NEW LIBRARY BUILDINGS IN EUROPE
New Library Buildings in Europe

Documentation 2012

Edited by Mahulena Svobodová

Prague
2012
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<td>145</td>
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On behalf of the LIBER Architecture Group, I am delighted to introduce this documentation which draws together information about library building projects across Europe. In common with earlier surveys, a range of projects are presented including new buildings, renovations, refurbishments and extensions. Our aim is to provide librarians and architects with a wide variety of case studies and the concepts upon which they are based; hopefully, people involved in building projects will be able to find similar projects, to gain new ideas, to make professional contacts and to learn from each other.

This is the tenth occasion when the LIBER Architecture Group has published a collection of case studies to coincide with a seminar organized by the Group. This time, it is the 16th seminar, hosted by the National Technical Library in Prague. I am delighted to report that the National Technical Library has also established a database which will allow better access to the information on all the projects covered in the printed documentation. We also hope to be able to include information from projects covered in earlier volumes in the near future.

I would like to take this opportunity to thank Martin Svoboda, Director of the National Technical Library, and his colleagues for making our wish come true – not only having documentation in print but also in digital form in this new, sustainable database! I am confident that this will become an important – and accessible – resource about library buildings throughout Europe.

Ulrich Niederer
LIBER Architecture Group Chair
March 2012
Acknowledgement

Three and a half years ago the National Technical Library opened its brand new home designed and built as a genuine Gesamtkunstwerk. This is why we took the invitation to contribute to the “New Library Buildings in Europe” as yet another appreciation for the common work of the architects, designers, engineers, librarians, technicians and all the other professions who contributed to the stunning result. Although we were aware of the published Documentations produced by the LIBER Architecture Group and we encouraged our architects to get acquainted with them, we never made it to the Seminar. So it was a bit of a surprise when, during the Madrid Seminar in 2010, I was invited to become a member of LAG. Perhaps it was the result of the reception of my presentation of the new building combined with the appeal of Prague that we were offered the opportunity to host the next Seminar in the National Technical Library.

Hosting the Seminar has been regularly accompanied with the publication of documentation on new libraries built in Europe in the past two years. The LAG meeting raised the idea of converting the printed collection into a searchable database. The next logical step was an easy one: why not use the database as a vehicle to collect the various library descriptions and generate the body of the publication from these records. And that is what we did. At this point we have completed only the collection and the export-to-print functionality, the multi-facet search interface is yet to be completed and we expect to do so this year.

You are now leafing through the result of this effort. It would not have been possible without LAG extending us the confidence that we will manage this uneasy task in time. I am thankful for that. At the same time my thanks go to Csilla Szlízs and Jiří Znamenáček, who converted the questionnaires into a functioning database, Mahulena Svobodová, who patiently urged the contributors and carefully edited the whole book, Lukáš Kalivoda, who is responsible for its marvellous look, Eva Dibuszová who supervised the whole production process and, last but not least, to all the twenty-one contributors from nine European countries.

Martin Svoboda
LIBER Architecture Group member
A General information about your library

a Name and address

1 University library

2 Akademická knihovna Jihočeské univerzity v Českých Budějovicích (Academic Library of the University of South Bohemia in České Budějovice) / University of South Bohemia in České Budějovice

3 Branišovská 31b, 370 05 České Budějovice

4 T +420 389 036 666, E library@lib.jcu.cz

5 PhDr. Helena Landová

6 Helena Landová, landovah@lib.jcu.cz

b Population served

7 16 150

8 13 300

9 N/A

10 1 150
c Conditions of the library (before the new project)

11 N/A (there were several small libraries in different University buildings)
12 170 (in all libraries together)
13 250 000 volumes (in all libraries together)
14 20 000 volumes (in all libraries together)
15 230 000 volumes
16 25 (in all libraries together)
17 50 hrs/week (it was different in each library, at max it was 50 hrs/week)

B The new building: aims and features

a Architect(s)
18 A+U DESIGN, České Budějovice, www.arch.cze/audesign
19 Ing. arch. Dagmar Polcarová
20 new building

b Aims of the new building

21 The main target was to build new, excellently equipped central library for all departments of the university. The most important goals were:
   › more holdings in open stacks
   › extension of book storage capacity
   › more reader seats
   › special computer laboratory for information literacy lectures
   › extension of the opening hours
   › self-service loans and returns
   › reception area
   › entrance with access control
   › access for users with disabilities
   › improving working conditions for staff
   › exhibition area
   › library café

c Special Features

22 Library is located just in the centre of the university campus, very close to the most of other university facilities (rectorate, faculty buildings, dormitories etc.)
The architectonic design of the building reflects its function and spiritual character. The main construction material is gray walls – traditional, centuries certified element. Facades of the buildings will carry gentle relief in the form of “backs of books” used symbolically in the front of the library. Both buildings will have glass communication halls in the opposite fronts. After the university assembly hall is built, all the three structures will be connected with a glass corridor.

C  Technical information about the new building

a  Floor area (24 to 35)

24  5 650 m²
Divided into
25  2 950 m²
Special rooms (26, 27, 28, 29)
26  59 m²
27  111 m²
28  137 m²
29  0
Special activities (30, 31, 32)
30  584 m²
31  0
32  24 m²
33  267 m²
34  811 m²
35  285 m²
36  3 levels
37  500
Divided into
38  40
39  60
b Total potential capacity of shelving (linear metres or volumes)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>750 000 volumes</td>
</tr>
<tr>
<td>Including</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>175 000 volumes</td>
</tr>
<tr>
<td>44</td>
<td>575 000 volumes</td>
</tr>
<tr>
<td>45</td>
<td>included in 43 (all closed access stacks are equipped with compact shelves)</td>
</tr>
<tr>
<td>46</td>
<td>5 000</td>
</tr>
<tr>
<td>47</td>
<td>0</td>
</tr>
<tr>
<td>48</td>
<td>36</td>
</tr>
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c Mechanical features

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>49</td>
<td>Air conditioning with cooling</td>
</tr>
<tr>
<td>50</td>
<td>Central heating system with automatic control</td>
</tr>
<tr>
<td>51</td>
<td>General lighting combined with special lighting on each desk. The bright sunlight is reduced by the louvers in the windows.</td>
</tr>
<tr>
<td>52</td>
<td>The noise is minimized by using sound baffle panels around the copy machines and printers.</td>
</tr>
<tr>
<td>53</td>
<td>3 elevators (1 for public, 1 for staff, 1 for books)</td>
</tr>
<tr>
<td>54</td>
<td>none</td>
</tr>
<tr>
<td>55</td>
<td>RFID tags for books in open stacks</td>
</tr>
<tr>
<td>56</td>
<td>Full-computerised house control</td>
</tr>
<tr>
<td>57</td>
<td>LAN (1 Gb) WiFi available everywhere</td>
</tr>
<tr>
<td>58</td>
<td>RFID technology for self-services (check-in/check-out) and returned books sorting, card operated access control system</td>
</tr>
</tbody>
</table>
D Schedule of the building process (dates)

59 2002–2005
60 2006
61 2007
62 3/2008
65 13. 1. 2010

E Costs (including taxes)

66 No fee, site is the property of University of South Bohemia in České Budějovice
67 N/A
68 N/A
69 N/A
70 170 million CZK (6.8 million EUR)

F Publications
Reading Rooms on 1st and 2nd Floor  © Ing. Jan Cihlář

Stairs and Lift  © Ing. Jan Cihlář
Plan of the First Floor  © Ing. Jan Cihlář

Plan of the Second Floor  © Ing. Jan Cihlář
Plan of the Third Floor  © Ing. Jan Cihlář
### Regional Library of Highlands.
### Havlíčkův Brod, Czech Republic

#### A. General information about your library

##### a. Name and address

1. Regional public library
2. Regional Library of Highlands / Vysocina Region
3. Havlíčkovo náměstí 87, Havlíčkův Brod, Czech Republic
4. T +420 569 400 499, F +420 569 400 490, E knihovna@kkvysociny.cz
5. Mgr. Veronika Peslerová
6. Ing. Jitka Hladíková, hladikova@kkvysociny.cz

##### b. Population served

7. 6 646
8. 0
9. 0
10. 0

##### c. Conditions of the library (before the new project)

11. 802 m²
12. 143
13. 258 653 volumes
14. 75 009 volumes
15. 183 644 volumes
16. 37
51 hours per week, 294 days per year

B The new building: aims and features

a Architect(s)

18 htsA, Ing. arch. Ivo Herman, Ing. arch. Aleš Tomášek, Robert Seidl, Letenské náměstí 3, Praha

19 Ing. arch. Ivo Herman, Ing. arch. Aleš Tomášek, Robert Seidl

20 new building

b Aims of the new building

21 The main objective is to build, at one place, a modern library with complex services that reflect all readers’ needs. We want to offer maximum of our documents in an open access storage, more study capacity for learning as well as relaxation in a pleasant atmosphere. We would like to provide the public with a range of cultural and educational activities. The new library should become a meeting point and the centre of free-time activities during our extended working hours.

The vision is to build an open institution that offers wide range of services and that is a constantly developing unit bringing more information, cultural and educational opportunities to the public in our region. We will offer place for meetings of all kinds, we will enable access to a large fund of documents and new information technologies.

The main support will be brought by our professional staff. We will create a modern institution which meets the highest demands of our funder – the Highlands Region.

Slogan: Library – the most important place in your life.

c Special Features

22 Construction property for the new building lies near the centre of Havlickuv Brod and is currently used by a local County Hospital.

23 The new building is going to be a completely new construction. In its bottom part there is a street – a natural pathway from the centre. The level of this street creates a pre-entrance space followed by staff entrance leading to the lower floor.

The building is a 2-storey construction, partly placed underground and with a green roof. From the outside the building is formed by three glass walls: by southern side 2-storey façade with the main entrance, western side 2–storey façade with the staff/service entrance as well as
garage gate, and the northern side1-storey façade office part of the
building and a set of skylights in the green roof.

This concept limits the length of facades to an accessible scale–there
are quite small houses in the library surroundings. It also minimizes
heating loss, heating demands and the running costs as well as demands
for other technical equipment.

Facades enable view overlooking the main reading space. Glass walls
are possible to open and together with the skylights they allow natural
ventilation in all directions.

Ground plan is in the shape of uneven trapezium.

After entering the building, visitor passes cafeteria and comes to the
entrance hall with public PC area. The entrance hall serves also as an
exhibition space. Light comes to this area through an opening in the
upper floor. In the entrance hall there are educational rooms as well as
lavatories and a cloakroom. To the western side of the building there is
a garage on the ground floor and a technical room with a book stock.

Open access book space as well as offices are located on the upper
floor – all area is evenly illuminated by natural lighting.

Offices are separated from the rest of the area by bookshelves and
a glass wall. Despite the fact that the building itself is covered by soil
from most sides, visitors have a visual contact with surrounding area
from the upper floor too. Open free booking space is divided by a block
of lavatories into eastern – busier and western – quieter part. This also
affected librarian fund divisions.

The farthest part is a quiet study room.

C  Technical information about the new building

a  Floor area (24 to 35)

24  5 665 m²

Divided into

25  2 200 m²

Special rooms (26, 27, 28, 29)

26  1 hall for 91 people, 1 lounge – 70 m²

27  1 computer study, 30 m²

28  no

29  As in No 27. – 1 computer study, 30 m²
Special activities (30, 31, 32)

30 entrance hall 213 m², lounge 70 m²
31 As in No 26. – 1 hall for 91 people, 1 lounge, 70 m²
32 cafeteria 150 m²
33 500 m²
34 530 m², technical rooms 66 m²
35 510 m² (incl. machine shop 120 m², staff cloakroom 76 m²), car park for 50 cars (1 150 m²)
36 2 levels
37 335 seats
Divided into
38 91 seats in hall, 40 seats in lounge
39 12 seats in computer study, 20 seats in public internet area, 10 seats at computer searching catalogues
40 12 seats in computer study, 40 seats in lounge
41 162 seats

b Total potential capacity of shelving (linear metres or volumes)

42 350 000 volumes
Including
43 5 258 linear metres of shelving in open access as projected
44 156 linear metres
45 5 700 linear metres
46
47
48 40

c Mechanical features

49 Air Conditioning with temperature adjustment of air mains, natural ventilation operated automatically
50 Hot-water heating (radiators), the heating source is shared with neighbouring hospital
51 Natural even lighting all over the open-access space, fluorescent tubing
52
53 1 public lift, 2 service lifts
54 no
55 yes
56 yes
57 Planned CAT 6E
58 Outside blinds

D Schedule of the building process (dates)

59
60 2006
61 Project was finished in 2009
62
63
64
65 Depending on financing 2014–2020

E Costs (including taxes)

66 0
67 Financial estimate based on project: 204 million CZK (according to a financial situation in 2009) (8.2 million EUR)
68 0
69 0
70 0

F Publications

Regional Library of Highlands. Havlíčkův Brod, Czech Republic
Regional Library of Highlands. Havlíčkův Brod, Czech Republic
A General information about your library

a Name and address

1 Public, city library
2 Městská knihovna Louny (City library of Louny) / Municipality of Louny
3 Mírové náměstí 1, 440 01 Louny, Czech Republic
4 T +420 734 521 903, E mkl@mkl.cz
5 Mgr. Dagmar Bahnerová
6 Mgr. Dagmar Bahnerová, +420 736 645 912

b Population served

7 4 344 (9. 12. 2011)
8 629 students from 16 to 27 years, 1073 students from 6 to 15 years (9. 12. 2011)
9 0
10 10

c Conditions of the library (before the new project)

11 702 m²
12 115
13 155 647 books
14 109 292 books
B  The new building: aims and features

a  Architect(s)

18  REAL-INVESTA spol. s r. o.
19  Ing. Jan Svitavský
20  renovation

b  Aims of the new building

21  The aim was to build a multifunctional, educational and information centre of city library. A strong motive was also the need to find a use for the empty building of the former City court. Another problem were the insufficient and inadequate spaces for the operation of the municipal library. The old library spaces were small and inadequate for all activities we offer to our visitors.

c  Special Features

22  The library is located in the centre of the town, on the main square, in the old building of former town hall and city court.
23  The building stands on a “U” plan with a big space (court) in the centre, with narrow and small renaissance windows. It has disabled access.

C  Technical information about the new building

a  Floor area (24 to 35)

24  1 591 m²

Divided into

25  4 rooms

Special rooms (26, 27, 28, 29)

26  1 audiovisual and multimedia room
Městská knihovna Louny (City library of Louny). Louny, Czech Republic

27 4 rooms (see number 26, 1 in studding department, 1 in children’s department and internet café)

28 1 space

29 5 (see number 26, 1 studio, 1 small room, 1 in café, 1 in children’s department)

Special activities (30, 31, 32)

30 2 spaces (1 in main gallery, 1 in café)

31 5 (see number 26, 1 studio, 1 small room, 1 in café, 1 in children’s department)

32 1

33 6 rooms

34 16 rooms

35 1 lift, 11 toilets, 3 technical room, 6 stairs

36 4 levels (basement, 1st, 2nd floor and attic), 2 public levels (1st, 2nd floor)

37 313

Divided into

38 35

39 23

40 78

41 177

b Total potential capacity of shelving (linear metres or volumes)

42 1 858 linear meters

Including

43 1 738 linear meters

44 310 linear meters

45 0

46 190 linear meters

47

48 20
c  Mechanical features

49  no
50  yes
51  yes
52  yes
53  1
54  no
55  yes (cameras)
56  yes
57
58

D  Schedule of the building process (dates)

59  February 2006
60  May 2006
61
62  January 2009
63  13 months
64  April–July 2010
65  1. 8. 2010

E  Costs (including taxes)

66  0
67  36 million CZK
68  7.5 million CZK
69  2.2 million CZK
70  45.7 million CZK

F  Publications
Městská knihovna Louny (City library of Louny). Louny, Czech Republic

Library, General View from the Square  © Rostislav Glazer

Library – the New-Built Lift, View from the Courtyard  © Hana Větrovská
### Town Library in Soběslav.
Soběslav, Czech Republic

#### A General information about your library

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<tr>
<td><strong>a</strong></td>
<td>Name and address</td>
</tr>
<tr>
<td>1</td>
<td>Public, town library</td>
</tr>
<tr>
<td>2</td>
<td>Town Library in Soběslav / Město Soběslav (Municipality of Soběslav)</td>
</tr>
<tr>
<td>3</td>
<td>Horní příkopy 76/23, 392 01 Soběslav</td>
</tr>
<tr>
<td>4</td>
<td>T +420 381 524 187, E <a href="mailto:knihovnasobeslav@seznam.cz">knihovnasobeslav@seznam.cz</a></td>
</tr>
<tr>
<td>5</td>
<td>Mgr. Alena Fremrová</td>
</tr>
<tr>
<td>6</td>
<td>+420 381 524 187</td>
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<tr>
<td><strong>b</strong></td>
<td>Population served</td>
</tr>
<tr>
<td>7</td>
<td>1 409</td>
</tr>
<tr>
<td>8</td>
<td>N/A</td>
</tr>
<tr>
<td>9</td>
<td>N/A</td>
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<tr>
<td>10</td>
<td>N/A</td>
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<tbody>
<tr>
<td><strong>c</strong></td>
<td>Conditions of the library (before the new project)</td>
</tr>
<tr>
<td>11</td>
<td>300 m²</td>
</tr>
<tr>
<td>12</td>
<td>30</td>
</tr>
<tr>
<td>13</td>
<td>31 000 volumes</td>
</tr>
<tr>
<td>14</td>
<td>30 000 volumes</td>
</tr>
<tr>
<td>15</td>
<td>1 000 volumes</td>
</tr>
<tr>
<td>16</td>
<td>3</td>
</tr>
</tbody>
</table>
B The new building: aims and features

a Architect(s)

18 Ateliér Kročák – architekt, Riegrova 20, 370 01 České Budějovice

19 Ing. arch. Jaromír Kročák, Ateliér Kročák–architekt, 
Collaboration: Ing. arch. Jana Rozkopalová, Ing. arch. Petr Hornát, 
Ing. arch. Václav Čihák, Ing. Tomáš Fuit

20 renovation

b Aims of the new building

21 The main aim is to preserve and improve the premises of a historic castle, which had been decaying for a long time and the condition had been critical before the revitalisation.

The revitalisation and new use of the castle is in accordance with the needs of the town and the region—the building of the town library meant that a new role had been found for the historical castle. The castle premises are re-incorporated into the town.

Improvements of the preserved structures in light of the historic preservation and its preservation for future generations without any considerable intervention in the listed structures, maximum utilisation of the existing structures for the new construction, possible future disassembly of the new entrance extension without any considerable intervention in the historical structures.

The historical structures and the walls of the castle are permanently exhibited as an artefact thanks to the all-glass walls and the ceiling of the library container—a permanent exhibition of the development and transformation of the castle.

Thanks to the revitalisation of its castle Soběslav has obtained a complex information, cultural and education centre with a regional function.

c Special Features

22 Historic center of Soběslav. The premises are connected with the main pedestrian zone from the Soběslav housing estates to the square in the centre of the town.
The main design criterion for reconstruction and extension of the castle in consideration of the chosen functional purpose is the author's endeavour to connect the original premises with the new structures. This sets a limit for intervention in the existing historical structures. The temporary static safety measures in the form of rods and timber were replaced by a horizontal stiffening reinforced-concrete board built into the walls approximately in the middle of the palace wing. The board defines the floor of the inbuilt library “container” which might be disassembled and removed anytime in the future if future generations wish to change the premises and use them for different purposes.

The library container is both physically and technically separated from the existing wall and roof structures. The container is designed as an all-glass structure, the floor is complete with the required bearing capacity, the walls and the ceiling are all made of glass with sufficient distances from the internal face of the historical walls (with the distance of approx. 90–150 cm between the glass and the original wall). The container has its own “atmosphere” with minimum permanent humidity and temperature in the interior which is necessary for the protection of the stock of books, and the historical structures of the castle walls are, after construction of the container, still in the original “outdoor” setting with the original outdoor humidity and temperature parameters necessary for the stabilisation of the preserved building structures.

The reconstruction of the castle and construction of the library in the palace wing of the castle was completed in June 2010.

C  Technical information about the new building

a  Floor area (24 to 35)

24  746 m²

Divided into

25  700 m²

Special rooms (26, 27, 28, 29)

26  All services are available in the main library hall.

27

28  N/A

29

Town Library in Soběslav. Soběslav, Czech Republic
Special activities (30, 31, 32)

30 Exhibitions take place also in the main library hall.
31 0
32 0
33 2 rooms
34 1 room
35 2 lifts, toilets for staff, public and handicapped people
36 3 levels
37 cca 30–50 seats

Divided into
38 0
39 8
40 0
41 30

b Total potential capacity of shelving (linear metres or volumes)

42 35 000 volumes is the library’s capacity, today it holds 28 852 volumes.

Including
43 28 600
44 252
45 0
46 0
47 0
48 3

c Mechanical features

49 yes
50 yes – gas heating
51 general lighting
2 elevators for people and for books

yes

yes

D Schedule of the building process (dates)

1998

2001–2009

2005

2005–2010

2010

2010

E Costs (including taxes)

0

0

0

0

44.5 million CZK (1.8 million EUR)

F Publications
Entrance to the Library through the Original Gothic Portal © Ing. arch. Jaromír Kročák

Main Entrance © Ing. arch. Jaromír Kročák
Illustrative View of the Main Hall © Ateliér Kročák

Stairs and Elevator to the Library © Ing. arch. Jaromír Kročák

Town Library in Soběslav. Soběslav, Czech Republic
View of the Main Hall from the Castle Roof Truss  © Ing. arch. Jaromír Kročák

Longitudinal Section of the Castle Wing with the Library Layout  © Ateliér Kročák
Ground Floor Plan  © Ateliér Kročák

1st Floor Plan  © Ateliér Kročák

Town Library in Soběslav. Soběslav, Czech Republic
A Information générale sur la bibliothèque

a Nom et adresse

1 Bibliothèque universitaire

2 Bibliothèque universitaire – Section Santé / Université de NANTES

3 9 rue Bias, 44011 NANTES Cedex 1 (France)

4 T +33 2 53 47 47 00, F +33 2 53 48 47 13

5 Madame Hélène GROGNET

6 Monsieur Jean-Philippe SOUAN

b Population desservie

7 3 752

8 5 050

9 n.c.

10 890

c Situation de la bibliothèque (avant le nouveau projet)

11 3 168 m²

12 290

13 6 800 mètres linéaires

14 2 245 mètres linéaires

15 4 555 mètres linéaires

16 15,9
Le nouveau bâtiment: buts et caractéristiques

a Architecte(s)


b Buts du nouveau bâtiment


c Caractéristiques

Localisation de la bibliothèque dans la ville, proche de l’université et proche des transports publics.


Informations techniques sur le nouveau bâtiment

a La surface (25 à 36)

6 022 m²

Divisé en

4 820 m²

Salles spéciales (27, 28, 29, 30)
26 Surface comptée avec l’informatique
27 420 m²
28 24 m²
29 60 m²; 6 salles de travail en groupe (4, 6, 8, et 3 fois 12 places)
Salles pour autres activités (31, 32, 33)
30 221 m²
31 Voir salle de formation (point 29)
32 A l’extérieur de la bibliothèque
33 420 m²
34 782 m²
35 n. c.
36 3 niveaux publics
37 635
Divisé en
38 Commun avec informatique (point 39)
39 100
40 25 places en Formation ou 50 places en Réunion / Conférence
41 510

b Capacité potentielle totale de stockage (mètres linéaires ou vol.)
42 12 920 mètres linéaires
43 5 920 mètres linéaires
44 7 000 mètres linéaires
45 6 000 mètres linéaires
46 n. c.
47 Fonds ancien: 1 000 mètres linéaires
48 16,5 équivalents temps plein. Manque 1 emploi.
c Caractéristiques techniques

49 Ventilation
50 Radiateurs
51 Automatisé pour économies d’énergie
52 Système de sonorisation + baffles acoustiques
53 1 monte-charges de 1 250 kg
54 Non
55 Oui
56 Oui
57 Ethernet 100 Mbits par seconde

D Échéancier de réalisation

59 2001
60 2002
61 2008
62 2009
63 14 mois
64 2011
65 16 août 2011

E Coûts

66 Appartient à l’agglomération de NANTES Métropole
67 13 million EUR TTC
68 1,1 million EUR TTC
69 10% du coût des travaux
70 4,1 million EUR TTC

F Publications
Ouvrages niveau 5

Rayonnages table elec
A Information générale sur la bibliothèque

a Nom et adresse

1 Bibliothèque universitaire
2 Bibliothèque de Droit, Economie, Gestion / Service commun de la Documentation, Université de RENNES 1
3 4 rue Lesage, CS 36402, 35064 RENNES Cedex (France)
4 T +33 2 23 23 34 00, F +33 2 23 23 34 04; E francoise.le-quenven@univ-rennes1.fr
5 Madame Ghyslaine DUONG-VINH, directrice du Service commun de la Documentation; Madame Françoise LE QUENVEN, responsable de la bibliothèque de Droit, Economie, Gestion
6 Madame Françoise LE QUENVEN

b Population desservie

7 7 335 (2010)
8 8 200
9 n. c.
10 293

c Situation de la bibliothèque (avant le nouveau projet)

11 7 460 m²
12 360
13 8 090 mètres linéaires
14 1 025 mètres linéaires
B Le nouveau bâtiment: buts et caractéristiques

a Architecte(s)

18 Atelier Bruno GAUDIN (75011 Paris) + Atelier Bruno GAUDIN (35136 Saint-Jacques de la Lande)

19 Construction (espace Jean Raux) + extension + restructuration du bâtiment qui servira d’extension à la bibliothèque actuelle.

b Buts du nouveau bâtiment

21 Offrir aux 8 200 étudiants du Campus-Centre et aux usagers professionnels des conditions d’accueil nettement améliorées (notamment en ce qui concerne le nombre de places de consultation : de 330 à 700 places.

Rationnalisant l’offre documentaire de l’université par intégration des collections des départements de Droit, Science politique, Sciences économiques et du Centre de recherche européenne de Rennes (CEDRE) dans les fonds de la bibliothèque.

Valoriser le Centre d’excellence Jean Monnet de Rennes en proposant un accueil en Centre-ville.

Davantage de documents en libre accès. Davantage de places de consultation. Développement de la bibliothèque dans le domaine de la recherche. Extension des horaires d’ouverture de la bibliothèque.

c Caractéristiques

22 La bibliothèque concernée par les travaux de restructuration-extension est située en plein centre-ville, sur le campus « Centre », au sein de la Faculté de Sciences Economiques de l’université de Rennes 1, non loin de la Faculté de Droit et Science Politique, mais aussi de l’IGR-IAE (Institut de gestion de Rennes–Institut d’administration des entreprises), de l’IEP (Institut d’études politiques) et de l’IPAG (Institut de préparation à l’administration générale).

A proximité immédiate d’une station de métro mais également très largement desservie par le réseau de bus de Rennes Métropole, la
La bibliothèque est particulièrement accessible. Elle se trouve par ailleurs à proximité immédiate de la Présidence de l’université.

23 Restructuration d’un ancien bâtiment contigu à la BU actuelle : 3 ailes entourent un patio rectangulaire qui sera couvert d’une verrière et transformé en salle de lecture dont les murs seront les actuels murs extérieurs conservés en l’état, ainsi que leurs fenêtres.

La construction de l’extension (Espace Jean Raux), perpendiculaire au bâtiment rénové, présente des façades très vitrées.

L’ensemble du bâtiment est accessible aux personnes handicapées (rampe d’accès + ascenseurs).

Différents matériaux ont été utilisés pour réduire les coûts de maintenance: vitrage auto nettoyant, GTC (gestion technique centralisée), leds, asservissements multiples par le biais du SSI (système de sécurité incendie: centralisation des alarmes)...

C Informations techniques sur le nouveau bâtiment

a La surface (25 à 36)

24 9 534 m²

Divisé en

25 3 517 m²

Salles spéciales (27, 28, 29, 30)

26 50 m² (salle de conférence du Centre d’excellence Jean Monnet – CEJM)

27 20 postes répartis dans les espaces publics + Wifi + branchements électriques sur toutes les tables pour les ordinateurs personnels.

28 407 m² pour le Centre de recherches européennes

29 76 m² à double usage (réunions internes et formation des utilisateurs à la recherche)

Salles pour autres activités (31, 32, 33)

30 233 m² du hall d’accueil pour les expositions

31 50 m² (salle de séminaire et de visioconférence du CEJM)

32 Non

33 1 068 m²
4 620 m², dont 420 m² en stockage dense et 600 m² pour le fonds anciens

287 m²

2 niveaux publics (rez-de-chaussée et R+1) sur un total de 4 niveaux (sous-sol, rez-de-chaussée, R+1 et R+2)

700 dont 149 en tranche de travaux conditionnelle (64 places de travail de groupe)

Divisé en

30

43

30

600

b Capacité potentielle totale de stockage (mètres linéaires ou vol.)

8 520 mètres linéaires

3 900 mètres linéaires

4 620 mètres linéaires

4 620 mètres linéaires

460 mètres linéaires

0

Non

Personnel bibliothèque : 23,8 (dont 2 ETP pour le CEDRE) + vigiles et moniteurs étudiants pour ouverture tardive.

c Caractéristiques techniques

Centrale de traitement d’air double flux dans les salles de lecture, simple flux dans les bureaux.

Centrale de traitement de l’air + plafonds rayonnants, planchers chauffants et convecteurs selon les espaces.

Eclairage naturel par la verrière; éclairage d’ambiance dans les espaces publics allié à des liseuses à leds éclairant directement toutes les places de lecture.

Panneaux acoustiques, portes isophoniques.
2 ascenseurs et monte-charges internes existants remplacés par des monte-charges aux normes.

Non

Oui, RFID

Oui, Gestion technique centralisée (GTC)

Câblage de catégorie 6

Non

**D Échéancier de réalisation**

1er semestre 2008

Novembre 2008

Janvier 2009 – mars 2010

Novembre 2010 ( tranche ferme + tranche conditionnelle 1)

14 mois

A partir d’avril 2012

Septembre – octobre 2012

**E Coûts**

2,5 million EUR

Tranche ferme + tranche conditionnelle 1: 10,2 million EUR TTC ; tranche conditionnelle 2 : 5,1 million EUR TTC ; Total: 15,3 million EUR TTC.

1 million EUR TTC au total

1,394 million EUR TTC

20,194 million EUR TTC

**F Publications**
Façade

Vue sur la salle de lecture
Vue du hall et de la chapelle

Plan de masse

Bibliothèque de Droit, Economie, Gestion. Rennes, La France
A General information about your library

a Name and address

1 University Library: Special Library Medicine

2 Universitäts- und Landesbibliothek Düsseldorf: Fachbibliothek Medizin in der O.A.S.E. / Heinrich-Heine-Universität Düsseldorf

3 Universitätsklinikum Düsseldorf, O.A.S.E., Universitäts- und Landesbibliothek: Fachbibliothek Medizin, Moorenstraße 5, Gebäude 16.61, 40225 Düsseldorf

4 T 49 221 811 2030, F 49 221 811 3054, E sekretariat@ub.uni-duesseldorf.de

5 Mrs. Dr. Irmgard Siebert

6 Mrs. Dr. Irmgard Siebert
Mrs. Ulrike Brunenberg

b Population served

7 27 000

8 Medicine: 3 200

9

10
c Conditions of the library (before the new project)

11 2 646 m²
12 60
13 450 000 books and periodicals
14 50 000
15 400 000
16
17 55 hours per week, 250 days per year

B The new building: aims and features

a Architect(s)

18 HPP Hentrich-Petschnigg & Partner GmbH + Co. KG
19 Volker Weuthen, www.hpp.com, interior design Silvia Pappa
    Innenarchitekten and UKW Innenarchitekten, www.silvia-pappa.de,
    www.ukw-innenarchitekten.de
20 new building

b Aims of the new building

21 › The old Special Library of Medicine had to be closed because of
deceptitude.
› Create a new innovative library corresponding with the idea of
    libraries as well-designed learning spaces and learning grids.
› Usefull and enlarged technical support for the students.
› Create a joint-venture of a modern library and a learning-center
    of the Faculty of Medicine.
› Extend the number of reader seats and study-rooms for students.
› Extension of opening hours to the public:
    Opening hours of the new library:
    Monday to Friday 8.00 a. m. – 12.00 p. m.
    Saturday to Sunday: 9.00 a. m. – 12.00 p. m.

c Special Features

22 › Located on campus, in the middle of the whole campus, between
    university area and clinical area,
near by the “Mensa”,
ne by parking spaces.

Rectangular plan, $22 \times 22$ m, 38 m high, like a tower,
white mosaic of glass, green high windows,
cast-in-place concrete
materials selected to reduce energy costs (according to the german instructions “EnEV 2009”), for example windows
disabled access

C  Technical information about the new building

a  Floor area (24 to 35)

5 055 m²
Divided into
3 033 m²:
reading rooms with holdings of books and periodicals
readers seats in reading rooms and study-rooms
circulation and information desks
cafeteria
conference rooms

Special rooms (26, 27, 28, 29)
0
72 m²
0
250 m²

Special activities (30, 31, 32)
0
123 m²
220 m²
270 m²
0
2 staircases, 2 lifts, 8 technical rooms, 11 toilets
8 levels, 2 mezzanines
b Total potential capacity of shelving (linear metres or volumes)

42 43 000 volumes
including
43 43 000 volumes
44 0
45 0
46
47
48 4 plus security in the evening

c Mechanical features

49 ventilation
50 concrete core activation
51 Energy-saving and LED
52 T-sonic-floors (Toucant-t), acoustic panels on the walls (Ecophon) and
on the tables (buzzy.com)
53 2 lifts
54 —
55 Library: 3M
  Building: Bosch
56 Siemens
57
58 Selfcheck and Sorter: 3M
D Schedule of the building process (dates)

59  2008
60  —
61  2009
62  November 2009
63  November 2009 – April 2011
64  April 2011 – August 2011
65  24th of November 2011

E Costs (including taxes)

66  0
67  13 million EUR
68  1.5 million EUR
69
70

F Publications


The Library Exterior  HPP Architketen, Photographer: Ralph Richter

Learning spaces in the Library at level 07  ULB Düsseldorf
Plan level 05: Library  
HPP Architekten & ARGE UKW Innenarchitekten Krefeld / Silvia Pappa Innenarchitekten Düsseldorf

Plan level 06: Library  
HPP Architekten & ARGE UKW Innenarchitekten Krefeld / Silvia Pappa Innenarchitekten Düsseldorf
A  Allgemeine Information über die Bibliothek

a  Name und Adresse

1  Wissenschaftliche Bibliothek (Universitätsbibliothek)

2  Universitätsbibliothek Freiburg / Albert-Ludwigs-Universität Freiburg

3  Rempartstr. 10-16, D-79098 Freiburg

4  T +49 761 203 3900, F +49 761 203 3987, E direktion@ub.uni-freiburg.de

5  Dr. Antje Kellersohn

6  Ato Ruppert

b  Publikum

7  37 000

8  23 000

9  0

10  6 000

c  Situation der Bibliothek (vor dem neuen Projekt)

11  20 811 m² (HNF, Altbau von 1978)

12  1 020

13  3 410 000 Bände

14  410 000 Bände

15  3 000 000 Bände
B Das neue Gebäude: Ziele und Eigenschaften

a Architekt(en)

19 Herr Heinrich Degelo
20 Renovation

b Ziele des neuen Gebäudes


Während der Großteil des Bibliotheksbetriebes in 2 Auslagerungsbüuden untergebracht werden konnte, müssen die unterirdischen Magazine (Untergeschosse 2 und 3) während der gesamten Bauzeit im Sanierungsgebäude verbleiben und unter der Baustelle bedient werden.

c Spezielle Merkmale

22 Die Universitätsbibliothek befindet sich im Zentrum der Stadt Freiburg in unmittelbarer Nachbarschaft zu den Geistes- und Kulturwissenschaftlichen Fakultät der Universität.

Die Stadt Freiburg plant, den an die Universitätsbibliothek angrenzenden Rotteckring zur autofreien Zone umzuwandeln und den
benachbarten Platz der Alten Synagoge in einen zentralen Begegnungsraum zwischen Universität und Freiburger Öffentlichkeit umzugestalten.


C Technische Information über das neue Gebäude

a Gesamtfläche (25 bis 36)

24 39 400 m² (NGF)

Unterteilt in

25 Alle Bereiche, außer geschlossene Magazine und Bibliotheksverwaltung

Spezielle Räume (27, 28, 29, 30)

26 Medienzentrum mit Arbeitsplätzen zur Mediennutzung, -erstellung und -bearbeitung, Audio- und Videostudios, speziell ausgestatteten Schulungsräumen und einer Cross-Media-Redaktion mit Sendestudios für das Campus-TV und Uni-Radio

27 1 PC-Seminarraum und 1 Lern-Pool, PC-gestützte Präsentationplätze im Parlatorium

28 Sonderlesesaal für historische und besonders schützenswerte Bestände

29 6 Seminar- und Schulungsräume, 1 Raum für Videokonferenzen

Räume für andere Aktivitäten (31, 32, 33)

30 3 ausgewiesene Zonen im Parlatorium und im Veranstaltungsraum

31 kombinierter Ausstellungs- und Veranstaltungsraum mit 200 Sitzplätzen

32 Das Café im EG ist integraler Bestandteil der Bibliothekskonzeption (Stichwort Lernlounge), im Sommer ist eine Außenbewirtung auf dem Vorplatz vorgesehen.
Anstelle von traditionellen Einzel- oder Gruppenbüroräumen wird überwiegend eine offene Bürolandschaft geplant.

2 Magazingeschosse geschlossen (UG 2 und UG 3)

9 Stockwerke, davon 3 Untergeschosse, 7 öffentliche Stockwerke

1 700 (zuzüglich Sitzplätze im Veranstaltungsraum, in den Seminarräumen, Café und Medienzentrum)

Unterteilt in

b Gesamtkapazität Stellfläche (Laufmeter oder Bände)

4 430 000 Bände

230 000 Bände im Lesesaal und 700 000 im Freihandmagazin

3 500 000 Bände (im Endausbau unter Nachverdichtung nach Bezug)

2 Linearaufzüge (Gilgen) über alle Stockwerke

Mechanische Eigenschaften

Mechanische Lüftung mit Vortemperierung des Luftstroms über Quellwasser (Kühlung) und Dampf (Heizung)

Anschluss an zentrale Dampfleitung

in Planung

6 Personenaufzüge und 1 Lastenaufzug

2 Linearaufzüge (Gilgen) über alle Stockwerke
D  

**Zeitplan**

- 2003
- 2006
- 10/2008
- 2008–2013
- 2013
- Ende 2013

E  

**Kosten**

- 0
- 44 million EUR
- 0
- 0
- 0

F  

**Veröffentlichungen**

Kellersohn, Antje, Ruppert, Hans-Adolf: Neben und unter der Baustelle...
24/7 Service auf dem Weg zur UB Freiburg 2013 In: Hauke, Petra; Werner, Klaus Ulrich (Hrsg.): Bibliotheken heute! Best Practice in Planung, Bau und Ausstattung Bad Honnef: Bock + Her

(download: http://www.b-i-t-online.de)


Visualisierung der neuen Universitätsbibliothek Freiburg
Quelle: Degelo Architekten, Basel; Visualisierung: Architron
Visualisierung der neuen Universitätsbibliothek Freiburg
Quelle: Degelo Architekten, Basel; Visualisierung: Architron

Erdgeschoß mit zentraler Auskunftstheke, Medienrückgabe, Café und Garderobe
Entwurf: Degelo Architekten, Basel; © Bene, UB Freiburg u. UBA Freiburg
1. Obergeschoss mit Lesesaalbereich, Parlatorium und Veranstaltungsraum

2. Untergeschoss mit geschlossenem Magazin

5. Obergeschoss (Bibliotheksverwaltung)
A  General information about your library

a  Name and address

1  University library

2  John Paul II Library / National University of Ireland, Maynooth

3  Maynooth, Co Kildare, IRELAND

b  Population served

7  10 000

8  7 000

9  2 000

10  600

c  Conditions of the library (before the new project)

11  4 000 m²

12  680

13  330 000 volumes

14  320 000 volumes

15  10 000 volumes

16  49
The new building: aims and features

a Architect(s)
18 Scott Tallon Walker
19 St. John Handley
20 extension

b Aims of the new building
21 Address need for greater stock and seating capacity while also meet demand for 24/7 capability, ubiquitous wifi, more end-user power supply, teaching rooms and a range of student space from the social to the silent.

c Special Features
22 Located in Maynooth Ireland’s only University town, the campus is divided by a road into north and south with the library in the centre acting as a nexus. The campus hosts two institutions – National University of Ireland, Maynooth and St. Patrick’s College Maynooth and the library serves both.

23 The extension is based on a precast concrete grid of 6.5 metres. There is a glass twin wall system on the upper floors. The building complies with all access and safety regulations including for example the provision for a mothering room. The building has a range of green features including water attenuation tanks, seeded roof, smart lighting. A virtual fly through can be viewed at: http://www.youtube.com/watch?v=AKaiUGm6m8U

C Technical information about the new building

a Floor area (24 to 35)
24 The total library will have a floor area of 10 200 m² of which 6 200 is the new extension

Divided into
25 7 950 m²
Special rooms (26, 27, 28, 29)

26  none dedicated
27  160 m² dedicated but provided at multiple locations throughout the building
28  190 m²
29  211 m²

Special activities (30, 31, 32)

30  84.5 m²
31  none
32  116 m²
33  1 400 m²
34  90 m²
35  —
36  3 levels, all accessible by registered users, only the front of the ground floor will be totally open to the public
37  1 500

Divided into

38  no dedicated seating
39  50
40  262
41  1 188

b Total potential capacity of shelving (linear metres or volumes)

42  450 000 volumes

Including

43  356 000 volumes
44  17 000 volumes
45  72 000 volumes (not included in 43 or 44)
46  5 000 volumes
47  N/A
2 additional staff onto existing staff of FTE in this library of 45.

c Mechanical features

natural using twin wall system
natural using twin wall system
smart lighting throughout
use of materials and coffers in precast concrete
2 lifts
no
electro magnetic tattle tape based
yes
wired to deliver all fixed points with 1GB, wifi throughout

D Schedule of the building process (dates)

commenced 2006
2008
2010
December 2010
due to complete autumn 2012
summer 2012
October/December 2012

E Costs (including taxes)

N/A
20 million EUR
N/A
N/A
N/A
Perspective View of Plaza and Proposed Library Looking North

Perspective View of Ramp and Plaza Looking South
Perspective View of Plaza and Proposed Library Looking West

Ground Floor Plan  Scott Tallon Walker Architects
First Floor Plan  Scott Tallon Walker Architects

East and North Elevation  Scott Tallon Walker Architects

John Paul II Library. Maynooth, Ireland
West and South Elevation  Scott Tallon Walker Architects
A General information about your library

a Name and address

1 University library
2 Information Expertise Centre / Eindhoven University of Technology
3 Den Dolech 2, 6512 AZ Eindhoven, The Netherlands
4 T 0031 402 472 360, F 0031 402 447 015
   E H.W.J.Deurenberg@tue.nl
5 Mrs J. C. M. Figdor msc
6 Mrs H. W. J. Deurenberg msc

b Population served

7 14 000
8 7 655
9 0
10 3 274

c Conditions of the library (before the new project)

11 5 842 m²
12 408
13 312 197 books, 40 000 e-books, 429 printed journals, 15 040 e-journals
14 171 474 books
15 140 723 books
B  The new building: aims and features

a  Architect(s)

18  Ector Hoogstad Architecten, www.ectorhoogstad.com
19  Joost Ector
20  renovation

b  Aims of the new building

21  To create a building with facilities for the academic community of the
TUE especially for students and for the Department of Mathematics and
Computer Science. The old W-Hal, the former technology hall of the
faculty of Mechanical Engineering (cultural heritage) is renovated and
extended to the new building called “MetaForum”.

In the lower part of the building are the following facilities grouped
together: University Library, Student Information Center, Notebook
Service Center, Dictations Shop, Reproshop, Facilities for Honors
Program (TUE program for excellent students) and the Common Room
(facility for foreign students). There are various types of seats for visitors
(study, relax, group rooms). The ground floor will offer 8 lecture rooms.

On the top is a separate building element for the Department of
Mathematics and Computer Science.

c  Special Features

22  Location of the building: Campus of Eindhoven, University of
Technology close to city centre. There is excellent access to the
university by train and busses.

23  The unique spatial qualities of the existing W-Hall, such as the pleasant
incidence of light through the “chessboard roof”, will come into their
own even more following the transformation.

Ingeniously concealed technology leaves the transparent and airy
character of the former W-Hall building intact. As usual throughout
the campus, the first floor forms the main traffic level, with corridors
connecting it with the surrounding buildings. From this level, it will be
possible to make a spectacular descent into the library below, which is
housed partly in a new basement (under the existing building!).
An adventurous staircase leads up from the first floor to the (newly built) faculty of Mathematics & Computer Science, which will be raised above the hall by means of twenty slender columns. The faculty programme is compressed here into a very compact building, which is transected by a small but unique atrium to provide sufficient daylight. What appears to be a fairly closed facade creates a dramatic contrast between the fragility of the substructure and the massive metal “block” on top.

C  Technical information about the new building

a  Floor area (24 to 35)
  24  26 000 m²
    Divided into
  25  4 500 m²
    Special rooms (26, 27, 28, 29)
  26  115 m², room with 12 cabines and a central desk
  27  no special rooms but special computer desks, bring your own laptop, wireless access is provided
  28  are digital available
  29  668 m², rooms ranging from 65 to 140 m²
    Special activities (30, 31, 32)
  30  110 m² and 280 m² on the first floor, here is a special “computer floor” constructed for easy acces to electrical power and data access points
  31  no
  32  116 m² canteen for food and (soft) drinks, lunches are served
  33  717 m²
  34  6 500 m shelves in another building
  35  350 m² corridors, 150 m² toilets, 420 m² technical rooms
  36  the library is situated on 3 levels
  37  1 000
    Divided into
b Total potential capacity of shelving (linear metres or volumes)

42 4 300 open shelving and 6 500 closed shelving

Including

43 4 300
44 6 500
45 no
46 6
47 no
48 49

c Mechanical features

49 Balanced mechanical supply and return of air. If necessary, the air is cooled from the WKO of the TU/e. (WKO = warmte/koude opslag = heat and cold storage).

50 The substructure/downstairs/ground floor is heated with radiant heat. The superstructure/upper floor(s) are heated with forced hot air.

51 Individually adjustable lighting that is also day light dependent. Lights are turned on by hand. Lights will turn off when there is no more movement in the room. (motion sensored)

52 Drop ceilings with absorption defined by use (prevention of echoing) and inner walls with acoustic insulation. (i.e. Drop ceilings engineered to absorb echoing, and inner walls with acoustic insulation.)

53 Energy efficient elevators (5 units), operable from the security booth

54 no special systems

55 RFID

56 LON-/GBS, a campus system
Cables: CAT 6A (for the department of Mathematics and Computer Science) and wireless with access points for students.

**Schedule of the building process (dates)**

- planning started in September 2007, the construction in May 2010
- In April – July 2007
- July 2007 – Jan 2010
- May 2010
- May 2010 – July 2012
- July – August 2012
- planned in Septembre – Novembre 2012

**Costs (including taxes)**

- 2.5 million EUR incl taxes
- 43 million EUR incl taxes
- 1.5 million EUR incl taxes
- 6.6 million EUR incl taxed
- about 55 million EUR incl taxes

**Publications**
3D-Image – Exterior Architect Ector Hoogstad

3D-Image Interior Architect Ector Hoogstad
Information Expertise Centre. Eindhoven, Netherlands

3D-Image Interior   Architect Ector Hoogstad

Plan – Ground Floor   Architect Ector Hoogstad
Plan First Floor  Architect Ector Hoogstad

3d-Section  Architect Ector Hoogstad
A  General information about your library

a  Name and address

1  University library
2  Tilburg University Library / Tilburg University
3  Warandelaan 2, 5037 AB Tilburg, The Netherlands
4  T +31 (0)13 466 3111 (Mo–Fri): Library Service Desk
   T +31 (0)13 466 2121 (Mo–Fri): Secretary
   E see nr. 6 Mrs. Ine Appels
5  Mr. ir. M. J. (Marc) van den Berg
6  Mrs. C. A. G. M. (Ine) Appels
   Head of Department: Communication and Secretariat.
   E-mail: c.a.g.m.appels@uvt.nl

b  Population served

7  Active borrowers: 32 973, all registered borrowers: 53 441
8  Including part time students: 13 153 students, 1 050 international
   students, 354 PhD students
9  See nr. 8
10  About 2 000

c  Conditions of the library (before the new project)

11  880 m² including closed stacks, closed stack alone 105 m²
12  948
The number of volumes in the library before the renovation is unknown, but it was much higher than the current numbers. The collection underwent thinning.

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The number of volumes in the library before the renovation is unknown, but it was much higher than the current numbers. The collection underwent thinning.

Total 54.9 FTE (not all of them are working in the library building)

Monday–Friday: 08:00–23:00hrs (about 3 900 hours per year) Saturdays–Sunday: 10:00–18:00 hrs (about 832 per year) Average 361 days per year. Total hours of opening: about: 4 732.

B The new building: aims and features

a Architect(s)

Merkx+Girod Architects, Amsterdam, The Netherlands, www.merkx-girod.nl

renovation

b Aims of the new building

A new layout with new facilities in relation to educational support. More library materials in closed stacks. An open and inviting building adapted to the present: an attractive place to study and work. Adapted to rapidly changing requirements, allowing flexibility in the establishment, easily redesign, is the goal.

Specialty rooms for students and staff members to experience new AV-materials etc, a special open workspace for staff members.

Bright and light.

c Special Features

The library is located in the center of the campus.

› rectangular plan
› 3 levels, entrance on the 1st floor
the floors are enclosed by concrete panels with a regular series of windows.
blinds attached to the facade

C Technical information about the new building

a Floor area (24 to 35)

24 880 m² including closed stacks, closed stack alone 105 m²
Divided into
25 not specified
Special rooms (26, 27, 28, 29)
26 A viewing and editing room on level 1.
27 On all levels: open access, rooms for groups, special room for individuals.
28 In a specially secured and climate-controlled area are old prints, topographical maps and old manuscripts.
29 Teaching room on level 1.
Special activities (30, 31, 32)
30 2 display cases of glass: on level 0 and 1.
31 1 instruction-room on level 1.
32 1 study cafe on level 1.
33 On all levels: special and open staff areas with pantry and meeting-rooms. Flexible workplaces: employees use a laptop. Note: Not every staff member works in the library building. The secretariat, the communications department etc. are housed elsewhere on campus.
34 Situated on level 0 with 2 entrances. Only accessible by staff.
35 not specified
36 3 levels
37 948 divided into: Silent area: 244 computers (48 with laptop holder), 210 places for group work: 2–8 people, 494 individual study places with computers
Divided into

38 A viewing and editing Room on level 1.
39 see nr. 37
40 1 instruction-room on level 1.
41 see nr. 37

b Total potential capacity of shelving (linear metres or volumes)

42 566 815 volumes

Including

43 115 890 volumes (A journal is counted as 1 title, but may consist of multiple physical copies.)
44 450 925 volumes, elsewhere on campus: about: 373 350 volumes
45 Not specified
46 Not specified
47 see nr. 28
48 Not specified for the library. For the total see nr. 16

c Mechanical features

49 Air Conditioning
50 District heating (Gas)
51 offices, meeting rooms, student area, study cafe: in Es (lux): 450 walking areas, restrooms, closed stacks: in Es (lux): 200

Energy saving. In the offices, meeting rooms, instruction rooms: the lights react to movement. If no one is in this room, the light goes off automatically.

52 Based on the legal requirements, acoustic energy is applied. Measures have been taken by:
(1) Description of separation:
walls between office rooms / study workplaces, walls between the office / workplace study and meeting space, walls between meeting rooms, walls with a door between the office room / study and work progress, walls with a door between meeting room and hallway.
(2) Type of rooms:
offices and office gardens, student workstations, instruction-en
presentation rooms, general circulation areas, bathrooms, study café / pantry for employees, print/repro- and computer rooms, technical areas.

1 outside the building for persons and materials (to reach the entrance on level 1)
2 inside the building for persons/materials, 1 for materials (persons too), a small one only for books etc (between level 0 and 1).

Autocheck Systems Nederland

10 Gb/s Internet connection via SURFnet.
In the workplace, 100 MB/s (occasionally 1 GB/s).
Cabling Type in the workplace FTP.
Single mode fiber between buildings.
Multimode fiber in buildings.

D Schedule of the building process (dates)


In full service: May 2010.

E Costs (including taxes)
Publications
Level 2 – Study Places

Stairs between Level 1 and 2
A General information about your library

a Name and address

1 University library

2 Centrum Informacji Naukowej i Biblioteka Akademicka (CINiBA), The Scientific Information Centre and Academic Library (Polish acronym: CINiBA) / Joint library of the University of Silesia in Katowice and the University of Economics in Katowice

3 Bankowa St.11a St., 40-007 Katowice, Poland

4 T +4832 786 50 50, E info@ciniba.edu.pl

5 Professor PhDr. Dariusz Pawelec

6 Jadwiga Witek

b Population served

7 33 600 (Library of the University of Silesia) + 12 100 (The Library of the University of Economics in Katowice) + region

8 22 360 (Library of the University of Silesia) + 8/9. 11 100 (The Library of the University of Economics in Katowice)

9 8 800 (Library of the University of Silesia)

10 2 440 (Library of the University of Silesia) + 1 000 (The Library of the University of Economics in Katowice)
c Conditions of the library (before the new project)

11 14 835 m² (Library of the University of Silesia) + 1 328 m² (The Library of the University of Economics in Katowice)

12 273 (Library of the University of Silesia) + 169 (The Library of the University of Economics in Katowice)

13 550 000 volumes (Library of the University of Silesia) + 341 000 volumes (The Library of the University of Economics in Katowice)

14 42 374 volumes (Library of the University of Silesia) + 92600 volumes (The Library of the University of Economics in Katowice)

15 510 000 volumes (Library of the University of Silesia) + 269 373 volumes (The Library of the University of Economics in Katowice)

16 100 (Library of the University of Silesia) + 47 (The Library of the University of Economics in Katowice)

17 54 hours/week, 324 days/year

B The new building: aims and features

a Architect(s)


19 Dariusz Herman, Piotr Śmierzewski, Wojciech Subalski

20 new building

b Aims of the new building

21 The Centre will support science-related and culture-producing activities of the region’s academic community. Opening of the Centre will have a positive impact on the situation of Silesian students and researchers in terms of improving their access to didactic and scientific materials, books and magazines, as well as to top-quality knowledge about contemporary science. The Centre will combine the traditions of academic libraries with a modern vision of a regional centre of scientific and business information.

In short: more holdings in open stacks, more readers seats, development of the library in the field of research, computer and audiovisual materials, development of training for non-student readers, extension of the opening hours to the public, high quality of services and library and information sources, the only regional science centre,
open for a range of expectations in terms of science, culture, education and knowledge. The new facility of the Scientific Information Centre and Academic Library is designed to store approx. 1.8 million book volumes. After the opening, it will store approx. 800 thousand book volumes.

c  Special Features

22 The Centre will be situated in the centre of Katowice, on Bankowa street, in direct neighbourhood of already-existing facilities of the main campus of the University of Silesia and University of Economics. Location in the city centre ensures a convenient access to the Centre using the existing road network, as well as tram, bus and railway network.

23 The building was a rectangle of the following dimensions: 63.75 m × 46.25 m. Its open-access part is a three-storey structure which includes: on the ground floor: the main hall with adjoining reading rooms and lending libraries, conference rooms with capacity to seat approx. 90 persons, didactic room with capacity to seat approx. 30 persons, and other rooms; on the 1st and 2nd floor: open space for collections of books, acting at the same time as lending rooms in which the users, supervised by librarians, will be able to get the books, general and specialist reading rooms as well as rooms for librarians and administrative workers. Above this part of the building another one, also rectangular one was constructed, which is 14.3 m high and has the following dimensions: 48.75 m × 16.25 m. It will be used for the following purposes: on the 3rd floor rooms for employees of the department of book collection and compilation will be located; on the 4th and 5th floor storehouses closed for the readers will be located, including rooms for storing special collections on the 4th floor, and rooms for protected collections on the 5th floor.

C  Technical information about the new building

a  Floor area (24 to 35)

24 13 260 m²

Divided into

25 6 100 m²

Special rooms (26, 27, 28, 29)
26 210 m² (Multimedia, Carrels and Learning Lab)

27 Computers in the open areas, in group and individual study rooms and in the reading rooms in administration and staff areas

28 60 m² (special collection study room and closed access stacks)

29 330.50 m² (Learning Lab, Seminar Room and Conference Room)

Special activities (30, 31, 32)

30 352 m²

31 736 m² (reading room, current press, carrels, multimedia etc.)

32 138.5 m²

33 1 553 m²

34 2 850 m²

35 4 320 m²

36 7 levels: 3 public and staff levels (7 685 m²), 4 levels with closed access stacks and administration and staff areas (5 575 m²)

37 850

Divided into

38 10

39 340 in open access and staff areas

40 40 – Seminar Room, 90 – Conference Room, 30 – Learning Lab I, 35 – Learning Lab II

41 350

b Total potential capacity of shelving (linear metres or volumes)

42 1 800 000 volumes (56 250 linear metres)

Including

43 340 000 volumes

44 1 460 000 volumes

45 1 460 000 volumes

46 N/A

47 N/A
c Mechanical features

- Mechanical ventilation
- Floor heating and convection
- Natural, classic and emergency
- Soundproof Learning Lab and Conference Room
- 4 lifts
- 2 lifts, book-drop machine, sorters
- RFiD + EM
- BMS
- FC-10Gbps, Kat “6+” net cable 10Gbps/1Gbps

D Schedule of the building process (dates)

- March 2003
- Summer 2008–Summer 2009
- September 2009
- September 2009–June 2011
- Summer 2011–Summer 2012
- September/October 2012

E Costs (including taxes)

- Own
- 17.3 million EUR
- 3.4 million EUR
- N/A
- 20.7 million EUR
Publications


Finansowanie budowy Centrum Informacji Naukowej i Biblioteki Akademickiej w Katowicach / Dariusz Pawelec, Jadwiga Witek // Fides. – 2010, nr 1/2, s. 50–58

Centrum Informacji Naukowej i Biblioteka Akademicka–nowoczesny model udostępniania zasobów / Małgorzata Waga, Anna Śpiechowicz, Andrzej Kozia / Biblioteka, książka, informacja i Internet 2010: praca zbiorowa. – Lublin: Instytut Bibliotekoznawst

Centrum Informacji Naukowej i Biblioteka Akademicka – biblioteka otwarta w społecznej przestrzeni miasta / Dariusz Pawelec, Jadwiga Witek // Bibliotheca Nostra. – 2011 No. 2

Centrum Informacji Naukowej i Biblioteka Akademicka (CINiBA) w przestrzeni miasta. Wybrane zagadnienia strategii public relations i promocji / Jadwiga Witek [ in print]

Centrum Informacji Naukowej i Biblioteki Akademickiej (CINiBA) – serce uczelni i regionu. Wybrane przykłady działań informacyjnych / Jadwiga Witek [in print].

Serce miasta / Jadwiga Witek [in print]
The Scientific Information Centre and Academic Library building
Photo by Izabela Staszewska

Computers and Books in the Open Areas
Architects
Spaces between 2\textsuperscript{nd} and 3\textsuperscript{rd} Floor  
photo by Marzena Smylla

Hall and Exhibitions Spaces  
photo by Marzena Smylla
Open Access Areas – 3rd floor
A General information about your library

a Name and address
1 University library
2 Library of Poznan University of Technology / Poznan University of Technology
3 ul. Piotrowo 2, 61-138 Poznań, Poland
4 T +48 61 665 3668, F +48 61 665-3615, E biblioteka@put.poznan.pl
5 Mgr. Małgorzata Furgał
6 Karolina Popławska, karolina.poplawska@put.poznan.pl

b Population served
7 12 749
8 9 570
9 1 215
10 1 964

c Conditions of the library (before the new project)
11 1 565 m²
12 95
13 369 771 books, periodicals, standards
14 standards – 42 340, books – 13 781, periodicals – 5 475
15 books – 232 009, periodicals – 76 166
16 50
B The new building: aims and features

a Architect(s)
18 Studio Fikus – Biuro architektoniczne
19 Marian Fikus
20 new building

b Aims of the new building
21 More holdings in open access, more regular readers seats, more computer seats, work group rooms, places for individual work, wi-fi, extension of the opening hours to the public, seminar rooms, free access to books, periodicals, standards.

c Special Features
22 location of the library on Piotrowo campus
23 rectangular plan, high and wide windows, disabled access

C Technical information about the new building

a Floor area (24 to 35)
24 3 680
Divided into
25 1 157 m²
Special rooms (26, 27, 28, 29)
26 63 m²
27 —
28 132 m²
29 119 m²
Special activities (30, 31, 32)
30 50 m²
b Total potential capacity of shelving (linear metres or volumes)

33 626 m²
34 747 m²
35 248 m²
36 2 levels, ground floor and first floor
37 205

Divided into
38 20
39 77
40 28
41 80

42 331 965

Including
43 76 778
44 255 187
45 0
46 27

47 special collections 241 893
48 50

c Mechanical features

49 air conditioning
50 yes
51 yes
52 yes
53 lifts, elevators
no
RFID system, access control, identity cards for employees
yes
Wi-Fi, FastEthernet 100 Mb/s

D Schedule of the building process (dates)
27. 01. 1999
7. 12. 1999
7. 06. 2001
1. 10. 2001
1. 10. 2001 – 14. 10. 2010
11. 2010 – 02. 2011
14. 10. 2010

E Costs (including taxes)
no data
no data
no data
no data
Library and Lecture-Conference Centre total: 75 616 000 / included
European Funds from Regional Programmes – 56 712 000

F Publications
Library – View from the Back  © Natalia Cofta

Main Entrance to the Lending Room  © Natalia Cofta
Biblioteka Politechniki Poznańskiej

I piętro

Czytelnia
Informatorium E-biblioteki
Pokój do pracy zespołowej
Stanowiska dla osób z dysfunkcjami
Kabiny do pracy indywidualnej

Pracownie biblioteczne
Sala seminaryjna
Magazyn
Patio
Korytarze
Sale wykładowe i pomieszczenia CWK

First Floor  © Joanna Pomianowicz

LIBER Architecture Group | Documentation 2012
University Library of the Catholic University in Ruzomberok. Ružomberok, Slovakia

A General information about your library

a Name and address

1 University library

2 University Library of the Catholic University in Ruzomberok / The Catholic University in Ruzomberok

3 Hrabovska cesta 1, 034 01 Ruzomberok, Slovakia

4 T +421 55 68 36 159, E kniznica@ku.sk

5 RNDr. Sona Hlinkova, PhD.

6 RNDr. Sona Hlinkova, PhD.

b Population served

7 5 759

8 4 392

9 3 366

10 675

c Conditions of the library (before the new project)

11 2 473 m²

12 194

13 3 906 linear metres

14 2 731 linear metres

15 1 175 linear metres
B  The new building: aims and features

a  Architect(s)


19  Ing. arch. Stanislav Sutvaj, Ing. Jan Potoma, Mgr. art. Matus Bistan

20  new building

b  Aims of the new building

21  The idea to build new University Library of the Catholic University resulted from a necessity to provide a modern library and information services for the teachers and students of the university. As well as a spacious library located on the seven floors, there will also be University Archives, rooms for lectures and galleries. The building will also contain rooms to organize cultural and social events, publishing, literary and artistic club activities, media activities, quiet study rooms, a section for valuable items and a coffee bar. There will be more available books in open stacks, special archives, more readers seats etc. The library will not only serve lecturers and students of the Catholic University, but will also be open to the wider public of Slovakia. We believe that the new library will become the real heart of the University.

c  Special Features

22  The University Library is built in such a way to create a winged block scheme of existing objects and supports in the long term the idea of a homogenous complex of the Catholic University and it gives the potential for a final urbanisation of the complex in the future. The new library is designed as part of university campus. Library completes the structure of the original building (now buildings of the Faculty of Arts an Education, Auditorium) from architect Skorupa. Campus will be enlarged by a new dormitory, auditorium, chapel and other university facilities.

23  The proposed building consists of two parts—horizontal 4-storey part for the public and the 7-storey vertical section for library administration.
The main structure is of concrete frame. The outer facade is composed of metallic and glass surfaces. The building has disabled access and also the library services will be adapted to disabled persons.

C  Technical information about the new building

a  Floor area (24 to 35)

24 9 265 m²

Divided into

25 4 000 m²

Special rooms (26, 27, 28, 29)

26 120 m²

27 200 m²

28 400 m² (historian Durica collection)

29 300 m²

Special activities (30, 31, 32)

30 320 m²

31 200 m²

32 240 m²

33 1 130 m²

34 110 m²

35 1 800 m²

36 7 administration levels, 4 public levels, 1 basement (archives, technical rooms)

37 570

Divided into

38 30

39 140

40 150

41 250
b Total potential capacity of shelving (linear metres or volumes)

42  22 540 linear metres (790 000 volumes)

Including

43  5 400 linear metres (190 000 volumes)
44  17 140 linear metres (600 000 volumes)
45  0
46  0
47  0
48  21

c Mechanical features

49  air conditioning with automatic control and regulation
50  underfloor heating combined with air conditioning, heat pump source and gas heating
51  main lighting–fluorescent tubes, additional lighting – downlights over the study places
52  we expect low levels of noise in open study places; closed and group study rooms are designed for quiet study
53  3 lifts for 10 people, 1 glazed panoramic lift in entrance place, 2 utility lifts
54  lift + manual hand truck
55  magnetic chip in the book + detection gates
56  automatic control and energy management building, electronic fire alarm, automatic fire-fighting equipment in special archives, etc.
57  structured data cabling, about 900 possible connections (including about 400 in study places) + wi-fi
58

D Schedule of the building process (dates)

59  2005–2006
60  2006
E  Costs (including taxes)

   66  0.4 million EUR
   67  8 million EUR
   68  2.5 million EUR
   69  50 000 EUR
   70  11 million EUR

F  Publications

   The New University Library

   More information: http://kniznica.ku.sk/
University Library of the Catholic University in Ruzomberok. Ružomberok, Slovakia
A General information about your library

a Name and address
1 University library
2 Zentral- und Hochschulbibliothek Luzern – Standort UNI/PHZ-Gebäude / Zentral- und Hochschulbibliothek Luzern
3 Frohburgstrasse 3, CH-6002 Lucerne, Switzerland
4 T 041 228 77 57, T 041 228 77 67, E info.upg@zhbluzern.ch
5 Ulrich Niederer
6 Tobias Schelling

b Population served
7 18 000
8 3 300
9 600
10 900

c Conditions of the library (before the new project)
11 total 1 300 m², 4 sites
12 approx. 200
13 100 000 books (900 000 in a storage depot)
14 100 000
B The new building: aims and features

a Architect(s)

18 Enzmann + Fischer Architekten, Zurich, www.enzmannfischer.ch
19 Oliver Bachmann
20 renovation

b Aims of the new building

21 Centralization of 4 small-scale libraries to one big university library. Aims: Integration of the different holdings to one stock. Various styles of reading areas; reader seats for every 6th student; more open stacks. Extension of the opening hours with a 24/7-access for university members.

c Special Features

22 In the city centre, close to the train and bus station, to the Kultur-und Kongresszentrum (architect Jean Nouvel) and to the Lake of Lucerne. The new, six-level building includes the whole University of Lucerne, parts of the college of education and the library. The library is situated on the first floor.

23 Rectangular plan, 120 × 55 m with three atriums and a glass-roofed main stairway. Remarkable facade (planned as precast concrete panels; carried out as a aluminium construction with synthetic materials). Low ceiling heights (due to the structure of the building).

C Technical information about the new building

a Floor area (24 to 35)

24 5 000 m²

Divided into
Open space library. Separated rooms: reading room for PhD-students; reading room; 3 group study rooms.

Special rooms (26, 27, 28, 29)

26 N/A

27 18 places (not in a separated room)

28 N/A

29 Several in the building, but none in the library

Special activities (30, 31, 32)

30 N/A

31 Several in the building, but none in the library

32 Cafeteria and canteen at the ground floor (outside of the library)

33 N/A

34 N/A

35 Whole building with 5 staircases; library only accessible via the main staircase, 2 lifts. Toilets in the library. Technical rooms in the minor floors of the building.

36 6 levels; library on the first floor; 2nd to 4th floor: offices and seminar rooms of the university; basement and ground floor: lecture rooms, cafeteria, canteen, post office, etc.

37 670

Divided into

38 N/A

39 18

40 3 study rooms

41 Approx. 640

---

b Total potential capacity of shelving (linear metres or volumes)

42 300 000 volumes

Including

43 300 000 volumes
c Mechanical features

49 Ventilation only – no air conditioning
50 Ventilation
51 Ceiling lighting; some of the reader places with individual lighting
52 Reading areas with baffles.
53 Situated on the first floor, the library is accessible via a stairway or a lift.
54 N/A
55 RFID
56 For the whole building operated by the facility management of the university.
57 Multimedia 8, cat. 7; 1Gbit/s

D Schedule of the building process (dates)

59 2004–2005
60 2005
61 2006–2007
62 Dec. 2007
63 Dec. 2007 – June 2011
64 July/August 2011
65 03/09/2011

E Costs (including taxes)

66 30 million EUR
67 64 million EUR (for the construction of the whole building: university and library; incl. fees)

68 6 million EUR (for the whole building)

69 see nr. 67

70 100 million EUR (for the whole building)

F Publications

Library from northwest  photo by © Ulrich Niederer

Entrance  photo by © Priska Kettere
Group Study Area  photo by © Priska Ketterer

Open Stack near the Entrance  photo by © Priska Ketterer
Reading Places around the Atrium  

Plan of the Library  

© Artec (Berlin)
A General information about your library

a Name and address

1 University library

2 University Library / University of Aberdeen

3 Bedford Road, Aberdeen, AB24 3AA

4 T +44 (0)1224 273 330, F +44 (0)1224 273 956, E library@abdn.ac.uk

5 Mrs Chris Banks

6 Mrs Wendy Pirie

b Population served

7 7 424

8 12 920

9 2 832

10 2 821

c Conditions of the library (before the new project)

11 7 772 m²

12 766

13 24 000 linear metres

14 24 000 linear metres

15 0

16 55 in QML and 11 in Special Collections
B The new building: aims and features

a Architect(s)
   18 schmidt, hammer, lassen, http://shl.dk/
   19 Stuart Hill
   20 new building

b Aims of the new building
   21 To co-locate our collections of historically significant books and archives with our modern collections in a new purpose-built 21st-century learning and research environment that is open to the wider public, as well as students and staff. To move out of two buildings that were no longer suitable, one built in the 1950's, the other in the late 1960's.

c Special Features
   22 On the western perimeter of the main Old-Aberdeen campus: see http://www.abdn.ac.uk/maps/old-aberdeen.php

C Technical information about the new building

a Floor area (24 to 35)
   24 14 800 m²
   Divided into
   25 6 564 m²
   Special rooms (26, 27, 28, 29)
   26 167 m²
   27 678 m²
   28 216 m²
   29 398 m²
Special activities (30, 31, 32)

30  350 m²
31  0
32  202 m²
33  869 m²
34  1 295 m²
35  4 061 m²

36  Nine levels in total: Special Collections Centre is on the Lower Ground Floor. The Ground Floor entrance level is open to the general public. The upper floors 1–7 contain the modern collections. Access to all collections is via a controlled entry point on the Ground Floor

37  1 455

Divided into

38  8
39  201
40  160
41  1 086

b Total potential capacity of shelving (linear metres or volumes)

42  23 702 linear metres

Including

43  13 078
44  10 500
45  10 500 included in 44
46  124
47  0
48  72

c Mechanical features

49  All air system, using in-direct and direct adiabatic evaporation cooling, coupled with desicant wheel and thermal wheel recovery. Utilises the University CHP system.
Supplied through University District Heating System

Class 4 system with Zumtobel controlled system

Acoustic absorption to control reverberance in the library open areas, all of which are connected to a main central atrium. Acoustic absorption in other spaces such as offices, meeting rooms, classrooms and exhibition space.

Otis lifts: one goods lift and one passenger lift for library staff only: four public lifts, of which three are triplex glass

N/A (manual, trolleys)

3M detection system

Trend Controls

The New Library has both wired and wireless network connectivity. The wired network provides switched 1Gbps capacity to the desk, while the ubiquitous 802.11n wireless network provides effective bandwidth of up to 150 Mbps per connection.

3M automated returns system

D Schedule of the building process (dates)

2004–2005

2005

10. 09. 08 – 30. 06. 09

April 2009

2009–2012

5 August 2011 – 11 September 2011 (modern collections only: special collections moved in oct/nov 2011)

12 September 2011 (Official opening to take place in September 2012)

E Costs (including taxes)

0

£42 million incl. VAT

£3.4 million incl VAT
£10.2 million incl VAT

£58 million incl VAT (includes landscaping and demolition of old library)

F Publications

http://shldesign.dk/university-of-aberdeen-new-library/
http://www.architectsjournal.co.uk/buildings/education/
library-university-of-aberdeen-by-schmidt-hammer-lassen/8623549.article
http://www.e-architect.co.uk/aberdeen/aberdeen_university_library.htm
http://www.architecturetoday.co.uk/?p=18812
projectview&upload_id=12515
http://www.ads.org.uk/scottisharchitecture/highlights/
university-of-aberdeen-new-library
http://www.origindesignstudio.co.uk/blog/
architect-spotlight-schmidt-hammer-lassen.html
newsstory/972/
Floor plan Level 1 © University of Aberdeen

Floor plan level 6 © University of Aberdeen
A General information about your library

a Name and address
1 University library
2 The McClay Library / Queen’s University Belfast
3 College Park, Belfast, BT7 1LP
4 T +44 (0)2890976322, E library@qub.ac.uk
5 Mr John Gormley
6 Ms Elizabeth Traynor; Ms Karen Latimer

b Population served
7 38 000
8 22 000
9 6 000
10 3 000

c Conditions of the library (before the new project)
11 20 574 m²
12 2 755
13 46 000 linear metres
14 38 000 linear metres
15 8 000 linear metres
16 118
70 hours per week, 330 days per year

B  The new building: aims and features

a  Architect(s)
18  Shepley Bulfinch Richardson Abbott, Boston, USA
    In association with RPP Architects, Belfast, Northern Ireland
19  Sandy Howe for SBRA Alan Shields for RPP
20  new building

b  Aims of the new building
21  To provide a single Information Services building bringing together
    all of the services provided to users in the areas of Library, Computing,
    Media Services and Language Centre. To provide a world class,
    technology-rich, building in place of the increasingly inadequate space
    provided in the former Main and Science Libraries.

c  Special Features
22  Central location on the main University campus
23  “Bent bar” shape incorporating brick and sandstone exterior finishes
    with large areas of glass. Disabled access and energy efficient, sustainable
    design were essential requirements.

C  Technical information about the new building

a  Floor area (24 to 35)
24  18 125 m² gross internal area
    Divided into
25  8 736 m² (including, open plan computer areas, student lounge and the
    café)

Special rooms (26, 27, 28, 29)
26  Two Language Labs – Area 178 m². Audio visual equipment (combination
    of plasma screens and data projects linked to dedicated pcs and
    associated equipment) has also been provided in group study rooms,
    lecture theatre, computer training room and meeting rooms.
Dedicated computer rooms – 551 m². 2 open access computer rooms and a computer training

Reading room – 239 m². Restricted access special collections store included in item 34 closed access stacks

21 Group study rooms have been equipped with audio visual equipment. – 429 m².

Special activities (30, 31, 32)

Small exhibition spaces on Ground and 1st floors

Seats 80–100. Area 95 m²

Franchised café on site

2 487 m² (including staff areas associated with café)

504 m²

4 906 m² (including plant rooms and stores)

4

2 360

Divided into

10

500

350

1500

b Total potential capacity of shelving (linear metres or volumes)

2 000 000 volumes

Including

1 500 000 volumes

500 000 volumes

1 000 000 volumes (Included in 43 and 44)

100 linear metres

N/A

102
c Mechanical features

49 Combination of natural and mechanical displacement ventilation in open plan areas with chilled beam comfort cooling in three areas with high concentration of PCs.

50 Heated using waste heat from data centre and ground source heat pumps with backup gas-fired boilers.

51 Fluorescent general lighting, compact fluorescent and metal halide feature lighting. Automatic controls in open plan areas.

52 Extensive acoustic modeling carried out at design stage. Acoustic ceiling tiles and wall paneling installed where recommended by model. Carpet installed in open plan areas provided large areas of acoustic absorbent. Main circulation stair enclosed. Floors zoned in to quiet study and whisper zones which are clearly defined within the building. Group activities catered for in dedicated group study rooms. Mechanical and electrical plant design to meet specific acoustic standards.

53 Two 17 person passenger lifts and one 2000kg service lift.

54 None

55 Book detection systems have been installed at the short loan area and the exit from the building (Trevor Lyttle could provide further information on these systems if required). The entrance and exit to the building are covered by CCTVs as is the external perimeter of the building. Access to the special collections store and reading room is restricted. The areas are alarmed and are covered by CCTVs.

56 Fully networked electronic building management system as manufactured by Trend Ltd

57 The McClay Library is on the University’s wired and wireless network and connected to JANET.

58

D Schedule of the building process (dates)


60 May 2003 – November 2003

61 Dec 2003 – November 2005

62 16th January 2006
3 Years and 17 weeks. Completed 15th May 2009
22nd May 2009 – 10th July 2009
27th July 2009

E Costs (including taxes)
N/A
£37.7 million
£4.3 million
£4.3 million
£46.3 million

F Publications
Tennyson, Michael. ‘Read all about it’. Perspective, 18(5), September/October 2009 pp 54–61
Rainwater harvesting at the seat of learning. Specify 23 December 2009 p 3
McClay Library Exterior  Shepley Bulfinch Richardson Abbott,
© Queen’s University Belfast

General Reading Area  Shepley Bulfinch Richardson Abbott,
© Queen’s University Belfast
Borrower Services Desk  Shepley Bulfinch Richardson Abbott,
© Queen’s University Belfast

Plan Ground Floor  Shepley Bulfinch Richardson Abbott,
© Queen’s University Belfast

The McClay Library. Belfast, United Kingdom
Atrium  Shepley Bulfinch Richardson Abbott, © Queen’s University Belfast

North and South Elevations  Shepley Bulfinch Richardson Abbott, © Queen’s University Belfast
A General information about your library

a Name and address

1 University library

2 University of Edinburgh Main Library / University of Edinburgh

3 George Square, Edinburgh, EH8 9LX

4 T +44 131 651 5041, E IS.Helpline@ed.ac.uk

5 Sheila E Cannell, Sheila.cannell@ed.ac.uk

6 Lesley Bryson, Lesley.Bryson@ed.ac.uk

b Population served

7 33 000 (full time equivalent)

8 23 436 (headcount)

9 5 538 (headcount)

10 7 800

c Conditions of the library (before the new project)

11 27 693 m² (built in imperial measures, 298 081 m²)

12 1 750

13 63 223

14 43 756

15 43 756

16 185
07.30–02.30 (19 hours per day), 34 weeks. Reduced hours (various) out of termtime

B The new building: aims and features

a Architect(s)
18 Lewis&Hickey Architects, www.lewishickey.com
19 Emily Forde
20 renovation

b Aims of the new building
21 Full vision for project available at http://www.ed.ac.uk/schools-departments/information-services/services/library-museum-gallery/using-library/mlrp/redevelopment/vision
Brief project vision is:
The redeveloped Main Library building will be:
› An intellectual hub for the University
› The focus for a wide range of activities in learning and research
› A place where users can engage and converse with each other and with information specialists
› More open and accessible
› Flexible to accommodate changes in the future

c Special Features
22 Location on campus in square which is all University buildings. Location is between 2 green spaces, George Square and the Meadows. Redevelopment has “brought the outside in”.
23 Original building designed by Sir Basil Spence and opened in 1967. For history of building see http://www.ed.ac.uk/schools-departments/information-services/services/library-museum-gallery/using-library/mlrp/redevelopment/history
Building was A listed in 2005. Building is rectilinear, very fine finishes – exposed polished concrete frame, polished concrete pillars, finishes in teak and beech. Exterior is primarily horizontal. Modular grid is 27 square feet.
Redevelopment is of similar high quality, retaining listed features. Modest introduction of highlight colours, and elliptical shape based on the proportions of the building plan.
### C  Technical information about the new building

#### a  Floor area (24 to 35)

<table>
<thead>
<tr>
<th>Number</th>
<th>Area (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>28 175</td>
</tr>
<tr>
<td></td>
<td>(inc small new mezzanine addition)</td>
</tr>
<tr>
<td>Divided into</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>19 102</td>
</tr>
<tr>
<td>Special rooms (26, 27, 28, 29)</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>53</td>
</tr>
<tr>
<td>27</td>
<td>1 564</td>
</tr>
<tr>
<td>28</td>
<td>2 946</td>
</tr>
<tr>
<td>BS5454 archive storage facilities, conservation studio, digital imaging studio, viewing room, reading room, research centre and seminar rooms.</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>545</td>
</tr>
<tr>
<td>Special activities (30, 31, 32)</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>118</td>
</tr>
<tr>
<td>31</td>
<td>N/A</td>
</tr>
<tr>
<td>32</td>
<td>378</td>
</tr>
<tr>
<td>Library Cafe</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>4 912</td>
</tr>
<tr>
<td>34</td>
<td>2 365</td>
</tr>
<tr>
<td>35</td>
<td>3 706</td>
</tr>
<tr>
<td>36</td>
<td>8 levels, 7 open to the public</td>
</tr>
<tr>
<td>37</td>
<td>2 248</td>
</tr>
<tr>
<td>Divided into</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>AV equipment in all meeting rooms and study pods</td>
</tr>
<tr>
<td>39</td>
<td>573</td>
</tr>
<tr>
<td>40</td>
<td>8 including 3 training room</td>
</tr>
<tr>
<td>41</td>
<td>0</td>
</tr>
</tbody>
</table>

#### b  Total potential capacity of shelving (linear metres or volumes)

<table>
<thead>
<tr>
<th>Number</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>31 464 linear metres plus 13 463 linear metres Special Collections</td>
</tr>
</tbody>
</table>
Including

31 465 linear metres

13 463 linear metres

included in 43 above

included in 44 above

0

185

c  Mechanical features

Chilled beam system

Chilled beam and space radiators fed by University Combined Heat and Power system

Intelligent

Features, eg tiles, absorb sound

3 lifts, to be upgraded at end of project

No. 2 3M Book return sorters

Boon Edam

BEMS centralled controlled by University Estates and Building

All building wireless enabled. Wiring is Cat 6 in raised floor

Original static shelving reused, braced and with new acrylic pastel coloured shelf ends 2 offsite stores created, one permanent, one for duration of project.

D  Schedule of the building process (dates)

2003–2005

No competition. Design Team procured 2005 through OJEU based of cost quality assessment

No

April 2007

April 2007 – January 2013, 7 sections
Ongoing, with move management managed by Thomson Bethune. Major staff decants 2007-date. Two offsite stores created as part of project - one will be required permanently, one as decant store.

Ongoing, first phase opened August 2008, Ground Floor opened June 2009. 7 floors now completed with Lower Ground Floor to be completed in January 2013

E  Costs (including taxes)

N/A

£37 million

£2.9 million

£11 million Decant costs £5.6 million

£58 million

F  Publications

Project Website

Project has website with full information at http://www.ed.ac.uk/schools-departments/information-services/services/library-museum-gallery/using-library/mlrp/redevelopment

Videos

£60m library upgrade http://www.youtube.com/watch?v=c5dHUVQ2T6Q

Ian Rankin opens library upgrade http://www.youtube.com/watch?v=W76P0IDTv90
Main Library, Main Entrance & External View
Lewis&Hickey / © University of Edinburgh

Library Forum, Ground Floor, Helpdesk & Holopro Screens
Lewis&Hickey / © University of Edinburgh
Dame Elizabeth Esteve-Coll Centre.
Kingston, United Kingdom

A General information about your library

a Name and address

1 University library
2 Dame Elizabeth Esteve-Coll Centre / Kingston University
3 Knights Park campus, Grange Rd, KT1 2QJ
4 T 020 8417 4052, E library@kingston.ac.uk
5 Graham Bulpitt
6 Rowan Williamson

b Population served

7 39 626
8 20 745
9 3 975
10 0

c Conditions of the library (before the new project)

11 772 m²
12 158
13 1 450 linear metres
14 1 374 linear metres
15 76 linear metres
16 10
average of 61 hours per week, 351 days per year

B The new building: aims and features

a Architect(s)
18 Pascall + Watson, www.pascalls.co.uk
19 Geoff Walton
20 renovation

b Aims of the new building
21 The relocation of the LRC from the first floor to the ground floor aimed to create a brand new interdisciplinary learning zone at the heart of the campus. This has been designed to create a hub for students services, with a natural flow between the various services on offer.

c Special Features
22 The building is 1930s and is located on the banks of a small river, The Hogsmill, creating a very rural and peaceful atmosphere despite its proximity to Kingston town centre.
23 The project was ambitious as it took a quadrangle with an open air centre and glassed over it, creating a brand new atrium space, light, airy, and visually dramatic. The original 1930s brickwork has been cleaned up and left exposed instead of plastered and painted, which has created the feeling of bringing the outside in, as well as creating continuity between the old and the new.

C Technical information about the new building

a Floor area (24 to 35)
24 951 m²
Divided into
25 799 m²
Special rooms (26, 27, 28, 29)
26 0
27 54 m²
28 41 m²
29 31 m²
Special activities (30, 31, 32)
30 0
31 0
32 0
33 26 m²
34 0
35
36 Ground floor only
37 165
Divided into
38 0
39 41
40 12
41 112

b Total potential capacity of shelving (linear metres or volumes)
42 1,113 linear metres
including
43 1,037 linear metres
44 76 linear metres
45 810 linear metres
46 57 linear metres
47 static shelving 303 linear metres
48 10

c Mechanical features
49 The building now has the capacity to operate intelligently – for example when the external conditions are right the windows will open
automatically to keep the LRC cool and reduce the need for mechanical cooling. The building can also cool itself at night in the same way which further reduces the need for mechanical cooling during the day. When additional cooling is needed, highly efficient chilled beams are used which minimise associated CO$_2$ emissions.

The original areas of the building have been insulated to the same standards as would be required for a new building thus reducing the building’s heating needs.

The glazing for the atrium roof has a high performance solar coating and graduated frit pattern to maximise daylight and minimise heat gain.

All lighting in the new building includes occupancy and daylight sensors which means it is only on when needed.

Ecofon panels have been used to reduce noise throughout. Sletted wood cladding with a noise absorption material padding between the wooden slats will reduce noise in the atrium.

None

None

RFID gates are used at the entrance with gunnebo barriers and Intellident security tags in the stock.

The building management system regulates the heating and cooling system, opening and closing windows automatically according to temperature.

The development was designed to achieve a ‘Good’ BREEAM rating incorporating measures to improve the overall energy performance of the Quadrangle Building and supplying 20% of the building’s energy needs through clean renewable sources.

A plasma screen in the LRC displays data from the building management system reporting back performance levels.

Rainwater storage.

The existing quadrangle roof and the new atrium roof have been arranged with rainwater collection in mind. This rainwater is stored in underground tanks and is used to flush the toilets within the building. Photovoltaics have been installed on the roof of the quadrangle building to absorb sunlight and convert the solar energy into direct electricity to be used within the building. They provide an eco-friendly source of electricity that is renewable and non-polluting. Any electricity generated
from the photovoltaics that is surplus to the University’s requirements could be sent to the National Grid to be used elsewhere.

Hot water is produced for the building from a roof mounted solar thermal array.

D  Schedule of the building process (dates)

59  September 2007
60  October 2008
61  November 2009
62  May 2011
63  ten months
64  31/01/12–14/02/12
65  15/2/12

E  Costs (including taxes)

66  0
67  0
68  0
69  0
70  0

F  Publications
Dame Elizabeth Esteve-Coll Centre Atrium and group study area
© Kingston University
Plan Ground Floor
Central Saint Martins College of Arts and Design Library. London, United Kingdom

A General information about your library

a Name and address

1 College Library within a University Library Service

2 Central Saint Martins College of Arts and Design Library / University of the Arts London

   Mother Institution: University of the Arts London, 272 High Holborn, London, WC1V 7EY, England

4 T 0207 514 7190, E info@csm.arts.ac.uk (for College library enquiries)
   T 0207 514 7029, E s.gilmour@csm.arts.ac.uk (for CSM Learning Resources Manager)

5 Learning Resources Manager, Central Saint Martins College of Arts and Design Library: Sarah Gilmour
   Director of Libraries and Academic Support Services, University of the Arts London: Pat Christie

6 Sarah Gilmour: Learning Resources Manager, Central Saint Martins College of Arts and Design Library

b Population served

7 4 830 for Central Saint Martins; 21 453 for University of the Arts London

8 4 281 for Central Saint Martins; 16 801 for University of the Arts London

9 34 for Central Saint Martins; 759 for University of the Arts London
10  1006 (348.31 FTE) for Central Saint Martins; 4269 (2077.57 FTE) for University of the Arts London

c  Conditions of the library (before the new project)
11  1,526 m²
12  256
13  2,112 linear metres
14  2,112 linear metres
15  0
16  24 FTE for Central Saint Martins
17  57 hours per week during term time (31 weeks per year), 20 hpw during Christmas and Easter vacation (6 weeks per year) 32.5 hpw during Summer vacation (14 weeks per year) Closed for 1 week between Christmas and New Year

B  The new building: aims and features

a  Architect(s)
18  Stanton Williams Architects, www.stantonwilliams.com
19  Paul Williams
20  renovation

b  Aims of the new building
21  Central Saint Martins Library opened on 3 October 2011. It combines the library collections that were previously held at two separate library sites which had serviced the College with wide-ranging study facilities which support a range of learning styles from group work to silent study. Through its design the architects, Stanton Williams, have sought to celebrate the industrial architecture of the landmark Grade II listed Granary Building as well as providing stunning views over the Regent’s Canal and into the College. The library is located on the 2nd and 3rd floors of the Granary, with access via an attractive staircase or via the scenic lift for people with disabilities. The new space totals 1,800 sqm.

   The Library Project was one element of a major building project that involved relocating Central Saint Martins College of Arts and
Design to a new campus at Kings Cross – see for more information http://www.csm.arts.ac.uk

In turn, this project is part of the Kings Cross major regeneration initiative – see for more information http://www.islington.gov.uk/environment/planning/major schemes/kings cross/regenkingsx.asp

c Special Features

22 The Library is located on two floors of the 19th Century grain store designed by Lewis Cubitt

The College is located in close proximity to King’s Cross and St Pancras Stations and is part of the King’s Cross regeneration project. It is also close to the British Library.

23 Warehouse conversion retaining original features including wooden beamed ceiling, iron pillars, brickwork and warehouse windows

Central light-well a new addition and a key feature of the Granary Building.

C Technical information about the new building

a Floor area (24 to 35)

24 2,000 m²

Divided into

25 Lower floor is dedicated to group study, upper floor is dedicated to silent study.

Book and periodical stock is located on both floors with the majority on the upper floor.

The majority of the library stock is on open access.

Special rooms (26, 27, 28, 29)

26 3 DVD/video viewing stations

27 14 online public access catalogues (OPACs)

28 Materials and Products Collection: samples of materials and suppliers catalogues.

29 2 study booths on the lower floor

Special activities (30, 31, 32)

30 N/A
Staff areas on the upper and lower floor. Single staff area on the lower floor with capacity for 18 staff members. 1 office for a single occupant on the upper floor and a staff area with capacity for 8 staff and a processing area.

22 single unisex toilets including 2 disabled access toilets, internal staircase from lower to upper floor

2 levels located on the 2nd and 3rd floors of the Granary Building

272 (220 study chairs, 1 sofa, 2 armchairs, 24 bespoke study benches)
Study chairs and benches supplied by Race Furniture

Divided into 3

The building has ubiquitous wireless access with the view that general purpose computing will be based on laptop usage rather than fixed workstations.

Total potential capacity of shelving (linear metres or volumes)

103 000 books; 891 journal titles including 316 current subscriptions; 2 850 linear metres shelving available. Cantilibra shelving supplied by Demco Interiors.

Including

2 850 linear metres

9 309 Multi-Media Items (incl. 4 829 DVDs, 3,000 videos, 891 CDs, 589 CD-Roms)

Central Saint Martins Library staff: 17 FTE
c Mechanical features

49 Displacement ventilation providing constant temperature at 21 °C
50 Variable temperature wet system linked with fresh air ventilation
51 Computer controlled Prologik lighting system installed throughout the building
52 N/A
53 2 scenic lifts providing access to the Granary Building. Building served by 9 number Elite lifts
54 N/A
55 3M RFID system
56 Building management system controls all mechanical services, the system installed is manufactured by Trend
57 The IT infrastructure supporting CSM is a Cisco network of 6 500 chassis in the Data Centre and 3 750 switches on each floor. There is redundant 1GB WAN connectivity into the building with vertical fibre running from the Data Centre to the communication rooms on the floors and Cat5e 100Mbs to the desktop. Additionally there are 110 Wireless access points.
58 SALTO access control with smartcards is used to access all areas of the building; printing and copying facilities are Canon Multi Functional Devices with a cashless payment system in place. The print management systems is Canon Uniflow and the online payment system is WPM.

D Schedule of the building process (dates)

59
60 There was no architectural competition for the base build as it was purchased from a developer. The Fit Out architect was appointed by the fit out contractor. The fit out contractor appointment competition was in December 2009.
61 Tens of thousands of drawings for the Fit Out Stage F – July 2010
63 3.5 Years
E  Costs (including taxes)

66  N/A
67  0
68  0
69  not available
70  not available

F  Publications

Art Libraries Journal vol. 36 no.1 2011 Special issue: the architecture and space planning of art libraries p. 22

Regeneration King’s Cross: the Central Saint Martin’s Collect of Art relocation project.


Architects Journal: http://www.architectsjournal.co.uk/news/daily-news/stanton-williams-scoops-planning-for-kings-cross-square-scheme/8624956. article
Entrance to the University of Arts London  © John Sturrock

Central Atrium in Granary Building  © John Sturrock
2nd Floor Bookstacks and OPAC  © Tony Courtney

Library inside the Granary Building  © John Sturrock
A General information about your library

a Name and address
1 University library
2 Bodleian Libraries / University of Oxford
3 Broad Street, Oxford, OX1 3BG
4 T 01865 277158, E richard.ovenden@bodleian.ox.ac.uk
5 Dr Sarah Thomas
6 Richard Ovenden

b Population served
7 80 000
8 15 000
9 –
10 4 000

c Conditions of the library (before the new project)
11 18 718 m² NIFA
12 302
13 83 978 linear metres (2 855 252 nominal volumes)
14 3 280 linear metres (111 520 nominal volumes)
15 80 698 linear metres (2 743 732 nominal volumes)
16 187
69 hours per week in term, 54 hours per week in vacation, 301 days per year

B The new building: aims and features

a Architect(s)
19 Jim Eyre and Geoff Turner
20 renovation

b Aims of the new building
21 Refurbishment and partial rebuild of Grade II listed building. The New Bodleian Library Project has three key objectives:
   The refurbishment of the stack floors to create improved storage spaces for special collections mitigating the risks of fire and internal flooding. These refurbished spaces will comply with the British Standard, and with the National Archives Standard for Record Repositories.
   Provision of new research facilities that provide seminar and group study spaces, enhanced interaction with digital technologies, provision for graduate students and visiting scholars, supporting the externally-funded research projects.
   Enhanced facilities for engaging the general public through exhibitions and events.

c Special Features
22 The New Bodleian Library situated in the centre of the City of Oxford at heart of the historic University of Oxford. It is part of an important cityscape and is surrounded by Grade I Listed buildings including the Clarendon Building (Nicholas Hawksmoor) and the Sheldonian Theatre (Sir Christopher Wren).
23 The building is a Grade II Listed building of ‘special interest’. Built in 1937–39 to a design by Sir Giles Gilbert Scott, it is rectangular in plan on a grid of 13.5’. It is comprised of an eleven-storey central Bookstack surrounded by three-storey accommodation for offices and reading rooms. The central Bookstack is formed from in situ concrete on a steel frame, the outer accommodation is pre-cast concrete on a steel frame. The refurbishment project entails the complete removal and replacement of the central core of the stack, the insertion of a new
entrance on the south side of the building and a large public atrium, with two new exhibition galleries. The new stack will have 4 hours of fire protection and environmental control to BS5454:2000.

C Technical information about the new building

a Floor area (24 to 35)

24 18 828 m² GIFA

Divided into

25 2 131 m², comprising three special collections reading rooms with adjacent open access areas, Enquiries Area, seminar rooms and Centre for the Study of the Book.

Special rooms (26, 27, 28, 29)

26 Range of AV facilities distributed across spaces below.

27 105 m² 17-seater Digital Media Centre with hi-end facilities. Other computing distributed.

28 642 m² of special collections curatorial office accommodation.

29 A total 143 m² comprised of 4 seminar and group study rooms.

Special activities (30, 31, 32)

30 A treasures gallery (120 m²) and a changing exhibitions gallery (164 m²).

31 120 m² 112-seater Lecture Theatre with fixed raked seating.

32 878 m² open plan Blackwell Hall atrium with 120-seater café and potential for special events catering for 250 seated, temporary exhibitions.

33 808 m² Conservation, 67 m² staff common room, 72 m² staff/reader café, 53 m² Admissions Office, 216 m² Imaging Studio, (642 m² curatorial offices excluded here, see 29 above).

34 7 415 m² across three basement levels,

35 2 769 m²

36 3 basement levels, 3 principal above ground levels, central ‘floating’ core with 5 levels. Public access to Ground Floor.

37 293
Divided into

38 N/A
39 31
40 44
41 218

b Total potential capacity of shelving (linear metres or volumes)

42 41 693 linear metres (1 417 460 nominal volumes)
Including
43 2 788 linear metres
44 37 728 linear metres
45 16 117 linear metres (included in 44 above)
46 Included in 43 and 44
47 64 map planchests, 274 linear metres strong-room
48 142

c Mechanical features

49 Full air conditioning to BS5454 to stack areas, utilizing low velocity air movements between plenum walls, comfort cooling to office areas and reading rooms.

50 Via air-conditioning

51 Proximity controlled fluorescents to stack areas. Controlled light levels in exhibition galleries. Natural lighting to atrium via retained Gilbert Scott windows.

52 Acoustic paneling to atrium walls

53 1 goods lift, 3 passenger lifts provided in two new service cores.

54 By lift

55 Electro-magnetic detection at exit points, CCTV, IDS

56 Full BMS

57 Cat 5e

58 Access Control System utilizing University Common Card
D  Schedule of the building process (dates)

59  2006
60  Winter 2006
61  2010
62  August 2011
63  3 years
64  From August 2014
65  Official Opening March 2015

E  Costs (including taxes)

66  N/A (existing site)
67  £61 million
68  £5.6 million (direct contracts)
69  £8.9 million
70  £80.5 million including contingency and Value Added Tax

F  Publications
Illustrative view of the Main Entrance  by Wilkinson Eyre Architects

Illustrative view of Blackwell Hall  by Wilkinson Eyre Architects
Illustrative view of Conservation Workshop  by Wilkinson Eyre Architects

Illustrative view of Treasures Gallery  by Wilkinson Eyre Architects
Illustrative view of Lecture Theatre by Wilkinson Eyre Architects
Questionnaire: Description of New University and Research Library Buildings in Europe

A General information about your library

a Name and address

1 Type of library (for example: university, college, national, regional, research association, public):

2 Name of library: / 
2a Name of mother institution

3 Address:

4 Phone, Fax and E-mail:

5 Name of the director of the library:

6 Contact person for enquiries:

b Population served

7 Current readership, number of registered readers:

8 Number of full time students:

9 Number of part time students:

10 Number of staff in institution (including teachers, professors, researchers and administrators):

c Conditions of the library (before the new project)

11 Total floor area (sq. metres):

12 Number of reader seats:

13 Total capacity of shelving (linear metres or number of books, periodicals):
in open access storage:
in closed access stacks:
Number of library staff (full time equivalent):
Opening hours to the public (hours per week, days per year):

B The new building: aims and features

a Architect(s)
Firm:
Project Architect:
Type of project
  New building: yes no
  Extension: yes no
  Renovation: yes no

b Aims of the new building
Short description of the main objectives and purposes of the project:
for example: more holdings in open stacks, more readers seats,
development of the library in the field of research, computer and
audiovisual materials, development of training for non-student readers,
extension of the opening hours to the public, etc.

c Special Features
Site:
for example: location of the library on a campus or in the city, proximity
to other buildings.
Architecture:
for example: rectangular or octogonal plan, precast concrete pannels,
narrow or high windows, sizes of the modular grid, disabled access,
materials selected to reduce maintenance or energy costs, etc.

C Technical information about the new building

a Please give floor area (in sq metres) for questions 24 to 35
Total gross floor area (incl. corridors, stairs, lifts, technical rooms, etc):
Divided into

25 Open access services (reference room, reading rooms, holdings - books and periodicals, circulation and information desks, etc.):

Special rooms for (please describe number 26, 27, 28, 29):

26 Audiovisual:

27 Computers:

28 Special collections:

29 Seminar room(s):

Special activities (please describe number 30, 31, 32)

30 Exhibition space:

31 Lecture hall:

32 Public refreshments:

33 Administration and staff areas:

34 Closed access stacks:

35 Circulations areas (corridors, stairs, lifts), toilets, technical rooms, etc:

36 Further information (eg. Number of levels, public levels, etc.):

37 Number of reader seats (Total):

Divided into

38 Audiovisual:

39 Computers:

40 Seminar room(s):

41 Regular:

b Total potential capacity of shelving (linear metres or volumes)

42 Books and periodicals (total):

Including:

43 Open access stacks:

44 Closed access stacks:

45 Compact shelving (please indicate if included in 43 or 44):
Audiovisual materials:

Other:

Number of staff required to operate the new library (full-time equivalent):

c Mechanical features

Ventilation/Air Conditioning:

Heating:

Lighting:

Acoustics:

Lifts, elevators, escalators:

Book transportation system:

Theft detection:

Building management system:

Type of IT infrastructure (network type and capacity):

Other:

D Schedule of the building process (dates)

Planning, preliminary brief:

Architectural competition:

Project drawings and competition between contractors:

Opening of the construction work:

Duration of the building work:

Furnishing and moving the collections:

Date of opening of the new building:

E Costs (including taxes)

Site:

Building:

Furniture and equipment:
Fees:

Total:

Publications

Questionnaire: Description of New University and Research Library Buildings in Europe
Cuestionario: descripción de bibliotecas de investigación y universitarias de reciente construcción en Europa

A Información general sobre su biblioteca

a Nombre y dirección

1 Tipo de biblioteca:

2 Nombre: /

2a Nombre de padres institución

3 Dirección:

4 Teléfono, fax y dirección electrónica:

5 Nombre del director de la biblioteca:

6 Persona de contacto:

b Usuarios

7 Número de usuarios registrados:

8 Número de estudiantes de plena dedicación:

9 Número de estudiantes de dedicación mixta:

10 Número de profesores, asistentes, investigadores y administradores:

c Condiciones de la biblioteca (anterior al nuevo proyecto)

11 Superficie total en metros cuadrados:

12 Número de asientos:

13 Capacidad total de almacenaje (metros lineales o número de vol. y revistas):
en estanterías de acceso libre:

en estanterías de acceso restringido:

Personal (el número equivalente a personas con jornada completa):

Horarios de apertura (horas a la semana y días al año):

B  El nuevo edificio: propósitos y características

a  Arquitecto(s)

18  Despacho:

19  Arquitecto del proyecto:

20  Tipo de proyecto
    Nuevo edificio:  si  no
    Ampliación:    si  no
    Rehabilitación: si  no

b  Propósitos del nuevo edificio

21  Breve descripción de los principales objetivos y propósitos del proyecto:
    por ejemplo: más volúmenes en las zonas de acceso libre, más asientos,
    desarrollo de la biblioteca en el campo de la investigación, Informática
    y materiales audiovisuales, desarrollo y aprendizaje para usuarios
    no estudiantes, ampliación de las horas de apertura al público, etc.

c  Características especiales

22  Emplazamiento:
    por ejemplo: en la ciudad o en el campus universitario, cercana a la
    universidad, adyacente a medios de transporte público, etc.

23  Arquitectura:
    por ejemplo: plan rectangular u octogonal, paneles de hormigón
    prefabricado, ventanas estrechas o altas, tamaños de la red modular,
    condiciones de accesibilidad, materiales seleccionados para reducir
    los costes de mantenimiento, etc.

C  Información técnica sobre el nuevo edificio

a  Por favor faciliten la superficie por plantas en metros cuadrados en las
    preguntas 22 a 33

Cuestionario: descripción de bibliotecas de investigación y universitarias de reciente construcción en Europa
24 Superficie total (incluyendo pasillos, escaleras, elevadores, salas de máquinas, etc.):

Dividido entre

25 Servicios de acceso libre (salas de lectura, salas de índices, salas de publicaciones, información, etc.):

Salas especiales para (por favor, describa el número 26, 27, 28, 29):

26 Audiovisuales:

27 Ordenadores:

28 Colecciones especiales:

29 Sala(s) de seminarios:

Actividades especiales (por favor, describa el número 30, 31, 32)

30 Espacio para exhibiciones:

31 Sala de conferencias:

32 Sala de ocio:

33 Zonas de personal y de administración:

34 Estanterías de acceso restringido:

35 Zonas de circulación (pasillos, escaleras, elevadores), aseos, salas de máquinas, etc.:

36 Más información (número de plantas públicas, etc.):

Dividido entre

37 Número de asientos (Total):

38 Audiovisuales:

39 Ordenadores:

40 Sala(s) de seminarios:

41 Resto:

b Capacidad potencial de almacenaje (metros lineales o volúmenes)

42 Libros y publicaciones:

43 Estanterías de acceso libre:

44 Estanterías de acceso restringido:
45 en compactos:
46 Materiales audiovisuales:
47 Otros:
48 Número de empleados requeridos para el funcionamiento de la nueva biblioteca (equivalente a personas con jornada completa):

c Características técnicas
49 Ventilación/Aire acondicionado:
50 Calefacción:
51 Iluminación:
52 Megafonía:
53 Elevadores, montacargas, escaleras:
54 Sistema de transporte de libros:
55 Sistema antirrobo:
56 Control informatizado del edificio:
57 Tipo y capacidad del cableado informático:
58 Otros:

D Calendario
59 Planteamiento, borradores iniciales:
60 Concurso Arquitectónico:
61 Planos y concurso de las empresas constructoras:
62 Fecha de inicio de las obras:
63 Duración de las obras:
64 Traslado de los volúmenes:
65 Fecha de apertura del nuevo edificio:

E Costes
66 Solar:
67 Edificación:

Cuestionario: descripción de bibliotecas de investigación y universitarias de reciente construcción en Europa
68 Equipamientos y mobiliario:
69 Tasas:
70 Total:

Publicaciones
Questionnaire: sur les nouveaux bâtiments de bibliothèques universitaires et de recherche en Europe

A  Information générale sur la bibliothèque

a  Nom et adresse

   1  Type de bibliothèque :

   2  Nom :  /
       2a  Nom de la institution mère

   3  Adresse :

   4  Numéros de Téléphone, Fax et E-Mail :

   5  Nom du directeur de la bibliothèque :

   6  Personne à contacter :

b  Population desservie

   7  Nombre de lecteurs inscrits :

   8  Nombre d’étudiants à plein temps :

   9  Nombre d’étudiants à temps partiel :

  10  Nombre d’enseignants, d’enseignants-chercheurs et d’administratifs :

c  Situation de la bibliothèque (avant le nouveau projet)

   11  Superficie totale (en mètres carrés) :

   12  Nombre de places de consultation :

   13  Capacité totale de stockage (en mètres linéaires ou en vol. de livres, de périodiques) :
collections en libre accès :

collections en magasins fermés :

Nombre de personnel (équivalents plein temps) :

Ouverture au public (nombre d’heures par semaine et de jours par an) :

B Le nouveau bâtiment : buts et caractéristiques

a Architecte(s)

Agence :

Chef de projet :

type de projet

construction : oui non

Extension : oui non

Aménagement : oui non

b Buts du nouveau bâtiment

Courte description des principaux objectifs du projet :
par exemple : davantage de documents en libre accès, davantage de places de consultation, développement de la bibliothèque dans le domaine de la recherche, documents informatiques et audiovisuels, formation des lecteurs non étudiants, extension des horaires d’ouverture de la bibliothèque, etc.

c Caractéristiques

Localisation, site :
par exemple : localisation de la bibliothèque sur un campus ou dans la ville, proche de l’université, proche des transports publics, etc.

Architecture :
par exemple : plan rectangulaire ou octogonal, panneaux préfabriqués en béton, façades très vitrées ou peu vitrées, dimensions de la trame de construction, accès pour handicapés, matériaux utilisés pour réduire les coûts de maintenance, etc.

C Informations techniques sur le nouveau bâtiment

a Indiquer la surface (en mètres carrés) pour les questions 22 à 33
Surface totale dans oeuvre (incluant les circulations, sanitaires et locaux techniques) :

Divisé en

Services en libre accès (références, consultation, collections de livres et de périodiques, bureaux d’information et de prêt, etc) :

Salles spéciales pour (SVP, décrire les salles 26, 27, 28, 29) :

Audiovisuel :

Informatique :

Collections spécialisées :

Salle(s) de formation/réunion :

Salles pour autres activités (SVP, décrire les salles 30, 31, 32) :

Espace d’exposition :

Salle de conférence :

Cafétéria, etc :

Services internes pour le personnel :

Magasins fermés :

Zones de circulation (couloirs, escaliers, ascenseurs), sanitaires, locaux techniques :

Autres informations (par ex. : nombre total de niveaux, nombre de niveaux publics) :

Nombre de places de lecture (Total) :

Divisé en

Audiovisuel :

Informatique :

Salle(s) de formation/réunion :

Places de travail :

Capacité potentielle totale de stockage (mètres linéaires ou vol.)

Livres et périodiques :

En libre accès :

Questionnaire: sur les nouveaux bâtiments de bibliothèques universitaires et de recherche en Europe
En magasins fermés :
dont en rayonnages mobiles :
Documents audiovisuels :
Autres :
Nombre de personnel nécessaire pour faire fonctionner la nouvelle bibliothèque (équivalent plein temps) :

c Caractéristiques techniques

Ventilation/Climatisation :
Chauffage :
Eclairage :
Acoustique :
Ascenseurs, monte-charges, escalators :
Système de transport automatique de documents :
Détection antivol :
Gestion informatisée du bâtiment :
Type de câblage informatique et débit du réseau :
Autres :

D Échéancier de réalisation

Élaboration du programme :
Concours d’architecture :
Élaboration des plans et appel d’offres aux entreprises :
Démarrage des travaux :
Durée des travaux :
Équipement mobilier et déménagement :
Date d’ouverture du bâtiment :
E  Coûts

66  Terrain :
67  Bâtiment :
68  Équipement en mobilier et en matériel :
69  Honoraires :
70  Total :

F  Publications

Questionnaire: sur les nouveaux bâtiments de bibliothèques universitaires et de recherche en Europe
Fragebogen: Neue Gebäude von Universitätsbibliotheken und Wissenschaftlichen Bibliotheken

A Allgemeine Information über die Bibliothek

a Name und Adresse

1 Bibliothekstyp:

2 Name: / 2a Name der übergeordneten Institution

3 Adresse:

4 Telefon- und Fax-Nummer, E-mail-Adresse:

5 Name des Direktors / der Direktorin der Bibliothek:

6 Kontaktperson

b Publikum

7 Anzahl der eingeschriebenen Benutzerinnen und Benutzer:

8 Anzahl der Vollzeit-Studierenden:

9 Anzahl der Teilzeit-Studierenden:

10 Anzahl der Dozierenden, Forschenden und der Personen in der Verwaltung:

c Situation der Bibliothek (vor dem neuen Projekt)

11 Gesamtfläche (in m²):

12 Anzahl Benutzerarbeitsplätze:

13 Gesamt Kapazität Stellfläche (laufender Meter oder Anzahl Bände von Büchern, Zeitschriften, usw.):
in Freihand-Aufstellung:
in geschlossenen Magazinen:
Anzahl Beschäftigte (Vollzeit-Äquivalente):
Öffnungszeiten (Stunden pro Woche und Tage pro Jahr):

B  Das neue Gebäude: Ziele und Eigenschaften

a  Architekt(en)
   Büro:
   Projektleiter/in:
   Art des Projektes
   Neubau: ja nein
   Erweiterung: ja nein
   Renovation: ja nein

b  Ziele des neuen Gebäudes
   Kurze Beschreibung der Hauptziele und Absichten des Projektes:
   zum Beispiel: grössere Bestände in Freihand-Aufstellung, mehr
   Benutzerarbeitsplätze, Ausbau der Bibliothek im Bereich Forschung,
   EDV und AV-Material, Schulung von nichtuniversitärem Publikum,
   Erweiterung der Öffnungszeiten der Bibliothek, etc.

c  Spezielle Merkmale
   Ort:
   zum Beispiel: steht die Bibliothek auf einem Campus oder in der Stadt,
   in unmittelbarer Nähe der Universität, in der Nähe von öffentlichen
   Verkehrsmitteln, etc.
   Architektur:
   zum Beispiel: rechteckiger oder vieleckiger Grundriss, vorgefertigte
   Betonelemente, schmale oder hohe Fenster/stark oder wenig verglaste
   Fassaden, Maße des Konstruktionsrasters, Zugang für Behinderte, Wahl
   der Baumaterialien mit der Absicht, die Unterhaltskosten zu reduzieren,
   etc.
C Technische Information über das neue Gebäude

a Gesamtfläche (in m²) für die Fragen 22 bis 33

24 Netto-Grundfläche (inkl. Korridore, Treppen, Aufzüge, technische Räume etc.):

Unterteilt in

25 Frei zugängliche Benutzungsbereiche (Auskunftsräume, Lesesäle, Buch- und Zeitschriftenbestände, Ausleihe, Information, etc.):

Spezielle Räume für (Bitte beschreiben Sie die Räume in Nr. 26, 27, 28, 29):

26 audiovisuelle Medien:

27 Computer:

28 Sondersammlungen:

29 Ausbildungs- und Seminarraum (-räume):

Räume für andere Aktivitäten (Bitte beschreiben Sie die Räume in Nr. 30, 31, 32):

30 Ausstellungsraum:

31 Vortragssaal:

32 Cafeteria, etc:

33 Räume für Verwaltung und Personal:

34 Geschlossene Magazinräume:

35 Nebennutzfläche: Verkehrsfläche (Korridore, Treppen, Aufzüge), Toiletten, technische Räume:

36 Weitere Informationen (z.B. Anzahl Stockwerke, Anzahl öffentliche Stockwerke):

37 Anzahl Benutzerarbeitsplätze (Total):

Unterteilt in

38 audiovisuelle:

39 Computer:

40 Ausbildungs- und Seminarraum (-räume):

41 übrige Benutzerarbeitsplätze:

b Gesamtkapazität Stellfläche (Laufmeter oder Bände)
Bücher und Zeitschriften:
Freihand-Aufstellung:
geschlossene Magazine:
davon Kompakt-Magazine:
audiovisuelle Materialien:
Andere:
Personal, das für den Betrieb des neuen Gebäudes benötigt wird (Vollzeit-Aequivalente):

Mechanische Eigenschaften
Lüftung/Klimatisierung:
Heizung:
Beleuchtung:
Akustik:
Aufzüge, Rolltreppen:
Buchtransportsystem:
Diebstahl-Sicherungssystem:
Gebäudeautomatisation:
Typ der IT-Verkabelung und Leistung:
Andere:

Zeitplan
Planung, Bauprogramm:
Architekturwettbewerb:
Architekturpläne und Ausschreibung für ausführende Firmen:
Beginn der Bauarbeiten:
Dauer der Bauarbeiten:
Einrichtung Mobiliar und Umzug der Bestände:
Datum der Eröffnung des neuen Gebäudes:
E  Kosten

66  Grundstück:
67  Gebäude:
68  Mobiliar und Ausrüstung:
69  Honorare:
70  Total:

F  Veröffentlichungen
Questionario: descrizione nuovi edifici
di biblioteche universitarie e di ricerca
in Europa

A Informazioni generali sulla biblioteca

a Nome e indirizzo

1 Tipo di biblioteca:

2 Nome: /

2a Nome di genitore istituzione

3 Indirizzo:

4 Telefono, fax e indirizzo di posta elettronica:

5 Nome del direttore della biblioteca:

6 Persona da contattare:

b Utenza

7 Numero di utenti registrati:

8 Numero di studenti a tempo pieno:

9 Numero di studenti a tempo parziale:

10 Numero di docenti, assistenti, ricercatori e personale amministrativo:

c Caratteristiche della biblioteca (prima del nuovo progetto)

11 Superficie totale (in m²):

12 Numero di posti di lettura:

13 Capacità di stivaggio (espressa in metri lineari o numero di libri
e periodici):

14 a scaffale aperto:
B Il nuovo edificio: obiettivi e caratteristiche

a Architetto(i)

18 Studio:

19 Architetto progettista:

20 Tipo di progetto
   Nuovo edificio: si no
   Ampliamento: si no
   Restauro: si no

b Obiettivi del nuovo edificio

21 Breve descrizione dei principali obiettivi del progetto:
   per esempio: maggior numero di documenti ad accesso libero, più
   posti di lettura, maggior sviluppo della biblioteca verso la ricerca,
   documentazione elettronica e audiovisivi, sviluppo di un utenza non
   istituzionale, Estensione degli orari di apertura, ecc.

c Caratteristiche

22 Localizzazione:
   per esempio: biblioteca in un campus universitario o in città, vicina ad
   altri edifici universitari, raggiungibile con i mezzi pubblici, ecc.

23 Architettura:
   per esempio: a pianta rettangolare o ottagonale, a pannelli prefabbricati,
   finestre strette o alte, dimensioni dello schema strutturale, accesso ai
   disabili, utilizzo di materiali che riducano i costi di manutenzione

C Informazioni tecniche sul nuovo edificio

a Rispondere indicando la superficie in m² alle domande da 22 a 33

24 Superficie totale (inclusi corridoi, scale, ascensori, locali tecnici, ecc.):
   Diviso in
Aree ad accesso libero (reference, sale di lettura, sale di consultazione libri e periodici, punti informativi e di prestito, ecc.):

Sale ad uso speciale per (per la descrizione utilizzare i numeri 26, 27, 28, 29):

26 Audiovisivi:

27 Postazioni informatiche:

28 Collezioni particolari:

29 Sale seminariali:

Attività speciali (per la descrizione utilizzare i numeri 30, 31, 32):

30 Spazi espositivi:

31 Sala conferenze:

32 Caffetteria:

33 Spazi dedicati al personale:

34 Magazzini chiusi al pubblico:

35 Collegamenti verticali e orizzontali (corridoi, scale, ascensori), servizi igienici, locali tecnici:

36 Altri dati (es. numero di piani, numero di piani accessibili al pubblico, ecc.):

37 Numero di posti di lettura (totale):

Diviso in

38 Postazioni per gli audiovisivi:

39 Postazioni informatiche:

40 Sala/e seminari:

41 Postazioni di lavoro:

b Capacità massima di stoccaggio (espressa in metri lineari o volumi)

42 Libri e periodici:

43 a scaffale aperto:

44 a magazzino:

45 in scaffali compatti:

46 Materiale audiovisivo:

Questionario: descrizione nuovi edifici di biblioteche universitarie e di ricerca in Europa
47 Altro:
48 Personale necessario per il funzionamento della nuova biblioteca (espresso in full time equivalent):

c Caratteristiche tecniche
49 Sistema di climatizzazione:
50 Sistema di riscaldamento:
51 Illuminazione:
52 Acustica:
53 Ascensori, montacarichi, scale:
54 Sistemi di trasporto dei libri:
55 Sistema Antitaccheggio:
56 Gestione computerizzata dell’edificio:
57 Tipo e capacità di cablaggio:
58 Altro:

D Tempi di realizzazione del nuovo edificio
59 Elaborazione del programma:
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Budget permitting, the preceding nine volumes will be added gradually to the database.