

Advanced Course in Electrical and Information Technology

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
2019/20	SV EN	PLED C/D	7201	X	E1	X	X		Course Web Page	Examinations
2018/19	SV EN	PLED C/D	7201	X	E1	X	X		Course Web Page	Examinations
2017/18	SV EN	PLED C/D	7201	X	E1	X	X		Course Web Page	Examinations
2016/17	SV EN	UNA	7201	X	E1	X	X		Course Web Page	Examinations
2015/16	SV EN	UNA	7201	X	E1	X	X		Course Web Page	Examinations
2014/15	SV EN	UNA	7201	X	E1	X	X		Course Web Page	Examinations
2013/14	SV EN	UNA	7201	X	E1	X	X		Course Web Page	Examinations
2012/13	SV EN	UN1	7201	X	E2	X	X		Course Web Page	Examinations
2011/12	SV EN	UN1	7201	X	E2	X	X		Course Web Page	Examinations

2019/20

Mandatory / Elective

Programme	Specialisation	Included in Study Year	Allowed from Study Year	19/20 sp1					19/20 sp2					19/20 sp3					19/20 sp4					
				F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	
C	-	V	5	4	0	0	0	0	200															
D	-	V	5	4	0	0	0	0	200															
E	-	V	5	4	0	0	0	0	200															
F	-	V	5	4	0	0	0	0	200															
I	pvs	V	5	4	0	0	0	0	200															
MWIR	-	V	2	2	0	0	0	0	200															
N	-	V	5	4	0	0	0	0	200															
C	-	V	5	4						0	0	0	0	200										
D	-	V	5	4						0	0	0	0	200										
E	-	V	5	4						0	0	0	0	200										
F	-	V	5	4						0	0	0	0	200										
I	pvs	V	5	4						0	0	0	0	200										
MWIR	-	V	2	2						0	0	0	0	200										
N	-	V	5	4						0	0	0	0	200										
C	-	V	5	4											0	0	0	0	200					
D	-	V	5	4											0	0	0	0	200					
E	-	V	5	4											0	0	0	0	200					
F	-	V	5	4											0	0	0	0	200					
I	pvs	V	5	4											0	0	0	0	200					
MWIR	-	V	2	2											0	0	0	0	200					
N	-	V	5	4											0	0	0	0	200					
C	-	V	5	4																0	0	0	0	200
D	-	V	5	4																0	0	0	0	200
E	-	V	5	4																0	0	0	0	200
F	-	V	5	4																0	0	0	0	200
I	pvs	V	5	4																0	0	0	0	200
MWIR	-	V	2	2																0	0	0	0	200
N	-	V	5	4																0	0	0	0	200

Footnotes 2019/20

[C](#), [D](#), [E](#), [F](#), [I](#), [MWIR](#), [N](#): The course starts only after agreement with the department. The course is not linked to any specific study period. The information on hours depends on the course running over a

study period. Individual study plans are to be set up and approved.

2018/19

Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	18/19 sp1					18/19 sp2					18/19 sp3					18/19 sp4				
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
C	-	V	5	4	0	0	0	0	200															
D	-	V	5	4	0	0	0	0	200															
E	-	V	5	4	0	0	0	0	200															
F	-	V	5	4	0	0	0	0	200															
I	-	V	4	4	0	0	0	0	200															
I	pvs	V	5	4	0	0	0	0	200															
MWIR	-	V	2	2	0	0	0	0	200															
N	-	V	5	4	0	0	0	0	200															
C	-	V	5	4						0	0	0	0	200										
D	-	V	5	4						0	0	0	0	200										
E	-	V	5	4						0	0	0	0	200										
F	-	V	5	4						0	0	0	0	200										
I	-	V	4	4						0	0	0	0	200										
I	pvs	V	5	4						0	0	0	0	200										
MWIR	-	V	2	2						0	0	0	0	200										
N	-	V	5	4						0	0	0	0	200										
C	-	V	5	4											0	0	0	0	200					
D	-	V	5	4											0	0	0	0	200					
E	-	V	5	4											0	0	0	0	200					
F	-	V	5	4											0	0	0	0	200					
I	-	V	4	4											0	0	0	0	200					
I	pvs	V	5	4											0	0	0	0	200					
MWIR	-	V	2	2											0	0	0	0	200					
N	-	V	5	4											0	0	0	0	200					
C	-	V	5	4																0	0	0	0	200
D	-	V	5	4																0	0	0	0	200
E	-	V	5	4																0	0	0	0	200
F	-	V	5	4																0	0	0	0	200
I	-	V	4	4																0	0	0	0	200
I	pvs	V	5	4																0	0	0	0	200
MWIR	-	V	2	2																0	0	0	0	200

Mandatory / Elective

Programme	Specialisation	Mandatory / Elective	Included in Study Year	Allowed from Study Year	18/19 sp1					18/19 sp2					18/19 sp3					18/19 sp4				
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
N	-	V	5	4																0	0	0	0	200

Footnotes 2018/19

[C](#), [D](#), [E](#), [F](#), [I](#), [MWIR](#), [N](#), [Pi](#): The course starts only after agreement with the department. The course is not linked to any specific study period. The information on hours depends on the course running over a study period. Individual study plans are to be set up and approved.

2017/18

Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	17/18 sp1					17/18 sp2					17/18 sp3					17/18 sp4				
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
<u>C</u>	-	V	<u>5</u>	4	0	0	0	0	200															
<u>D</u>	-	V	<u>5</u>	4	0	0	0	0	200															
<u>E</u>	-	V	<u>5</u>	4	0	0	0	0	200															
<u>F</u>	-	V	<u>5</u>	4	0	0	0	0	200															
<u>I</u>	-	V	<u>4</u>	4	0	0	0	0	200															
<u>I</u>	pvs	V	<u>5</u>	4	0	0	0	0	200															
<u>MWIR</u>	-	V	<u>2</u>	2	0	0	0	0	200															
<u>N</u>	-	V	<u>5</u>	4	0	0	0	0	200															
<u>Pi</u>	-	V	<u>5</u>	4	0	0	0	0	200															
<u>C</u>	-	V	<u>5</u>	4						0	0	0	0	200										
<u>D</u>	-	V	<u>5</u>	4						0	0	0	0	200										
<u>E</u>	-	V	<u>5</u>	4						0	0	0	0	200										
<u>F</u>	-	V	<u>5</u>	4						0	0	0	0	200										
<u>I</u>	-	V	<u>4</u>	4						0	0	0	0	200										
<u>I</u>	pvs	V	<u>5</u>	4						0	0	0	0	200										
<u>MWIR</u>	-	V	<u>2</u>	2						0	0	0	0	200										
<u>N</u>	-	V	<u>5</u>	4						0	0	0	0	200										
<u>Pi</u>	-	V	<u>5</u>	4						0	0	0	0	200										
<u>C</u>	-	V	<u>5</u>	4											0	0	0	0	200					
<u>D</u>	-	V	<u>5</u>	4											0	0	0	0	200					
<u>E</u>	-	V	<u>5</u>	4											0	0	0	0	200					
<u>F</u>	-	V	<u>5</u>	4											0	0	0	0	200					
<u>I</u>	-	V	<u>4</u>	4											0	0	0	0	200					
<u>I</u>	pvs	V	<u>5</u>	4											0	0	0	0	200					
<u>MWIR</u>	-	V	<u>2</u>	2											0	0	0	0	200					
<u>N</u>	-	V	<u>5</u>	4											0	0	0	0	200					
<u>Pi</u>	-	V	<u>5</u>	4											0	0	0	0	200					
<u>C</u>	-	V	<u>5</u>	4																0	0	0	0	200
<u>D</u>	-	V	<u>5</u>	4																0	0	0	0	200
<u>E</u>	-	V	<u>5</u>	4																0	0	0	0	200
<u>F</u>	-	V	<u>5</u>	4																0	0	0	0	200

Mandatory / Elective

Programme	Specialisation	Included in Study Year	Allowed from Study Year	17/18					17/18					17/18					17/18					
				sp1	sp2	sp3	sp4																	
				F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	
I	-	V	4	4																0	0	0	0	200
I	pvs	V	5	4																0	0	0	0	200
MWIR	-	V	2	2																0	0	0	0	200
N	-	V	5	4																0	0	0	0	200
Pi	-	V	5	4																0	0	0	0	200

Footnotes 2017/18

[C](#), [D](#), [E](#), [F](#), [I](#), [MWIR](#), [N](#), [Pi](#): The course starts only after agreement with the department. The course is not linked to any specific study period. The information on hours depends on the course running over a study period. Individual study plans are to be set up and approved.

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	F	O	L	H	S
C	-	V	5	4	0	0	0	0	200															
D	-	V	5	4	0	0	0	0	200															
E	-	V	5	4	0	0	0	0	200															
F	-	V	5	4	0	0	0	0	200															
I	-	V	4	4	0	0	0	0	200															
I	pvs	V	5	4	0	0	0	0	200															
MWIR	-	V	2	2	0	0	0	0	200															
N	-	V	5	4	0	0	0	0	200															
Pi	-	V	5	4	0	0	0	0	200															
C	-	V	5	4						0	0	0	0	200										
D	-	V	5	4						0	0	0	0	200										
E	-	V	5	4						0	0	0	0	200										
F	-	V	5	4						0	0	0	0	200										
I	-	V	4	4						0	0	0	0	200										
I	pvs	V	5	4						0	0	0	0	200										
MWIR	-	V	2	2						0	0	0	0	200										
N	-	V	5	4						0	0	0	0	200										
Pi	-	V	5	4						0	0	0	0	200										
C	-	V	5	4										0	0	0	0	200						
D	-	V	5	4										0	0	0	0	200						
E	-	V	5	4										0	0	0	0	200						
F	-	V	5	4										0	0	0	0	200						
I	-	V	4	4										0	0	0	0	200						
I	pvs	V	5	4										0	0	0	0	200						
MWIR	-	V	2	2										0	0	0	0	200						
N	-	V	5	4										0	0	0	0	200						
Pi	-	V	5	4										0	0	0	0	200						
C	-	V	5	4														0	0	0	0	200		
D	-	V	5	4														0	0	0	0	200		
E	-	V	5	4														0	0	0	0	200		
F	-	V	5	4														0	0	0	0	200		

Mandatory / Elective

Programme	Specialisation	Included in Study Year	Allowed from Study Year	16/17					16/17					16/17					16/17					
				sp1	sp2	sp3	sp4																	
				F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	
I	-	V	4	4																0	0	0	0	200
I	pvs	V	5	4																0	0	0	0	200
MWIR	-	V	2	2																0	0	0	0	200
N	-	V	5	4																0	0	0	0	200
Pi	-	V	5	4																0	0	0	0	200

Footnotes 2016/17

[C](#), [D](#), [E](#), [F](#), [I](#), [MWIR](#), [N](#), [Pi](#): The course starts only after agreement with the department. The course is not linked to any specific study period. The information on hours depends on the course running over a study period. Individual study plans are to be set up and approved.

2015/16

Mandatory / Elective

Programme	Specialisation	Included in Study Year	Allowed from Study Year	15/16					15/16					15/16					15/16					
				sp1	sp2	sp3	sp4																	
				F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	
I	-	V	4	4																0	0	0	0	200
I	pvs	V	5	4																0	0	0	0	200
MWIR	-	V	2	2																0	0	0	0	200
N	-	V	5	4																0	0	0	0	200
Pi	-	V	5	4																0	0	0	0	200

Footnotes 2015/16

[C](#), [D](#), [E](#), [F](#), [I](#), [MWIR](#), [N](#), [Pi](#): The course starts only after agreement with the department. The course is not linked to any specific study period. The information on hours depends on the course running over a study period. Individual study plans are to be set up and approved.

2014/15

Mandatory / Elective

Programme	Specialisation	Included in Study Year	Allowed from Study Year	14/15					14/15					14/15					14/15					
				sp1	sp2	sp3	sp4																	
				F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	
I	-	V	4	4																0	0	0	0	200
I	pvs	V	5	4																0	0	0	0	200
MWIR	-	V	2	2																0	0	0	0	200
N	-	V	5	4																0	0	0	0	200
Pi	-	V	5	4																0	0	0	0	200

Footnotes 2014/15

[C](#), [D](#), [E](#), [F](#), [I](#), [MWIR](#), [N](#), [Pi](#): The course starts only after agreement with the department. The course is not linked to any specific study period. The information on hours depends on the course running over a study period. Individual study plans are to be set up and approved.

2013/14

Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	13/14 sp1					13/14 sp2					13/14 sp3					13/14 sp4						
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S		
C	-	V	5	4	0	0	0	0	200																	
D	-	V	5	4	0	0	0	0	200																	
E	-	V	5	4	0	0	0	0	200																	
F	-	V	5	4	0	0	0	0	200																	
I	-	V	4	4	0	0	0	0	200																	
I	pvs	V	5	4	0	0	0	0	200																	
MWIR	-	V	2	2	0	0	0	0	200																	
N	-	V	5	4	0	0	0	0	200																	
Pi	-	V	5	4	0	0	0	0	200																	
C	-	V	5	4						0	0	0	0	200												
D	-	V	5	4						0	0	0	0	200												
E	-	V	5	4						0	0	0	0	200												
F	-	V	5	4						0	0	0	0	200												
I	-	V	4	4						0	0	0	0	200												
I	pvs	V	5	4						0	0	0	0	200												
MWIR	-	V	2	2						0	0	0	0	200												
N	-	V	5	4						0	0	0	0	200												
Pi	-	V	5	4						0	0	0	0	200												
C	-	V	5	4											0	0	0	0	200							
D	-	V	5	4											0	0	0	0	200							
E	-	V	5	4											0	0	0	0	200							
F	-	V	5	4											0	0	0	0	200							
I	-	V	4	4											0	0	0	0	200							
I	pvs	V	5	4											0	0	0	0	200							
MWIR	-	V	2	2											0	0	0	0	200							
N	-	V	5	4											0	0	0	0	200							
Pi	-	V	5	4											0	0	0	0	200							
C	-	V	5	4																0	0	0	0	200		
D	-	V	5	4																0	0	0	0	200		
E	-	V	5	4																0	0	0	0	200		
F	-	V	5	4																0	0	0	0	200		

Mandatory / Elective

Programme	Specialisation	Included in Study Year	Allowed from Study Year	13/14					13/14					13/14					13/14								
				sp1					sp2					sp3					sp4								
				F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S				
I	-	V	4	4																			0	0	0	0	200
I	pvs	V	5	4																			0	0	0	0	200
MWIR	-	V	2	2																			0	0	0	0	200
N	-	V	5	4																			0	0	0	0	200
Pi	-	V	5	4																			0	0	0	0	200

Footnotes 2013/14

[C](#), [D](#), [E](#), [F](#), [I](#), [MFOT](#), [MWIR](#), [N](#), [Pi](#): The course starts only after agreement with the department. The course is not linked to any specific study period. The information on hours depends on the course running over a study period. Individual study plans are to be set up and approved.

[MNAV](#): The course starts only after agreement with the department. Kursen är inte knuten till någon specifik läsperiod. Uppgifterna om timmar förutsätter att kursen går över en läsperiod. Individuell studieplan ska upprättas och godkännas.

2012/13

Mandatory / Elective

Programme	Specialisation		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
C	-	V	5	4	0	0	0	0	200															
D	-	V	5	4	0	0	0	0	200															
E	-	V	5	4	0	0	0	0	200															
F	-	V	5	4	0	0	0	0	200															
I	-	V	4	4	0	0	0	0	200															
I	pvs	V	5	4	0	0	0	0	200															
MFOT	-	V	1	1	0	0	0	0	200															
MNAV	-	V	1	1	0	0	0	0	200															
MWIR	-	V	2	2	0	0	0	0	200															
N	-	V	5	4	0	0	0	0	200															
Pi	-	V	5	4	0	0	0	0	200															
C	-	V	5	4						0	0	0	0	200										
D	-	V	5	4						0	0	0	0	200										
E	-	V	5	4						0	0	0	0	200										
F	-	V	5	4						0	0	0	0	200										
I	-	V	4	4						0	0	0	0	200										
I	pvs	V	5	4						0	0	0	0	200										
MFOT	-	V	1	1						0	0	0	0	200										
MNAV	-	V	1	1						0	0	0	0	200										
MWIR	-	V	2	2						0	0	0	0	200										
N	-	V	5	4						0	0	0	0	200										
Pi	-	V	5	4						0	0	0	0	200										
C	-	V	5	4											0	0	0	0	200					
D	-	V	5	4											0	0	0	0	200					
E	-	V	5	4											0	0	0	0	200					
F	-	V	5	4											0	0	0	0	200					
I	-	V	4	4											0	0	0	0	200					
I	pvs	V	5	4											0	0	0	0	200					
MFOT	-	V	1	1											0	0	0	0	200					
MNAV	-	V	1	1											0	0	0	0	200					
MWIR	-	V	2	2											0	0	0	0	200					

Mandatory / Elective

Programme	Specialisation	Included in Study Year	Allowed from Study Year	12/13					12/13					12/13					12/13										
				sp1					sp2					sp3					sp4										
				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	
N	-	V	5	4											0	0	0	0	200										
Pi	-	V	5	4											0	0	0	0	200										
C	-	V	5	4																0	0	0	0	200					
D	-	V	5	4																0	0	0	0	200					
E	-	V	5	4																0	0	0	0	200					
F	-	V	5	4																0	0	0	0	200					
I	-	V	4	4																0	0	0	0	200					
I	pvs	V	5	4																0	0	0	0	200					
MFOT	-	V	1	1																0	0	0	0	200					
MNAV	-	V	1	1																0	0	0	0	200					
MWIR	-	V	2	2																0	0	0	0	200					
N	-	V	5	4																0	0	0	0	200					
Pi	-	V	5	4																0	0	0	0	200					

Footnotes 2012/13

[C](#), [D](#), [E](#), [F](#), [I](#), [MFOT](#), [MNAV](#), [MSOC](#), [MWIR](#), [N](#), [Pi](#): *The course starts only after agreement with the department.*

2011/12

Mandatory / Elective

Programme	Specialisation		Included in Study Year	Allowed from Study Year	11/12 sp1					11/12 sp2					11/12 sp3					11/12 sp4				
					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
C	-	V	5	4	0	0	0	0	200															
D	-	V	5	4	0	0	0	0	200															
E	-	V	5	4	0	0	0	0	200															
F	-	V	5	4	0	0	0	0	200															
I	-	V	4	4	0	0	0	0	200															
I	pvs	V	5	4	0	0	0	0	200															
MFOT	-	V	1	1	0	0	0	0	200															
MNAV	-	V	1	1	0	0	0	0	200															
MSOC	-	V	1	1	0	0	0	0	200															
MWIR	-	V	2	2	0	0	0	0	200															
N	-	V	5	4	0	0	0	0	200															
Pi	-	V	5	4	0	0	0	0	200															
C	-	V	5	4						0	0	0	0	200										
D	-	V	5	4						0	0	0	0	200										
E	-	V	5	4						0	0	0	0	200										
F	-	V	5	4						0	0	0	0	200										
I	-	V	4	4						0	0	0	0	200										
I	pvs	V	5	4						0	0	0	0	200										
MFOT	-	V	1	1						0	0	0	0	200										
MNAV	-	V	1	1						0	0	0	0	200										
MSOC	-	V	1	1						0	0	0	0	200										
MWIR	-	V	2	2						0	0	0	0	200										
N	-	V	5	4						0	0	0	0	200										
Pi	-	V	5	4						0	0	0	0	200										
C	-	V	5	4											0	0	0	0	200					
D	-	V	5	4											0	0	0	0	200					
E	-	V	5	4											0	0	0	0	200					
F	-	V	5	4											0	0	0	0	200					
I	-	V	4	4											0	0	0	0	200					
I	pvs	V	5	4											0	0	0	0	200					
MFOT	-	V	1	1											0	0	0	0	200					

Mandatory / Elective

Programme	Specialisation	Included in Study Year	Allowed from Study Year	11/12 sp1					11/12 sp2					11/12 sp3					11/12 sp4					
				F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	
MNAV	-	V	1	1											0	0	0	0	200					
MSOC	-	V	1	1											0	0	0	0	200					
MWIR	-	V	2	2											0	0	0	0	200					
N	-	V	5	4											0	0	0	0	200					
Pi	-	V	5	4											0	0	0	0	200					
C	-	V	5	4																0	0	0	0	200
D	-	V	5	4																0	0	0	0	200
E	-	V	5	4																0	0	0	0	200
F	-	V	5	4																0	0	0	0	200
I	-	V	4	4																0	0	0	0	200
I	pvs	V	5	4																0	0	0	0	200
MFOT	-	V	1	1																0	0	0	0	200
MNAV	-	V	1	1																0	0	0	0	200
MSOC	-	V	1	1																0	0	0	0	200
MWIR	-	V	2	2																0	0	0	0	200
N	-	V	5	4																0	0	0	0	200
Pi	-	V	5	4																0	0	0	0	200

Footnotes 2011/12

[C](#), [D](#): Kursstart endast enligt överenskommelse med institutionen.

[E](#), [E](#), [I](#), [MFOT](#), [MNAV](#), [MSOC](#), [MWIR](#), [N](#), [Pi](#): Kursstart endast enligt överenskommelse med institutionen. The course starts only after agreement with the department.

2010/11

The course was not offered this academic year.

2009/10

The course was not offered this academic year.

2008/09

The course was not offered this academic year.

2007/08

The course was not offered this academic year.