Official Transcript of Records

Print date
2022-09-20

Name	Personal identity number
Matheus Vieira Bernat	19981007-4493

Completed courses

Name	Scope	Grade	Date	Note
Linear Algebra	8.0 hp	5	2017-05-29	1
Grading table: 5 - 6.5% (4), 4 - 8.1% (5), 3 - 85.5% (53)				
Discrete Mathematics	8.0 hp	5	2017-05-31	1
Grading table: 5 - 20.9% (19), 4 - 29.7% (27), 3 - 49.5% (45)				
Functional and Imperative Programming, Part 1	6.0 hp	G	2017-11-14	2
Introductory Course in Calculus	6.0 hp	5	2017-12-11	1
Grading table: 5 - 36.2% (148), 4 - 32.8% (134), 3 - 31.1% (127)				
Professionalism for Engineers, part 1	1.0 hp	5	2017-12-21	1
Grading table: 5 - 73.1% (465), 4 - 14.3% (91), 3 - 12.6% (80)				
Functional and Imperative Programming, Part 2	5.0 hp	5	2018-01-14	1
Perspectives to Computer and Software Technology	6.0 hp	G	2018-01-23	2
Calculus in One Variable 1	6.0 hp	4	2018-03-15	1
Grading table: 5 - 7.0% (554), 4 - 28.5% (2268), 3 - 64.6% (5149)				
Computer Hardware and Architecture	4.0 hp	G	2018-05-18	2
Grading table: G - 100.0% (510)				
Calculus in One Variable 2	6.0 hp	4	2018-06-02	1
Grading table: 5 - 5.1% (373), 4 - 30.2% (2218), 3 - 64.7% (4755)				
Professionalism for Engineers, part 4	1.0 hp	5	2018-06-11	1
Grading table: 5 - 71.6% (340), 4 - 20.2% (96), 3 - 8.2% (39)				
Object Oriented Programming and Java	7.0 hp	5	2018-06-20	1
Switching Theory and Logical Design	6.0 hp	4	2018-07-02	1
Grading table: 5 - 13.3% (118), 4 - 34.4% (304), 3 - 52.3% (462)				
Electronics	5.0 hp	5	2018-10-31	1
Grading table: 5 - 6.6% (7), 4 - 23.6% (25), 3 - 69.8% (74)				
Professionalism for Engineers, part 3	1.0 hp	5	2019-01-17	1
Grading table: 5 - 72.5% (372), 4 - 22.2% (114), 3 - 5.3% (27)				
Engineering Mechanics	5.0 hp	5	2019-01-25	1
Multivariable Calculus	4.0 hp	4	2019-03-21	1
Grading table: 5 - 9.8% (37), 4 - 19.3% (73), 3 - 70.9% (268)				
Concurrent Programming and Operating Systems	6.0 hp	4	2019-04-04	3
Grading table: 5 - 21.5% (274), VG - 0.3% (4), 4 - 32.6% (416), 3 - 44.5% (568), G - 1.2% (15)				
Probability and Statistics, First Course	6.0 hp	5	2019-05-27	1

Name	Scope	Grade	Date	Note
Physics *Grading table: 5 - 10.6% (24), 4 - 27.8% (63), 3 - 61.7% (140)*	5.0 hp	5	2019-06-04	1
Computer Hardware and Architecture *Grading table: G - 100.0% (493)*	8.0 hp	G	2019-06-19	2
Professionalism for Engineers, part 6 *Grading table: 5 - 76.2% (478), 4 - 18.5% (116), 3 - 5.3% (33)*	1.0 hp	5	2019-06-25	1
Combinatorial Optimization, Introductory Course *Grading table: 5 - 21.6% (149), 4 - 36.7% (253), 3 - 41.7% (287)*	4.0 hp	4	2019-11-04	1
Software Engineering Theory *Grading table: 5 - 16.5% (182), 4 - 34.1% (377), 3 - 49.4% (546)*	4.0 hp	5	2019-11-28	1
Microcomputer, Project Laboratory *Grading table: G - 100.0% (1037)*	8.0 hp	G	2019-12-20	2
Logic *Grading table: 5 - 24.0% (79), 4 - 42.6% (140), 3 - 33.4% (110)*	5.0 hp	5	2020-01-14	1
Professionalism for Engineers, part 5 *Grading table: 5 - 74.8% (363), 4 - 19.0% (92), 3 - 6.2% (30)*	1.0 hp	5	2020-01-15	1
Signals and Systems, and Transform Theory *Grading table: 5 - 6.2% (20), 4 - 24.5% (79), 3 - 69.3% (223)*	8.0 hp	5	2020-01-17	1
Data Structures, Algorithms and Programming Paradigms *Grading table: 5 - 20.0% (112), 4 - 29.2% (163), 3 - 50.8% (284)*	11.0 hp	5	2020-03-17	1
Automatic Control *Grading table: 5 - 12.0% (879), 4 - 37.8% (2775), 3 - 50.3% (3693)*	6.0 hp	4	2020-04-06	1
Interactive Systems *Grading table: 5 - 4.9% (25), 4 - 6.4% (33), 3 - 88.7% (457)*	4.0 hp	4	2020-04-15	1
Signals, Information and Communication *Grading table: 5 - 6.2% (50), 4 - 22.3% (181), 3 - 71.5% (580)*	4.0 hp	3	2020-06-17	1
Professionalism for Engineers, part 2 *Grading table: 5 - 74.0% (532), 4 - 11.8% (85), 3 - 14.2% (102)*	1.0 hp	5	2020-06-24	1
Software Engineering - Bachelor Project *Grading table: G - 100.0% (423)*	15.0 hp	G	2020-06-29	2
Artificial Intelligence *Grading table: 5 - 9.6% (152), 4 - 31.8% (506), 3 - 58.6% (933)*	6.0 hp	4	2020-11-10	1
Autonomous Vehicles - Planning, Control, and Learning Systems	6.0 hp	5	2020-12-20	1
Multidimensional Signal Analysis *Grading table: 5 - 20.4% (64), 4 - 32.3% (101), 3 - 47.3% (148)*	6.0 hp	5	2021-01-12	1
Digital Signal Processing *Grading table: 5 - 11.7% (156), 4 - 26.7% (356), 3 - 61.6% (821)*	6.0 hp	3	2021-01-14	1
Probability Theory and Bayesian Networks *Grading table: 5 - 38.9% (42), VG - 0.0% (0), 4 - 32.4% (35), 3 - 28.7% (31), G - 0.0% (0)*	6.0 hp	4	2021-03-16	3
Neural Networks and Learning Systems *Grading table: 5 - 15.9% (137), 4 - 36.5% (315), 3 - 47.7% (412)*	6.0 hp	4	2021-04-13	1
Linear Algebra, Honours Course *Grading table: 5 - 40.8% (148), 4 - 31.7% (115), 3 - 27.5% (100)*	6.0 hp	5	2021-05-12	1
Computer Vision *Grading table: 5 - 11.4% (20), 4 - 72.7% (128), 3 - 15.9% (28)*	12.0 hp	5	2021-06-01	1

Name	Scope	Grade	Date	Note
Sensor Fusion	6.0 hp	3	2021-08-18	1
Grading table: 5 - 14.1% (58), 4 - 29.8% (122), 3 - 56.1% (230)				
Scientific Method	6.0 hp	G	2022-02-22	2
Grading table: G - 100.0% (841)				

Summation

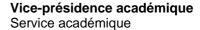| Total	included credited parts	Credited education	
248.0 hp			

Notes and information

60 credits (hp) represent a full academic year. The system is compatible with ECTS credits (the European Credit Transfer System) as one credit is equal to one ECTS credit.

A grading table is shown for courses where the same grading scale has been used during at least two years. The distribution of students for each grade is shown in percentage. The actual number of students is shown within the parenthesis.

1. Grading scale: Pass with distinction (5), Pass with credit (4), Pass (3), Fail (U), Fail (1)
2. Grading scale: Pass (G), Fail (U), Fail (1)
3. Grading scale: Pass with distinction (5), Pass with distinction (VG), Pass with credit (4), Pass (3), Pass (G), Fail (U), Fail (1), Pass (2)

The above is an excerpt from the student registry.

Check the certificate on: https://www.student.ladok.se/verifiera/
Verifiable until: 2022-12-19

Personal identity number: 19981007-4493
Control code: K0L90NI0M9

Postal address
Linköping University
581 83 Linköping

Contact information
https://www.liu.se/en

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Vice-présidence académique
Service académique

Relevé des résultats (15.08.2022) pour / Statement of results (15.08.2022) for

Vieira Bernat Matheus

Exchange study plan
Section :Informatique
Section:Computer Science
Matricule fédéral : --
Federal number

Matières	Forme *Forms*	Langue enseign. *Teaching Language*	Session	Note ou (moyenne) *Grade or (average)*	Crédits ou (Coeff) *Credits or (Coeff)*	Crédits obtenus *Obtained credits*
Plan Echange						
Exchange study plan						
Applied data analysis	E	EN	02.2022	5.25	6	6
Computer networks	E	EN	02.2022	4.25	5	5
Computers and music	PS	EN	07.2022	5.5	4	4
Enterprise and service-oriented architecture	O	EN	07.2022	6	6	6
Image processing I	E	EN	02.2022	5	3	3
Projet spécifique pour étudiant d'échange/visiteur *Specific project for exchange/visiting student*	PS	FR_EN	07.2022	6	12	12
Statistics for data science	E	EN	02.2022	3.5	6	0
Visual intelligence : machines and minds	PS	EN	02.2022	5.25	5	5

Remarques :
- Il se peut que des crédits et des moyennes ne soient pas calculés en fonction de la date d'impression du relevé de notes.
- Les notes et décisions sont masquées durant la période des examens. Les notes redeviennent visibles à la fin de la session d'examens
  et sont définitivement confirmées durant la Conférence des Examens, suite à laquelle les décisions apparaitront.
- Seul le bulletin original imprimé sur du papier blanc avec un filigrane central et signé par le Vice-Président pour les Affaires Académiques fournit les résultats définitifs.
- Formes d'examens : E=écrit, O=oral, PS=pendant le semestre, EO=écrit & oral, MULTI=multiple, M=mémoire, EX=exposé, TP=rapport de TP, ECH=hors plans
- Les branches sont notées de 1 à 6, la meilleure note étant 6. Une note en dessous de 4 sanctionne une prestation insuffisante. Les 1/4 de points sont admis. Lorsque la note de la branche est inférieure à 1 ou pour absence non justifiée, la branche est considérée comme non acquise et notée NA. La lettre D correspond à la dispense d'une épreuve. Les lettres R ou E correspondent à la réussite ou à l'échec d'une branche pour laquelle un résultat n'est pas fourni. Un M correspond à une absence justifiée.

Remarks:
- *It is possible that some credits and averages have not been calculated at the time this statement was printed.*
- *Marks of an exam session remain hidden until the end of the session and official decisions will only appear once the Conference*
  for ratification of examination results has taken place and confirmed all results.
- *Only the original mark sheet printed on white paper with central pale pink impression and signed by the Vice-President for Academic Affairs, is considered as the final result.*
- *Examination forms : E=written, O=oral, PS=during the semester, EO=written & oral, MULTI=multiple, M=term paper, EX=oral presentation, TP=project report, ECH=out of study plan*
- *Subjects are graded from 1 to 6, 6 being the highest grade. A grade below 4 indicates a fail. Quarter points are allowed. When the grade for a subject is below 1 or in case of non-attendance without valid justification, the subject is considered not acquired and graded NA. Letter D indicates an exemption ("dispense"). Letters R and E indicate a pass (R for "réussite") or fail (E for "échec") for subjects for which no grade is provided. M indicates non-attendance with valid justification.*

■ École polytechnique fédérale de Lausanne

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Voir les remarques présentes à la fin du relevé / *Please read the remarks at the end of this statements of results*

Suisse, Lausanne, le 15 août 2022 / *Switzerland, Lausanne, 15th august 2022*