. *Smart materials*, Boca Raton: CRC Press. Isbn: 1420043722
- Ruby, I., 2010. *Re-inventing construction*, Berlin: Ruby Press. Isbn: 398134362X
- Beukers, A., 1999. *Lightness: the inevitable renaissance of minimum energy structures* 2nd ed., Rotterdam: 010 publishers. Isbn: 9064505608
- Hensel, M. & Architectural Association (Great Britain), 2006. *Morpho-ecologies*, London: Architectural Association. Isbn: 190290253X
- Lefteri, C., 2007. *Making it: manufacturing techniques for product design*, London: Laurence King. Isbn: 1856695069
- Wanberg, J., 2010. *Composite materials: fabrication handbook 2*, Stillwater MN: Wolfgang Pub. ISBN: 1929133936.
- Vogel, S., 2003. *Comparative biomechanics: life's physical world*, Princeton NJ: Princeton University Press.