

# The Physics of Low-dimensional Structures and Quantum Devices

Extent: 7.5 credits

Cycle: A

Grading scale: TH

Course evaluations: [Archive for all years](#)

Academic Year	Course Syllabus	Board of Education	Department / Division	Suitable for exchange students	Teaching Language	Entry Requirements	Assumed Prior Knowledge	Limited Number of Participants	Course Web Page	Examinations
2016/17	<a href="#">SV EN</a>	UNB	<a href="#">7136</a>	X	E		X		<a href="#">Course Web Page</a>	<a href="#">Examinations</a>
2015/16	<a href="#">SV EN</a>	UNB	<a href="#">7136</a>	X	E		X		<a href="#">Course Web Page</a>	<a href="#">Examinations</a>
2014/15	<a href="#">SV EN</a>	UNB	<a href="#">7136</a>	X	E		X		<a href="#">Course Web Page</a>	<a href="#">Examinations</a>
2013/14	<a href="#">SV EN</a>	UNB	<a href="#">7136</a>	X	E		X		<a href="#">Course Web Page</a>	<a href="#">Examinations</a>
2012/13	<a href="#">SV EN</a>	<a href="#">UN1</a>	<a href="#">7136</a>	X	E2		X		<a href="#">Course Web Page</a>	<a href="#">Examinations</a>
2011/12	<a href="#">SV EN</a>	UN1	<a href="#">7136</a>	X	E2		X		<a href="#">Course Web Page</a>	<a href="#">Examinations</a>
2010/11	<a href="#">SV EN</a>	UN1	<a href="#">7136</a>	X	E2		X		<a href="#">Course Web Page</a>	
2009/10	<a href="#">SV EN</a>	UN1	<a href="#">7136</a>	X	E2		X		<a href="#">Course Web Page</a>	
2008/09	<a href="#">SV EN</a>	UN1	<a href="#">7136</a>	X	E2		X		<a href="#">Course Web Page</a>	
2007/08	<a href="#">SV EN</a>	UN1	<a href="#">7136</a>	X	E2		X		<a href="#">Course Web Page</a>	

From the beginning of the academic year 2017/18, this course has received the new course code [FFFN35](#).

## 2021/22

The course is offered with the course code [FFFN35](#) this academic year.

## 2020/21

The course was offered with the course code [FFFN35](#) this academic year.

## 2019/20

The course was offered with the course code [FFFN35](#) this academic year.

## 2018/19

The course was offered with the course code [FFFN35](#) this academic year.

## 2017/18

The course was offered with the course code [FFFN35](#) this academic year.

## 2016/17

### Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	16/17 sp1	16/17 sp2	16/17 sp3	16/17 sp4											
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
<a href="#">E</a>	-	V	<a href="#">4</a>	4		30	12	16	10	130									
<a href="#">F</a>	-	V	<a href="#">4</a>	4		30	12	16	10	130									
<a href="#">F</a>	nf	V	<a href="#">4</a>	4		30	12	16	10	130									
<a href="#">N</a>	hn	V	<a href="#">5</a>	4		30	12	16	10	130									
<a href="#">N</a>	nf	O	<a href="#">4</a>	4		30	12	16	10	130									

### Footnotes 2016/17

[E](#): Re-examination set by agreement.

## 2015/16

Mandatory / Elective

Programme	Specialisation	Mandatory / Elective	Included in Study Year	Allowed from Study Year	15/16 sp1					15/16 sp2					15/16 sp3					15/16 sp4									
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S					
<a href="#">E</a>	-	V	<a href="#">4</a>	4						30	12	16	10	130															
<a href="#">E</a>	-	V	<a href="#">4</a>	4						30	12	16	10	130															
<a href="#">E</a>	nf	V	<a href="#">4</a>	4						30	12	16	10	130															
<a href="#">N</a>	hn	V	<a href="#">5</a>	4						30	12	16	10	130															
<a href="#">N</a>	nf	O	<a href="#">4</a>	4						30	12	16	10	130															

### Footnotes 2015/16

[E](#): Re-examination set by agreement.

## 2014/15

Mandatory / Elective

Programme	Specialisation	Mandatory / Elective	Included in Study Year	Allowed from Study Year	14/15 sp1					14/15 sp2					14/15 sp3					14/15 sp4									
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S					
<a href="#">E</a>	-	V	<a href="#">4</a>	4						30	12	16	10	130															
<a href="#">E</a>	-	V	<a href="#">4</a>	4						30	12	16	10	130															
<a href="#">E</a>	nf	V	<a href="#">4</a>	4						30	12	16	10	130															
<a href="#">N</a>	hn	V	<a href="#">5</a>	4						30	12	16	10	130															
<a href="#">N</a>	nf	O	<a href="#">4</a>	4						30	12	16	10	130															

### Footnotes 2014/15

[E](#): Re-examination set by agreement.

## 2013/14

### Mandatory / Elective

Programme	Specialisation	Mandatory / Elective	Included in Study Year	Allowed from Study Year	13/14					13/14					13/14					13/14									
					sp1	sp2				sp3	sp4				sp5	sp6				sp7	sp8								
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
<u>E</u>	-	V	4	2						30	12	16	10	130															
<u>E</u>	f	V	4	2						30	12	16	10	130															
<u>F</u>	-	V	4	4						30	12	16	10	130															
<u>F</u>	f	V	4	4						30	12	16	10	130															
<u>F</u>	nf	V	4	4						30	12	16	10	130															
<u>N</u>	hn	V	5	4						30	12	16	10	130															
<u>N</u>	nf	O	4	4						30	12	16	10	130															

### Footnotes 2013/14

E: Re-examination set by agreement.

## 2012/13

Mandatory / Elective

Programme	Specialisation	Mandatory / Elective	Included in Study Year	Allowed from Study Year	12/13 sp1					12/13 sp2					12/13 sp3					12/13 sp4									
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S					
<a href="#">E</a>	-	V	<a href="#">4</a>	2						30	12	16	10	130															
<a href="#">E</a>	f	V	<a href="#">4</a>	2						30	12	16	10	130															
<a href="#">E</a>	-	V	<a href="#">4</a>	3						30	12	16	10	130															
<a href="#">E</a>	f	V	<a href="#">4</a>	3						30	12	16	10	130															
<a href="#">E</a>	hn	V	<a href="#">4</a>	3						30	12	16	10	130															
<a href="#">E</a>	nf	V	<a href="#">4</a>	3						30	12	16	10	130															
<a href="#">MFOT</a>	-	V	<a href="#">1</a>	1						30	12	16	10	130															
<a href="#">MNAV</a>	-	O	<a href="#">1</a>	1						30	12	16	0	130															
<a href="#">N</a>	hn	V	<a href="#">5</a>	4						30	12	16	10	130															
<a href="#">N</a>	nf	O	<a href="#">4</a>	3						30	12	16	10	130															

Footnotes 2012/13

[E](#): Re-examination set by agreement.

2011/12

Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	11/12 sp4	
						F O L H S
<a href="#">E</a>	-	V	<a href="#">4</a>	2		
<a href="#">E</a>	f	V	<a href="#">4</a>	2		
<a href="#">E</a>	-	V	<a href="#">4</a>	3		
<a href="#">E</a>	f	V	<a href="#">4</a>	3		
<a href="#">E</a>	hn	V	<a href="#">4</a>	3		
<a href="#">E</a>	nf	V	<a href="#">4</a>	3		
<a href="#">MFOT</a>	-	V	<a href="#">1</a>	1		
<a href="#">MNAV</a>	-	O	<a href="#">1</a>	1		
<a href="#">MSOC</a>	-	V	<a href="#">1</a>	1		
<a href="#">N</a>	hn	V	<a href="#">5</a>	4		
<a href="#">N</a>	nf	O	<a href="#">4</a>	3		

Footnotes 2011/12

[E](#): Omtentamen enligt överenskommelse.

2010/11

Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	10/11 sp4
					F O L H S
<a href="#">E</a>	-	V	<a href="#">4</a>	2	
<a href="#">E</a>	f	V	<a href="#">4</a>	2	
<a href="#">E</a>	-	V	<a href="#">4</a>	3	
<a href="#">E</a>	f	V	<a href="#">4</a>	3	
<a href="#">E</a>	hn	V	<a href="#">4</a>	3	
<a href="#">E</a>	nf	V	<a href="#">4</a>	3	
<a href="#">MFOT</a>	-	V	<a href="#">1</a>	1	
<a href="#">MNAV</a>	-	O	<a href="#">1</a>	1	
<a href="#">MSOC</a>	-	V	<a href="#">2</a>	1	
<a href="#">N</a>	hn	V	5	4	
<a href="#">N</a>	nf	O	<a href="#">4</a>	3	

Footnotes 2010/11

[E](#): Omtentamen enligt överenskommelse.

2009/10

## Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	09/10 sp4	
						F O L H S
<a href="#">E</a>	-	V	4	2		
<a href="#">E</a>	-	V	4	3		
<a href="#">E</a>	nfe	V	4	3		
<a href="#">MNAV</a>	-	O	<a href="#">1</a>	1		
<a href="#">MSOC</a>	-	V	<a href="#">2</a>	1		
<a href="#">N</a>	-	V	4	3		
<a href="#">N</a>	nel	V	4	3		
<a href="#">N</a>	nf	O	4	3		

## Footnotes 2009/10

[E](#): Omtentamen enligt överenskommelse.

## 2008/09

## Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	08/09 sp4	
						F O L H S
<a href="#">E</a>	-	V	4	2		
<a href="#">E</a>	-	V	4	3		
<a href="#">E</a>	nfe	V	4	3		
<a href="#">MNAV</a>	-	O	4	3		
<a href="#">MSOC</a>	-	V	<a href="#">2</a>	1		
<a href="#">N</a>	-	V	4	3		
<a href="#">N</a>	nel	V	4	3		
<a href="#">N</a>	nf	O	4	3		



## Footnotes 2008/09

[E](#): Omtentamen enligt överenskommelse.

## 2007/08

Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	07/08 sp4
					F O L H S
<a href="#">E</a>	-	V	4	2	
<a href="#">E</a>	-	V	4	3	
<a href="#">E</a>	nfe	V	4	3	
<a href="#">MSOC</a>	-	V	2	1	
<a href="#">N</a>	-	V	4	3	
<a href="#">N</a>	nel	V	4	3	
<a href="#">N</a>	nf	O	4	3	

## Footnotes 2007/08

[E](#): Omtentamen enligt överenskommelse.