

2008/2009	Bouwkunde	Master Architecture, Urbanism & Building Sciences
AR0540	Urban Design 3	ECTS: 9

Responsible Instructor	Name	E-mail
	Dr.ir. S.C. van der Spek	S.C.vanderSpek@tudelft.nl

Instructor	Name	E-mail
	T. Bouma	T.Bouma@tudelft.nl

Contact Hours / Week
x/x/x/x 56 uur per semester

Education Period
2
4

Start Education
2
4

Exam Period
2
4

Course Language English

Required for MSc-3 Urbanism
AR0550/AR0560

Expected prior knowledge BSc; MSc-1/2 Urbanism
course consists of AR0540/550/560

Summary The course is part of the Urban Design free choice package offered by the Department of Urbanism. The course combines two analytical exercises and one integral design task: Urban Design 1, 2 and 3. Together they combine 15 ECTS.

The focus of the course is an urban transformation of limited scale. The location may vary from time to time but public space, urban typology, green and infrastructure will always be components of the task we ask from you.

Recently the design task (Urban Design 3, AR0540) is always related to the research undertaken by the Urban Design chair. Current topics are:

- the quality of public space in core urban areas
- intensification adjacent to transit-hubs (transit-oriented development)
- urban regeneration

Course Contents The exercise is part of the Urban Design package: Urban Design 1, 2 and 3. The exercise is used to develop part of the analysis, necessary for the design part in Urban Design 3. Key to Urban Design 1, 2, and 3 is a urban transformation design task of limited scale, a task combining public space, building typology, green and infrastructure. The design task in Urban Design 3 relates to at least one of the key issues in the research of the Urban Design Chair:

- the spatial possibilities and the use of urban parks
- the quality of public space in city centres
- the intensification of urban areas located near public transport hubs.

Study Goals

- Formulation and elaboration of the student's own design project on the basis of abstract concepts such as functionality, sustainability and beauty;
- Ability to integrate various technical aspects at various levels of scale in a coherent urban plan;
- Ability to indicate and render account for the effect of interventions at one level of scale at another level of scale;
- Ability to work with brief, densities and intensities.

Education Method Course load: 252 hours
Contact time: 56 hours
Independent study: 196 hours

Computer Use Adobe CS3; Sketchup; ArcGIS

Course Relations AR0540/AR0550/AR0560
Erasmus Package 11

Literature and Study Materials see Blackboard / Semester guide or reader

Practical Guide semester guide / reader available

Reader available in english

Assessment An interim final presentation is made in week 16. This is an indicative assessment that provides a guideline for the completion of the work. The final mark is wholly determined on the basis of the portfolio, to be submitted in week 20. Students obtain a detailed overview beforehand of the products that the portfolio should contain and how these are assessed.

Special Information	These are set out in the semester book.
Remarks	Blackboard 2008/2009: The course is part of 'veldacademie oud-chalois (rotterdam)'; A selected group of 15 students will work full-time in an atelier at the location. Excursion is part of the program
Period of Education	Quarter
Minimum aantal deelnemers	8
Maximum aantal deelnemers	32

2008/2009	Bouwkunde	Master Architecture, Urbanism & Building Sciences				
AR0550	Urban Design 1	ECTS: 3				
Responsible Instructor	<table border="1"> <thead> <tr> <th>Name</th> <th>E-mail</th> </tr> </thead> <tbody> <tr> <td>Dr.ir. S.C. van der Spek</td> <td>S.C.vanderSpek@tudelft.nl</td> </tr> </tbody> </table>		Name	E-mail	Dr.ir. S.C. van der Spek	S.C.vanderSpek@tudelft.nl
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Instructor	<table border="1"> <thead> <tr> <th>Name</th> <th>E-mail</th> </tr> </thead> <tbody> <tr> <td>Dr.ir. M.J. van Dorst</td> <td>M.J.vanDorst@tudelft.nl</td> </tr> </tbody> </table>		Name	E-mail	Dr.ir. M.J. van Dorst	M.J.vanDorst@tudelft.nl
Name	E-mail					
Dr.ir. M.J. van Dorst	M.J.vanDorst@tudelft.nl					
Contact Hours / Week x/x/x/x	21 uur per semester					
Education Period	2 4					
Start Education	2 4					
Exam Period	2 4					
Course Language	English					
Required for	MSc-3 Urbanism AR0540/AR0560					
Expected prior knowledge	BSc; MSc-1/2 Urbanism					
Summary	<p>The course is part of the Urban Design free choice package offered by the Department of Urbanism. The course combines two analytical exercises and one integral design task: Urban Design 1, 2 and 3. Together they combine 15 ECTS.</p> <p>The focus of the course is an urban transformation of limited scale. The location may vary from time to time but public space, urban typology, green and infrastructure will always be components of the task we ask from you.</p> <p>Recently the design task (Urban Design 3, AR0540) is always related to the research undertaken by the Urban Design chair. The analysis in Urban Design 1 concentrates on sustainability.</p>					
Course Contents	<p>The exercise is part of the Urban Design package: Urban Design 1, 2 and 3. The exercise is used to develop part of the analysis, necessary for the design part in Urban Design 3. Key to Urban Design is 1, 2, and 3 is a urban transformation design task of limited scale, a task combining public space, building typology, green and infrastructure. Urban Design 1 examines aspects of sustainability and accessibility. The analysis concludes with proposing improvements that can be used in the design project.</p>					
Study Goals	<p>- Overview of and insight into aspects of sustainability with respect to mobility and water management;</p> <p>- Skills in the incorporation of sustainable mobility and water management design aspects in an integral design.</p>					
Education Method	<p>Course load: 84 hours Contact time: 21 hours Independent study: 63 hours</p>					
Computer Use	Adobe CS3; Sketchup; ArcGIS					
Course Relations	AR0540/AR0550/AR0560 Erasmus package 11					
Literature and Study Materials	Reader 'Landscape analyses, water systems and mobility'					
Practical Guide	semester guide / reader available					
Reader	available in english					
Assessment	Posterpresentation, sketchbook and written reflection					
Special Information	Blackboard					
Remarks	2008/2009: The course is part of 'veldacademie oud-chalois (rotterdam)'; A selected group of 15 students will work full-time in an atelier at the location. Excursion is part of the program					
Period of Education	Quarter					
Minimum aantal deelnemers	8					
Maximum aantal deelnemers	32					

Responsible Instructor**Name**[Dr.ir. S.C. van der Spek](#)**E-mail**S.C.vanderSpek@tudelft.nl**Instructor****Name**[J.R.T. van der Velde](#)**E-mail**J.R.T.vanderVelde@tudelft.nl**Contact Hours / Week
x/x/x/x**

21 uur per semester

Education Period2
4**Start Education**2
4**Exam Period**2
4**Course Language**

English

Required forMSc-3 Urbanism
AR0540/AR0550**Expected prior knowledge**BSc; MSc-1/2 Urbanism
course consists of AR0540/550/560**Summary**

The course is part of the Urban Design free choice package offered by the Department of Urbanism. The course combines two analytical exercises and one integral design task: Urban Design 1, 2 and 3. Together they combine 15 ECTS.

The focus of the course is an urban transformation of limited scale. The location may vary from time to time but public space, urban typology, green and infrastructure will always be components of the task we ask from you.

Recently the design task (Urban Design 3, AR0540) is always related to the research undertaken by the Urban Design chair. The analysis in Urban Design 2 concentrates on the urban landscape.

Course Contents

The exercise is part of the Urban Design package: Urban Design 1, 2 and 3. The exercise is used to develop part of the analysis, necessary for the design part in Urban Design 3. Key to Urban Design is 1, 2, and 3 is a urban transformation design task of limited scale, a task combining public space, building typology, green and infrastructure. Urban design 2 examines aspects of urban landscapes, urban environments and the processes behind them. The analysis concludes with proposing improvements that can be used in the design project.

Study Goals

- Overview of and insight into the layered nature of the rural and urban environment; the typology of the landscape and the city; the mechanism of rural and urban transformation;
- proficiency in performing urban planning analyses at various levels of scale.

Education Method

Course load 84 hours
Contact time 21 hours
Independent study 63 hours

Computer Use

Adobe CS3; Sketchup; ArcGIS

Course RelationsAR0540/AR0550/AR0560
Erasmus Package 11**Literature and Study
Materials**

Haupt, Berghauser, Pont (2002) 'Space Mate', uitgeverij permeta architecten, Amsterdam (english version)

Assessment

Posterpresentation, sketchbook and written reflection

Special Information

Blackboard

Remarks

2008/2009: The course is part of 'veldacademie oud-chalois (rotterdam)'; A selected group of 15 students will work full-time in an atelier at the location. Excursion is part of the program

Period of Education

Quarter

**Minimum aantal
deelnemers**

8

**Maximum aantal
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32