

Course number	Course	Books
T-201-GSKI	Gagnaskipan	Michael T. Goodrich Roberto Tamassia Michael H Goldwasser Data Structures & Algorithms in Python Wiley, 1st edition, 2013 (ódyrari í paperback: Reprint edition (October 19, 2016))
T-202-GAG1	Gagnasafnsfræði / Databases	Ramakrishnan & Gehrke. Database Management Systems
T-213-VEFF	Vefforritun	Semmy Purewal, Learning Web App Development: Build Quickly with Proven JavaScript Techniques, O'Reilly Media, ISBN-10 9781449370190
T-233-SRAD	Kerfisgreining og kerfishönnun	UML Distilled: A Brief Guide to the Standard Object Modeling Language (3rd Edition) Höfundur: Martin Fowler ISBN-13: 978-0321193681 ISBN-10: 9780321193681
T-418-UPSS	Uppl. og samskiptatækni í skólakerfinu	A New Culture of Learning. Cultivating the Imagination for a World of Constant Change, (aðalþó) Höfundur: D. Thomas og J. S. Brown Útgefandi: Útgáfa: Útgáfuár: 2011 ISBN númer: 9781456458881
T-419-STR2	Strjál stærðfræði II	Discrete mathematics and Its Applications, (aðalþó) Höfundur: Kenneth H. Rosen Útgefandi: McGraw-Hill Útgáfa: Seventh Edition (Global Edition) Útgáfuár: 2013 Sama og í Strjálu I á haustönn.
T-419-CADP	Samhliða og dreifð forritun	Principles of Concurrent and Distributed Programming, 2/E M. Ben-Ari Addison-Wesley Second Edition 2005 9780321312839 Go in Practice (aðalþó) Matt Butcher and Matt Farina Manning Publications 2016 9781633430075
T-427-WEPO	Vefforritun II	JavaScript: The Definitive Guide Höfundur: David Flanagan Útgefandi: O'Reilly Útgáfuár: 2011 ISBN númer: 978-0596805524 Fullstack React Höfundur: Anthony Accamazzo, og fl. Útgefandi: Fullstack.io Útgáfuár: N/A ISBN númer: N/A Athugasemd: Netbók sem er í stöðugri uppfærslu. Nemendur kaupa sér leyfi í eitt ár til þess að nota bókina og fá nýjustu uppfærslur.
T-445-STYR	Stýrikerfi	Computer Systems: A Programmer's Perspective, (aðalþó) Höfundur: Randal E. Bryant and David R. O'Hallaron Útgefandi: Pearson Útgáfa: 3rd edition Útgáfuár: 2015 ISBN númer: 1292101768

		Peter Sestoft. Programming language concepts, 2nd ed., Springer, 2017. ISBN 978-3-319-60788-7 (print, softcover), 978-3-319-60789-4 (eBook)
T-501-FMAL	Forritunarmál	Michael R. Hanson. Functional programming using F#. Cambridge Univ Press, 2013. ISBN 9781107684065 (print, softcover), 978-1-139-09399-6 (eBook) - additional, can be helpful for the F# part of the course
T-622-ARTI	Gervigreind	Artificial Intelligence: A Modern Approach, (aðalþók) Höfundur: Stuart Russell and Peter Norvig Útgefandi: Pearson Útgáfa: 4 Útgáfuár: 2021 ISBN númer: 987-0-13-207148-2
T-631-SOE2	Hugbúnaðarfræði II-Prófanir	Introduction to Software Testing 2nd Edition, (aðalþók) Höfundur: Paul Ammann, Jeff Offutt Útgefandi: Cambridge University Press Útgáfa: 1 Útgáfuár: 2016 ISBN númer: 9781107172012
T-637-GEDE	Högun leikjavéla	Game Engine Architecture, Third Edition, (aðalþók) Höfundur: Jason Gregory Útgefandi: A K Peters/CRC Press Útgáfa: 3 Útgáfuár: 2018 ISBN númer: 978-1138035454
T-707-MOVE	Modeling and Verification	Reactive Systems: Modelling, Specification and Verification, (aðalþók) Höfundur: L. Aceto, A. Ingólfssdóttir, Kim G. Larsen and J. Srba Útgefandi: Cambridge University Press Útgáfa: Útgáfuár: 2007 ISBN númer: ISBN-13: 97805218754
I-707-VGBI	Viðskiptagreind	Business Intelligence: A Managerial Approach, Global Edition Höfundur: Ramesh Sharda, Dursun Delen, Efraim Turban Útgefandi: Pearson Education Ltd. Útgáfa: Útgáfa 4 Útgáfuár: 2018 ISBN númer: 978-1-292-22054-3
T-498-GAGR	Gagnagreining	Title: Practical Statistics for Data Scientists: 50+ Essential Concepts Using R and Python 2nd Edition By: Peter Bruce, Andrew Bruce, Peter Gedeck Publisher: O'Reilly Media; 2nd edition (2020) Paperback: 368 pages Pages: 354 ISBN-10 : 149207294X
T-201-LINC	Línuleg algebra með tölvunarfræði	Coding the Matrix: Linear Algebra through Applications to Computer Science by Klein, Philip N
T-403-FORC	Forritun í c++	
T-219-REMO	Rauntímalíkon	
T-414-AFLV	Árangursrík forritun og lausn verkefna	
T-431-HANE	Hagnýt netkerfi	
T-445-GRTH	Netafræði	Graph Theory: Modeling, Applications, and Algorithms. Agnarsson and Greenlaw. Pearson 2007
T-505-ROKF	Rökfræði í tölvunarfræði	
T-533-VIHU	Viðhald hugbúnaðar	
T-634-AGDD	Advanced game design and development	
T-701-REM4	Aðferðafræði rannsókna	
T-717-SPST	Talgerving	
T-742-CSDA	Computer Security: Defense Against the Dark Arts	
T-743-PLSA	Semantics with Applications	H. Riis Nielson, F. Nielson. Semantics with applications: an appetizer. Springer, 2007. (Undergraduate texts in computer science.) ISBN 978-1846286919
T-754-SPLP	Spoken Language Processing	
T-764-DATA	Big Data Management	Modeling, Applications, and Algorithms: preparing, sharing, and analyzing complex information. Second Edition, by Jules J. Berman, published by Academic Press (Elsevier).