Individual meetings with the instructor can be arranged usually before or following classes. Classes meet alternately at the Academic Centre and in different locations around London. Meetings with individuals will usually coincide with the Session Itineraries below. Please discuss arrangements with the Instructor.

The first class will meet at NYU in London, 6 Bedford Square. Meeting places for the other classes are indicated on the separate itineraries for each session, which will be given out during the first class.

There will be one field trip during the semester arranged centrally by NYU in London for all students enrolled in ‘Recycling Buildings’, which is a **required co-curricular activity and attendance is mandatory.** This will a Thames trip to Greenwich on Saturday, 23rd September 2017. Details of times and the meeting place will be sent to students by the Student Life Administrator.
**Prerequisites**

There are no prerequisites for this class, other than an interest in urban history and the built environment.

**Class Description**

Re-cycling or re-using buildings is one of the most important subjects in the built environment. It is an area in which there have been some remarkable successes in recent years both in America and in Europe: impressive and much-loved public buildings have been given new life by progressive architects and developers, helping ensure that our towns and cities retain their individual character. Unlike international modern buildings, historic buildings are strong markers of the industry, aspirations, local materials and the resources of a particular place. Recycling old buildings is crucial so our architectural and social history can be read in the townscape that surrounds us.

A course about recycling old buildings presents an opportunity to explore some basic themes in the built environment – architecture history, environmental issues and the rise of the conservation movement in the 19th and 20th centuries. Buildings are responsible for 50% of our carbon emissions each year, and more than half of a building’s energy footprint is expended in the relatively short spell of its construction. ‘Even the best planned new buildings are no match against the preservation, modernization, conversion and re-use of existing buildings when it comes down to the consumption of resources’ (Karl Ganser) Re-using our redundant historic architecture for new purposes has obvious positive benefits for the planet. Equally, upgrading historic buildings in use, like our housing stock, is environmentally smarter than demolishing parts of our cities and starting again with new structures.

The locations and nature of industrial production has changed across the world. Most western cities have a surplus of industrial spaces and buildings lying empty, often in their centres. This course will first cover the story of the development of industrial architecture from the 18th century onwards and look at how these robust, proud and often highly decorative structures can accommodate new uses. We will look at how inventive designers, backed by local government, have found ways of reclaiming the industrial ‘brownfield’ landscapes into new spaces for recreation and development in our cities, focussing on particular examples in New York, London and in Germany.

Based in London, we will have the opportunity to visit a number of key examples of re-use where we can see first-hand the how industrial and architectural history, modern technology and the changing use of our city centres combine to form this essential story in contemporary urbanism.

This course will be useful for architecture and urban design majors and will be helpful for anyone with an interest in environmental issues, architectural history, government policy, social change and, of course, cities.

This series of lectures grows from a ‘re-use’ course taught several times at the Architectural Association School of Architecture and the lecturer’s 20 years of professional architectural work engaged in re-using historic buildings with Grimshaw Architects, updating the Victorian Paddington Station and building the Bath Spa project, and in private practice in London. Course assessment will be based on a quiz, the writing and presentation of a research project, class participation and the keeping of design and conservation notebook with notes and sketches from lectures, site visits and research work.

This course consists of a series of classroom-based lectures and study visits.

**Desired Outcomes**

- An appreciation the cultural and environmental benefits of preserving and re-using historic buildings
- An introduction to the architecture of cities and their patterns of development
- An understanding of the industrial revolution and its impact on the contemporary built environment.

- An understanding of the environmental implications and opportunities of new and traditional building techniques.

- An introduction to the rise of the historic preservation movement in England and America in the 19th and 20th centuries.

- To learn how to look at and read architectural drawings.

### Assessment Components

- An illustrated architectural research paper 30%
- An end of term slide presentation of the research project 15%
- An illustrated, annotated ‘Design & Conservation Notebook’ 25%
- A mid-term quiz 20%
- Lively class participation 10%

Failure to submit or fulfil any required course component results in failure of the class

### Assessment Expectations

**Grade A:** An exceptional command of the subject of re-using buildings, with a demonstrable awareness of some of the technical challenges in this work.

**Grade B:** A good understanding and appreciation of the needs and challenges of preserving and re-using historic buildings.

**Grade C:** Average.

### Required Text(s)


### Supplemental Texts(s) (not required to purchase as copies are in NYU-L Library)


7148 3958 2.


IBA Emscher Park. Rob MacDonald


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**Additional Required Equipment**

A digital camera and a hard, clothbound, A4 notebook / sketchbook with thick ‘cartridge paper’ (minimum 120 G/Sq.M). Pens, a selection of coloured pencils and a round ‘#6’ watercolour brush will be required for study visits and course research. These items will be required for note taking and drawing in each class session.

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**Session 1**

Lecture - Introduction to London’s architecture and the rise of the of the historic preservation movement in the late 19th century and into the 20th century + visit to Great Court at the British Museum

Reading:


Meet at NYU in Bedford Square, room TBC.

Session 2

Site visit – A Breakthrough for Conservation: The saving and re-use of London’s Covent Garden Market and its surrounding area

Readings:


Meet at 6 Bedford Square

Session 3

Lecture – The origins of the conservation movement & the Industrial Revolution, its architectural legacy and the re-use of industrial buildings.

Readings:

Neil Cossons, The BP Handbook of Industrial Archaeology. Chapter 1 and 2 pp. 6-36.


Meet at NYU in Bedford Square, room TBC.

Session 4


Readings:


Neil Cossons, The BP Handbook of Industrial Archaeology. Chapter 6 and 7 pp. 106-141
Meet at Westminster Pier, along the Embankment at 10:00am (TBC.)

Session 5

Site visit - New life for a power station - the re-use of the Bankside Power Station as the Tate Modern, and a look at the regeneration of the Borough Market nearby

Reading:


Meet at the Entrance to Southwark (Jubilee Line) Tube Station, 2:00pm

Session 6

Lecture - The re-use of the industrial landscape - Brownfield sites transformed into modern parks and the re-inhabiting of our former industrial waterfronts.

The Hudson River Park; Peter Latz’s Landschaftspark Duisburg-Nord; Parc Andre Citroen - Giles Clement, Alain Provost, Patrick Berger, Paris; the Emscher Park in the Ruhr Valley, The High Line and the Hudson Riverfront Park

Readings:


Meet at NYU in Bedford Square, room TBC.

Session 7

Site visit – Community-led conservation work & townscape improvements in Peckham.

Readings:

Peckham Historic Area Assessment, Johanna Smith, English Heritage
(Please find online at ‘Central Peckham Historic Area Assessment + English Heritage’)

http://services.english-heritage.org.uk/ResearchReportsPdfs/054_2009WEB.pdf

Meet at the forecourt / booking office Peckham Rye Station (London Overground) 2:00pm
(or meet Benedict at 1:15pm at the Manze’s Pie and Mash Shop, nearby at 105 Peckham High Street
SE15 5RS, for a hearty South London artisan’s lunch before class)

Session 8

Lecture - Environmental technologies in the re-use of buildings. Case Study: the Reichstag in Berlin by Foster and Partners + quiz

Readings:


Mid Term Quiz - 20% of grade

Meet at NYU in Bedford Square, room TBC.

Session 9

Site visit: The re-use of London’s Docklands, Shad Thames, St. Katherine’s Docks and Tobacco Dock.


Meet at Tower Hill Tube Station (Circle and District lines) 2:00pm

Session 10

Serpentine Sackler Gallery & the Victoria and Albert Museum

Readings:


Meet at the new Serpentine Sackler Gallery, Kensington Gardens W2 3XA at 2pm. (tube, Lancaster Gate or South Kensington)

Post class term paper tutorials 5:00-6:00pm

Session 11

Site Visit - Updating the great Victorian railway stations: St. Pancras and Kings Cross goods yard re-use.


Paddington Station pp. 154-170, Bath Spa, pp 68-78.

Meet under the big clock / statue of lovers at the town-end of St. Pancras Station 2:00pm

Post class term paper tutorials 5:00-6:00pm

Session 12

Site Visit - South Shoreditch - Conservation, Railway Land and Air Rights Developments.


Meet at the McDonald’s, the ‘town end’ (street level) Liverpool Street Station, 2pm.

Post class term paper tutorials 5:00-6:00pm

Session 13

Term paper / presentation tutorials. Meet at 2pm the Academic Center in our elegant, regular, classroom, room G07

Session 14

Student Research Project Presentations + discussion.

Term Paper & Conservation Notebook submission.

Session 15

Student Research Project Presentations + discussions & concluding celebrations.

Classroom Etiquette

Toilet breaks should be taken before or after class or during class breaks.

Food & drink, including gum, are not to be consumed in class.

Mobile phones should be set on silent and should not be used in class except for emergencies.

Laptops are only to be used with the express permission of your teacher.

Estimated Travel Costs

Most of our class sessions are in central London / zone 1, several trips however are a bit further afield and may be in ‘zone 2 or 3’, but still in London. You will need a topped up ‘Oyster Card’ for our class.

Your Instructor

Benedict O’Looney is an architect living and working in Peckham. His current work includes restoring the Victorian Peckham Rye Station building a new wing for the Croydon Mosque & extending and completing the Peckham Mosque. Benedict O’Looney Architects are also involved in a number of
new build and conservation projects in Peckham and in Lewisham.

Benedict is a member of the Victorian Society’s Building’s Committee and is on the committee of the Peckham Society with whom he has successfully campaigned to create a conservation area that recognizes the significance and architectural quality of Peckham’s town centre.

Prior to establishing his own practice, Benedict worked for Grimshaw and Alsop Architects, restoring Paddington Station and building the new Bath Spa. He teaches architecture history and sketching at New York University’s London Programme, is a past president of the London Sketch Club, and is the chairman of Southwark’s Conservation Areas Advisory Group.

Prior to coming to London in the early nineties Benedict lived for 20 years on the east coast of the United States and received his liberal arts and architectural training there – at Hunter College and Yale University School of Architecture. As a student Benedict helped research the Guidebook to Manhattan’s Outdoor Sculpture for the Art Commission of the City of New York.

NYU GLOBAL ACADEMIC POLICIES

Policies and procedures for Global Academic Centres, including policies on academic integrity and the Study Away Standard, can be found here: https://www.nyu.edu/about/policies-guidelines-compliance/policies-and-guidelines/student-services.html

Absences: Key information on NYU London’s absence policy, how to report absences, and what kinds of absences can be excused can be found here: http://www.nyu.edu/london/academics/attendance-policy.html

NYU London work submission policies can be found here: http://www.nyu.edu/london/academics/academic-policies.html