

Course	Books
ALG3 (Algorithmics 3) COMPSCI4009	Recommended Books: Algorithm Design: Foundations, Analysis and Internet Examples - M.T. Goodrich and R. Tamassia - Wiley - 1st - 2002 - 0-471-383651 - 2 Algorithmics: The Spirit of Computing - D Harel
Alg3 (SIT) (Algorithmics 3 (SIT))	
AP3 (Advanced Programming 3) COMPSCI4010	Required Books: The C Programming Language - Kernighan/Ritchie - Prentice Hall - 2nd - 0-13-110362-8 - 1
AP3 (SIT) (Advanced Programming 3 (SIT))	
DB3 (Database Systems 3) COMPSCI4013	Recommended Books: Database Systems: The Complete Book. H. Garcia-Molina, J.D. Ullman and J. Widom. Prentice Hall 2002, ISBN 0-13-031995-3 Elmasri
DB3 (SIT) (Database Systems 3 (SIT))	
IS3 (Interactive Systems 3) COMPSCI4014	Recommended Books: Interaction Design, Beyond Human-Computer Interaction - Preece, Rogers and Sharp - John Wiley and Son - 2nd - 2007 - 0-470-018666 - 1 Now You See It: Simple Visualization Techniques for Quantitative Analysis, Stephen Few, Analytics Press, 2009, ISBN-10: 0970601980
IS3 (SIT) (Interactive Systems 3 (SIT))	

NS3 (Network Systems 3) COMPSCI4012	Any good text on computer networks, e.g.: Peterson and Davie, Computer Networks: A Systems Approach, 5th Edition, Morgan Kaufman, 2011, ISBN 0123851386 Kurose and Ross, Computer Networking: A Top-Down Approach, 6th Edition, Addison-Wesley, 2012, ISBN 0273768964 Tanenbaum and Wetherall, Computer Networks, 5th Edition, Prentice Hall, 2010, ISBN 0132553171
NS3 (SIT) (Networked Systems 3 (SIT))	
OS3 (Operating Systems 3) COMPSCI4011	Required Books: Operating Systems Concepts - Siberschatz, Galvin and GagneWiley - 9th - 2012 - 978-1-118-06333-0 - 1 Recommended Books: one of the following ... Operating Systems: A Modern Perspective - Nutt - Addison Wesley - 2003 - 0-321-189558 - 3 Operating Systems: Internals
OS3 (SIT) (Operating Systems 3 (SIT))	
PL3 (Programming Languages 3) COMPSCI4016	Programming Language Design Concepts - Watt - Wiley - 1st - 2004 - 0-470-853204-2 - recommended - semester 1

COMPSCI4010	Programming Language Processors in Java - Watt
PL3 (SIT) (Programming Languages 3 (SIT))	
PSD3 (Professional Software Development 3) COMPSCI4015	Recommended Books: Software Engineering- Ian Sommerville - Pearson Education - 9th - 2010 - ISBN-10: 0137053460 or ISBN-13: 978-0137053469 - 2 Object Oriented Systems Analysis and Design Using UML - Simon Bennett, Steve McRobb and Ray Farmer - McGraw-Hill - 3rd - 2006 - ISBN-10: 0077110005 or ISBN-13:978-0077110000 - 2
PSD3 (SIT) (Professional Software Development 3 (SIT))	
BD(SIT) (Big Data)	
BD4 (Big Data 4) COMPSCI4064	Recommended Books: Hadoop: The definitive guide. Author: Tom White Publisher: O'Reilly Edition: 3rd edition Year: 2012 ISBN: 978-1-449-31152-0
CS(SIT) (Cyber Security)	
CS4 (Cyber Security 4) COMPSCI4062	Recommended Book: Security Engineering: Ross Anderson: 978-0-470-06852-6

DAS(SIT) (Distributed Algorithms & Systems)	
DAS4 (Distributed Algorithms & Systems 4) COMPSCI4019	Required Books: Distributed Systems: Concepts and Design - Coulouris, Dollimore, Kindberg and Blair - Addison Wesley - 5th - 2011 0-13-214301-1
HCI(SIT) (Human Computer Interaction)	
HCI4 (Human Computer Interaction 4) COMPSCI4023	Recommended Books: Designing the User Interface - Shneiderman, Ben., Catherine Plaisant, Maxine Cohen, Steven Jacobs - Addison-Wesley - 5th - 2009 - 0321537351 - 2
IR(SIT) (Information Retrieval)	
IR4 (Information Retrieval 4) COMPSCI4069	
MHCI4 (Mobile HCI 4) COMPSCI4068	
MMSA(SIT) (Multimedia Systems and Applications)	
MMSA4 (Multimedia Systems and Applications 4) COMPSCI4033	Recommended Books: Fundamentals of Multimedia - Li and Drew - Pearson Prentice Hall - 0-13-061872-1 - 2
MobHCI(SIT) (Mobile Human Computer Interaction)	

PSI3(SIT) (Professional Issues (SIT) Summer)	
PSI4 (Professional Issues 4) COMPSCI4038	Required Books: Professional Issues in Information Technology (2nd edn) - Frank Bott BCS 2014
SCS(SIT) (Safety Critical Systems)	
SCS4 (Safety Critical Systems 4) COMPSCI4045	None - papers and other references are included in the slides and case studies.