

## An Introduction to a History of Architecture

AH290

fall '18

5 credits

MWF 10:00-11:20, room 003, Art Building

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### Office hours:

Wednesday, 2-5 pm, rm222 Art Building

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**Course Description:** A cross-cultural introduction to the study of cities and buildings around the world, from 1400 to the present. No slide identifications; emphasis is on developing analytical skills, not memorizing names and dates.

**Course Objectives:** To provide an understanding of differing building traditions across time and diverse cultures across the globe, non-Western as well as Western. Students will learn the basics of structure (if they study; doesn't happen automatically) as well as acquire an understanding of what goes into the design of buildings, the purpose of architecture, its meaning and expressive power. Focus here is on the buildings themselves within their original historical and cultural contexts.

**Disability Services Office:** If you need academic accommodations due to a disability, please contact the [Disability Services Office](#), email: [dso@uw.edu](mailto:dso@uw.edu), 206-543-6450 (voice) / 206-543-6452 (TTY). Please provide the instructor a copy of your letter from Disability Services indicating you have a disability that requires assistance.

**Plagiarism:** Plagiarism consists of using the creations, ideas, words, inventions, or work of someone else in your own work *without* formally acknowledging them through the use of quotation marks, footnotes, bibliography, or other reference. If in doubt as to what might qualify, check with the instructor. Instances of plagiarism will be referred to the Vice Provost/Special Assistant to the President for Student Relations, and can lead to suspension or other major disciplinary action (*not* nice to have on your student record!).

**Images:** Many (though not all) of the slides used in class are accessible on the Web, in the Cities/Buildings Database, an online digital image database created at the University of Washington in 1996 and added to continuously since then. URL: <http://content.lib.washington.edu/buildingsweb/>

There are also, of course, other image-based websites that one can use as a source of images.

Powerpoints of the images used in lectures will be posted online via Canvas for review.

**Texts:** (available at the University Book Store, used bookstores, and in the architecture library, Gould Hall)  
James-Chakraborty, Kathleen. *Architecture Since 1400*, Univ of Minnesota Press, 2014 (required)  
Kostof, *The Architect. Chapters in the History of the Profession*, Oxford, 1977 (recommended)  
Salvadori, *Why Buildings Stand Up*, W.W. Norton, 1980 (recommended and useful)

**Students are expected to do the required reading before class.** Class sessions are likely to start with questions based on the reading which you may be called upon to respond. Best come prepared and expect to speak.

Recommended readings are for those seeking a fuller understanding of the subject; see also James-Chakraborty text for her Further Reading. Books are available in the Architecture Library, Gould Hall; required articles/chapters are available via Canvas: <https://canvas.uw.edu/>

## SCHEDULE AND WEEKLY TOPICS

W 26sept – Introduction; outline of course; discussion of syllabus and text

F 28sept – Architectural history: basic premises and different methodological approaches

### REQUIRED READING:

James-Chakraborty, "Introduction," *Architecture Since 1400*, pp. xi-xx.

Kostof, Spiro. "Introduction: The Study of What We Build," *A History of Architecture*, 2-19 (Canvas)

Trachtenberg & Hyman, "Introduction," *Architecture. From Prehistory to Postmodernity*. 49-53 (Canvas)

### RECOMMENDED:

Mallgrave, Harry F. *Architecture and Embodiment. The Implications of the New Sciences & Humanities for Design*, Routledge, 2013.

M 1oct – Structure: Basic principles

### REQUIRED READING:

Salvadori, "Structures," *Why Buildings Stand Up*, 17-26 (Canvas)

### RECOMMENDED:

Salvadori, "Loads," 43-58; "Materials," 59-71; "Beams & Columns," 72-89, in *Why Buildings Stand Up*.

W 3oct – Ming and Qing China

### REQUIRED READING:

James-Chakraborty, 1-15

RECOMMENDED:

Steinhardt (ed), *Chinese Architecture*, 2002 Introduction, pp. 1-9, plus plates throughout text  
Keswick, Maggie. *The Chinese Garden*. 1978, 2<sup>nd</sup> rev edition, 1986  
Knapp, R. and Kai-Yin Lo, *House Home Family. and Being Chinese*, 2005

F 5oct – Tenochtitland and Cuzco

REQUIRED READING:

James-Chakraborty, 16-29

RECOMMENDED:

Smith, Michael E. *The Aztecs*, 1998  
Pasztory, Esther. *Teotihuacan. An Experiment in Living*, 1997  
Burger and Salazar, *Machu Picchu. Unveiling the Mystery of the Incas*, 2004

M 8oct – Brunelleschi

REQUIRED READING:

James-Chakraborty, 30-43  
Salvadori, "Domes, *Why Buildings Stand Up*, 225-245

RECOMMENDED:

Summerson, John. *The Classical Language of Architecture*, 1963, reprinted a zillion times, as it's a classic  
Ettlinger, Leopold. "The Emergence of the Italian Architect during the 15<sup>th</sup> c., in Kostof, *Architect*, 96-123  
Goldthwaite, Richard A. "The Architect," in *The Building of Renaissance Florence: An Economic & Social History*, 1980, pp. 351-397.

W 10oct – Medici Florence

REQUIRED READING:

James-Chakraborty, 44-60

STRONGLY RECOMMENDED:

Summerson, John. *The Classical Language of Architecture*  
Goldthwaite, Richard A. *The Building of Renaissance Florence: An Economic & Social History*, 1980

F 12oct – The Renaissance in Rome and the Veneto

REQUIRED READING:

James-Chakraborty, 61-74

RECOMMENDED:

Summerson, John. *The Classical Language of Architecture*  
Wilkinson, Catherine. "The New Professionalism in the Renaissance," Kostof, *The Architect*, 124-160

M 15oct – Resisting the Renaissance (northern Europe, France, elsewhere)

REQUIRED READING:

James-Chakraborty, 75-91

RECOMMENDED:

Rosenfeld, Myra Nan. "The Royal Building Administration in France from Charles V to Louis XIV,"  
Kostof, *The Architect*, 161-179

W 17oct – Ottomans and the Safavids, Mughals (Northern Africa)

REQUIRED:

James-Chakraborty, 92-108

RECOMMENDED:

Salvadori, "Hagia Sophia," *Why Buildings Stand Up*, 246-258 (structure)  
Holod, Renata. *Architecture & Community. Building in the Islamic World Today*.  
Hattstein, Markus. *Islam Art and Architecture*.  
Hillenbrand, Robert. *Islamic Architecture*, 1994 (mainly plates)

**F 19oct – FIRST EXAM. Please use pen**

M 22oct - Early Modern Southeast Asia (India, Taj Mahal, Afghanistan, etc.)

REQUIRED:

James-Chakraborty, 109-124

RECOMMENDED:

Stierlin, Henri. *Hindu India* (intro; images)  
Cooper, Ilay and Barry Dawson, *Traditional Buildings of India*, 1998, Introduction, 8-20, plus plates  
Tadgell, Christopher. *The History of Architecture in India*, 1990

W 24oct - Baroque Rome (the city, St Peter's, Bernini)

REQUIRED READING:  
James-Chakraborty, 125-140

F 26oct – Northern Baroque (France, Henri IV's Paris, Versailles; Russia)  
REQUIRED READING:  
James-Chakraborty, 157-172

M 29oct – Living on North American Land  
REQUIRED READING:  
James-Chakraborty, 191-207  
RECOMMENDED:  
Eggenger, Keith. *American Architectural History: A Contemporary Reader*, 2004

W 31oct – East and Southeast Asia; Edo Japan  
REQUIRED READING:  
James-Chakraborty, 208-236  
RECOMMENDED:  
Nishi and Hozumi, *What is Japanese Architecture?*  
Jun'ichiro Tanizaki, *In Praise of Shadows*, 1977 (Engl transla)

F 2nov – Neoclassicism, Gothic Revival, and the Civic Realm  
REQUIRED READING:  
James-Chakraborty, 237-254

M 5nov - Industrial Revolution  
REQUIRED READING:  
James-Chakraborty, 255-272  
RECOMMENDED:  
Wilton-Ely, John. "The Rise of the Professional Architect in England," Kostof, *The Architect*, 180-208

W 7nov – Paris 19<sup>th</sup> c.  
REQUIRED READING:  
James-Chakraborty, 273-289

F 9nov – **SECOND EXAM. Please use pen**

M 12nov – Veterans Day Holiday

W 14nov - Chicago  
REQUIRED READING:  
James-Chakraborty, 323-341  
RECOMMENDED:  
Salvadori, "Skyscrapers," *Why Buildings Stand Up*, 107-125

F 16nov - Inventing the Avant-Garde (modernism, FLW, Le Corbusier)  
REQUIRED READING:  
James-Chakraborty, 342-358

M 19nov – Architecture for a Mass Audience (democracy; standardization; Germany in the 1920s)  
REQUIRED READING:  
James-Chakraborty, 359-373

W 21nov – Imposing Urban Order (city ideals, early 20<sup>th</sup> c.)  
REQUIRED READING:  
James-Chakraborty, 374-390

F 23nov – THANKSGIVING HOLIDAY (enjoy!)

M 26nov - Modern Movement in the Americas  
REQUIRED READING:

James-Chakraborty, 391-410

W 28nov - Africa: Villages & Cities

REQUIRED:

James-Chakraborty, 411-423

Recommended:

Alemayehu, Makonnen. *Industrializing Africa. Development Options & Challenges for the 21<sup>st</sup> century*, Africa World Press, Inc., Eritrea, 2000.

Adam, Robert. *The Globalisation of Modern Architecture. The Impact of Politics, Economics, and Social Change on Architecture and Urban Design since 1990*, Cambridge Scholars, 2012.

Koolhaas, Rem. *Mutations: Atlas Contemporary Urban Landscapes*. Actar/Aec en Reve Centre D'Arc, Bordeaux 2001

F 30nov – Postcolonial Modernism

REQUIRED:

James-Chakraborty, 424-438

RECOMMENDED:

Evenson, Norma. *Two Brazilian Capitals. Architecture and Urbanism in Rio de Janeiro and Brasilia*, 1973

Holston, James. *The Modernist City. An Anthropological Critique of Brasilia*, 1989

M 3dec - Postwar Japan

REQUIRED:

James-Chakraborty, 439-455

W 5dec -- Postmodernism to Neomodernism in U.S. and Europe

REQUIRED:

James-Chakraborty, 456-471

RECOMMENDED:

Venturi, Robert. *Complexity and Contradiction in Architecture*, MoMA, 1966, 1977 (esp pp. 16-33)

Jencks, Charles. *The Language of Post-Modern Architecture*, esp plates

**F 7dec - THIRD EXAM. PLEASE USE PEN**

## EXAMS

Each exam will consist of five short-answer questions. Images of the buildings in question will be shown, drawn from the text or lectures, with names, date, place, and architect (if known). What is being evaluated here is not your ability to memorize names and dates, but to think critically about the material we've studied. Exams will be graded by a reader assigned to the course.

**RESERVE BOOK LIST** (2-hr reserve; Architecture Library, Gould Hall.)

Alex, William. *Japanese Architecture*, NY, 1963

Berkeley, Ellen Perry (ed)., *Architecture. A Place for Women*, 1989

Brownlee and DeLong, Kahn. *In the Realm of Architecture*, NY, 1992

Cooper, Ilay and Barry Dawson, *Traditional Buildings of India*, 1998

Frank Lloyd Wright, *Architect*. MoMA, NY, 1994

James-Chakraborty, Kathleen. *Architecture Since 1400*, 2014

Jencks, Charles. *The Language of Post-Modern Architecture*, 3<sup>rd</sup> ed. or later

Kostof, Spiro. *A History of Architecture*, Oxford, 2<sup>nd</sup> edition, 1995

Kostof, Spiro. *The Architect. Chapters in the History of the Profession*, Oxford, 1977

Kubler, George. *Art and Architecture of Ancient America*, 1990

Martin, Brenda and Penny Sparke, *Women's Places: Architecture and Design 1860-1960*, 2003

Robertson, D. *Pre-Columbian Architecture*, New York, 1963

Salvadori, M. *Why Buildings Stand Up*, New York, 1990

Toy, Maggie. *The Architect. Women in Contemporary Architecture*, 2001

Trachtenberg, Marvin and Isabelle Hyman, *Architecture. From Prehistory to Postmodernity*. 2<sup>nd</sup> ed.

Venturi, Robert. *Complexity and Contradiction in Architecture*, New York, 1966

## FURTHER READING

*These are selected readings for students wanting to pursue specific subjects in depth; books should be available at the Architecture Library, Gould Hall. Be sure to check the Chakraborty text, too, for additional suggestion. Mixture here of old classics and new, hot off press.*

#### GENERAL

Ching, Jarzombek, Prakash, *A Global History of Architecture*, John Wiley & Sons, 2007  
Cuff, Dana. *Architecture: The Story of Practice*, Cambridge, Mass. 1991  
Kubler, George. *The Shape of Time. Remarks on the History of Things*, New Haven, 1962.  
Mainstone, Robert. *Developments in Structural Form*, Cambridge, Mass, 1975.  
Mark, Robert. *Architectural Technology up to the Scientific Revolution*, Cambridge, Mass, 1993  
Moholy-Nagy, Sibyl. *Native Genius in Anonymous Architecture*, NY, 1957  
Mumford, Lewis. *The City in History*, New York, 1961.  
Pevsner, Nikolas *A History of Building Types*, Princeton, 1976.  
Rapoport, Amos. *House Form and Culture*, New Jersey, 1969.  
Rasmussen, S. *Experiencing Architecture*, 1959  
Rudofsky, Bernard. *Architecture Without Architects*, New York, 1964.  
Salvadori, Mario. *Why Buildings Stand Up*, NY, 1980; 1990.  
Summerson, Sir John. *The Classical Language of Architecture*, Cambridge, Mass. 1963  
Upton, Dell. "Architectural History or Landscape History?" *Journal of Architectural Education*, Aug. 1991, 195-199.

#### AFRICAN ARCHITECTURE

Bourdier, J-P and Minh-Ha, T., *Drawn from African Dwellings*, 1996  
Prussin, L. *African Nomadic Architecture. Space, Place and Gender*, 1995

#### CHINESE ARCHITECTURE

*Chinese Landscapes: The Village as Place*, 1992.  
Johnston, R. S. *Scholar Gardens of China*, Cambridge, England, 1991  
Keswich, Maggie. *The Chinese Garden*, New York, 1978  
Liu, Laurence. *Chinese Architecture*, 1989  
Liang Ssu-Ch'eng, *A Pictorial History of Chinese Architecture*, 1986  
Schinz, Alfred. *Cities in China*, 1989.  
Sickman, L. and Soper, A. *The Art and Architecture of China*, 3rd ed., Baltimore, 1971.  
Steinhardt, N. *Chinese Traditional Architecture*, 1984  
Steinhardt, N. *Liao Architecture*, 1997  
Steinhardt, N. (ed). *Chinese Architecture*, 2002  
Steinhardt, N. *Chinese Imperial City Planning*, 1999

#### COLONIAL/POST-COLONIAL

Nelson, Louis P. *Architecture and Empire in Jamaica*. Yale Univ Press, 2016. (excellent bk; model of its kind)

#### DIGITAL ARCHITECTURE

Goodhouse, Andrew. *When is the Digital in Architecture?* Canadian Center for Architecture, 2017 (Picon essay is especially good)  
Picon, Antoine. *Ornament: The Politics of Architecture and Subjectivity* (last chapt: on computer-generated designs and ornamentation in contemporary archtr), 2013

#### INDIAN ARCHITECTURE

Desai, Madhuri. *Banaras Reconstructed. Architecture and Sacred Space in a Hindu Holy City*, 2017.  
Woods, Mary. *Women Architects in India. Histories of Practice in Mumbai and Delhi*, 2017. (series of interviews with women in practice)  
Juneja, Monica (ed)., *Architecture in Medieval India*, New Delhi: Permanent Black, 2001  
Huntington, S. & J., *The Art of Ancient India: Buddhist, Hindu, Jain*, NY, 1985  
Cooper, Ilay and Dawson, Barry. *Traditional Buildings of India*, 1998  
Meister, M. *Encyclopedia of Indian Temple Architecture*, 1985  
Nath, R. *Islamic Architecture and Culture in India*, Delhi, 1982  
Rowland, B. *The Art and Architecture of India*, 3rd ed., Baltiimore, 1977  
Stierlin, Henri. *Hindu India. From Khajuraho to the Temple City of Madurai*, 1998

#### ISLAMIC ARCHITECTURE

Gharipour, Mohammad (ed) *Synagogues in the Islamic World: Architecture Design and Identity*, 2017

Ettinghausen, R. and O. Grabar, The Art & Architecture of Islam, 650-1250, England and NY, 1987.  
Freely, J. and R. Burelli, Sinan. Architect of Suleyman the Magnificent and the Ottoman Golden Age, 1992  
Hillenbrand, R. Islamic Architecture. Form, Function, & Meaning. 1994  
Hoag, J. Islamic Architecture, NY, 1977.  
Michell, G., ed. Architecture of the Islamic World: Its History and Social Meaning, NY, 1984

#### JAPANESE ARCHITECTURE

Alex, W. Japanese Architecture, NY, 1963  
Bognar, B. The New Japanese Architecture, NY, 1990  
Drexler, A. The Architecture of Japan, MoMA, NY, 1955  
Gropius, Tange, Ishimoto, Katsura. Tradition and Creation in Japanese Architecture, New Haven, 1960  
Nishi, K. & Hozumi, K. What is Japanese Architecture?, NY, 1983.  
Nishihara, K. Japanese Houses: Patterns for Living, Tokyo, 1967.  
Paine, R. and A. Soper, The Art & Architecture of Japan, 3rd ed, Baltimore, 1981  
Stewart, D. The Making of a Modern Japanese Architecture, 1868 to the Present, Kodansha International, NY, 1987

#### PRE-COLUMBIAN

Hardoy, J. Urban Planning in Pre-Columbian America, NY, 1968  
Kubler, G. The Art and Architecture of Ancient America, Penguin Books, Baltimore, MD, 3rd ed. 1990  
Reese, T., ed. Studies in Ancient American & European Art. The Collected Essays of George Kubler, New Haven, 1985.  
Robertson, D. Pre-Columbian Architecture, NY, 1963.  
Paszatory, Esther. Teotihuacan, 1997  
Smith, Michael E. The Aztecs, 1998

#### INDIGENOUS PEOPLES

Krinsky, C. Contemporary Native American Architecture, 1996  
Nabokov, P. Native American Architecture, NY, 1989  
Sturtevant, Wm. (ed), Handbook of North American Indians, 1990

#### AFRICAN-AMERICAN ARCHITECTURE

Travis, J, ed. African-American Architects, 1991 (old; gives sense of how field has expanded since then)

#### ANCIENT

Lloyd, S., H. Muller & R. Martin, Ancient Architecture: Mesopotamia, Egypt, Crete, Greece, NY, 1974  
Lampl, P. Cities & Planning in the Ancient Near East, NY, 1968.  
Edwards, I. The Pyramids of Egypt, Baltimore, 1964.  
Krautheimer, R. Rome: Profile of a City, 312-1308, 1974  
MacDonald, William L. The Pantheon, 1976  
MacDonald, William L. The Architecture of the Roman Empire, vols I and II, New Haven, 1982, 1986; ppb 1988  
Vitruvius, The Ten Books of Architecture

#### EARLY CHRISTIAN, BYZANTINE; MIDDLE AGES

Bony, J. French Gothic Architecture of the 12th & 13th Centuries, 1984  
Krautheimer, R. Early Christian & Byzantine Architecture, 1975  
MacDonald, W. Early Christian & Byzantine Architecture, NY, 1962  
Mark, R. Experiments in Gothic Structure, Cambridge, Mass. 1982  
Mark, R. and A. Cakmak, eds, Hagia Sophia From the Age of Justinian to the Present, 1992  
Mathews, T. The Early Churches of Constantinople - Architecture & Liturgy, 1974  
Panofsky, E., Gothic Architecture & Scholasticism, 1951  
Smith, E. B. The Dome. A Study in the History of Ideas, Princeton, 1982.

#### RENAISSANCE, BAROQUE & NEOCLASSICISM

Elet, Yvonne. Architectural Invention in Renaissance Rome, Cambridge Univ Press, 2017 (excellent bk ; on architectural practice in Western world in general )  
Ackerman, J. Michelangelo, 1961  
Ackerman, J. Palladio, 1966, 1983  
Kaufmann, E. Architecture in the Age of Reason, NY, 1968.  
Lemagny, J. Visionary Architects, Houston, TX, 1968

Middleton, R. & D. Watkin, Neoclassicism & 19th c. Architecture, 1980  
Portoghesi, P. Rome of the Renaissance, 1974  
Wittkower, R. Architectural Principles in the Age of Humanism, London, 1952  
Wittkower, R. Italian Baroque Architecture, 1973

#### 19TH & 20TH CENTURIES

Riley and Reed, eds. *Frank Lloyd Wright, Architect*, MoMA, NY, 1994  
Banham, R. *Theory & Design in the First Machine Age*, NY, 1967  
Benevolo, L. *History of Modern Architecture*, Cambridge, Mass. 1977  
Brownlee, D. & D. DeLong, Kahn. *In the Realm of Architecture*, NY, 1992  
Banham, R. *Theory & Design in the First Machine Age*, NY, 1967  
Curtis, W. *Modern Architecture Since 1900*, Oxford, 1987  
Cook & Klotz, *Conversations with Architects*, 1973  
Frampton, K. *A Critical History of Modern Architecture*, most recent editn  
Hayden, Dolores. *The Grand Domestic Revolution: A History of Feminist Designs for American Homes*, 1982  
Jencks, C. *The Language of Post-Modern Architecture*, NY, 1979, rev.ed, 1987  
Klotz, H. *The History of Postmodern Architecture*, 1984 (Engl trans, Cambridge, Mass., 1988)  
LeCorbusier, *Towards a New Architecture*, London, 1923 (Engl trans, 1927)  
Mignot, C. *Architecture of the 19th c. in Europe*  
Scully, V. *Frank Lloyd Wright*, NY, 1960  
Schulze, F. *Mies van der Rohe. Critical Biography*, 1987  
Spaeth, David. *Mies van der Rohe*, New York, 1985  
Tschumi, Bernard. *Le Parc de la Villette*, NY, 1987  
Venturi, R. *Complexity and Contradiction in Architecture*, MoMA, NY, 1966.  
Vlath, J. *Back of the Big House. The Architecture of Plantation Slavery*, Raleigh, NC, 1993  
Zukowsky, J., ed. *Chicago Architecture, 1872-1922*, Chicago, 1987

#### WOMEN IN ARCHITECTURE

Berkeley, Ellen Perry (ed). *Architecture. A Place for Women*, 1989  
Clausen, Meredith L. "Women in Architecture at the Ecole des Beaux-Arts, Paris, After Julia Morgan," *Journal of the Society of Architectural Historians*, june 2010.  
Coleman, Debra et al, (eds). *Architecture and Feminism*, 1996  
Hughes, Francesco (ed). *The Architect. Constructing Her Practice*, 1996  
Martin, Brenda and Penny Sparke, *Women's Places: Architecture and Design 1860-1960*, 2003  
Nochlin, Linda. "Why Have There Been No Great Women Artists," Nochlin, *Women, Art & Power*, 1988  
Toy, Maggie (ed). *The Architect. Women in Contemporary Practice*, 2001  
Woods, Mary N . *Women Architects in India. Histories of Pracice in Mumbai and Delhi*. 2017  
Wright, Gwendolyn. "On the Fringe of the Profession. Women in Amer. Architecture," Kostof, *The Architect* 280-308