Computer Science in the ILC

Artificial Informatics Analysis Structures Design Medical
Parallel Object-Oriented Software
Multimedia Image Graphics
Programming PROLOG Processing Languages
System Computer Communications
Formal Operating Knowledge Data Databases Networks Intelligence C++ Organization
Architecture Systems Algorithms Internet
Engineering Methods HTML JAVA

resources guide

Computer Science in the ILC

This guide is intended to provide a basic introduction to **the key resources and services** available for Computer Science students and information on how to research and obtain material on their subject related areas of interest within the Library.

Research Tools: finding Information

Library Website

The Library website (http://www.citycollege.sheffield.eu/) includes detailed information about library collections and resources, services and facilities. It is the main **GATEWAY to all library information.**

Finding BOOKS

Online Library Catalogue: OpenABEKT

Always use **OpenABEKT Library Catalogue** (https://citylib.openabekt.gr/en) to find if a specific book is part of the print collections and where it is shelved Use the **"Simple Search"** option to type a keyword, title, author, etc or use the **"Advanced Search"** option to **combine** search terms (ex. title and author). Type your search term(s) in the appropriate box(s). Books on a similar topic are shelved at one place.

The following classification numbers are of particular interest to the Computer Science students:

Classification Codes	Subject Areas
001.4 & 808.06	Research Techniques
003	Information Systems
004.21	Systems Analysis & Design
004.22	Computer Architecture
004.6, 384, 621.382	Computer Networks
005.1 & 005.12	Software Engineering & Formal Methods
005.133	Computer Programming Languages
005.43	Operating Systems
005.7 & 005.73	Database Systems & Data structures
006.3	Artificial Intelligence & Expert Systems
006.6	Computer Graphics
302.35	Information Society
510 & 515	Discrete Mathematics & Calculus

610.285	Medical Informatics

The **New Arrivals** shelves, at the entrance of the library, host for a short period of time new library acquisitions before being placed in the Main Collection for loan.

You need your **StudentID card** to borrow items.

Types of Collections

Main Collection: contains all books available for loan. Material included in this collection may be borrowed, reserved, renewed or recalled if on loan.

Reserve Collection: includes current editions of items such as Textbooks and Recommended Readings found in the Reference/Recommended List of Unit Syllabi. These items are intended for use only within the ILC premises. In some cases previous editions of textbooks and references are available for loan at the Main Collection. Advise the library catalogue by typing the book title.

Short Loan Collection: includes items, which for a certain period of time are in-demand for class or group assignments and print material that support tutorials. These items are held at the Library Information Services Desk and can be used either for photocopying or for reading within the premises of the Library. Students must leave their ILCard with the library staff in order to use the items.

Finding DISSERTATIONS

Select the **"Advanced Search"** option – click on the **"Subject"** field and type "dissertations" in the *search term* box and a keyword in the **"Title"** field to retrieve a list of available dissertations under a specific title.

Use the **"Simple Search"** option to search for dissertations on a specific **Course** (ex. Marketing, Advertising & PR). Type one of the following classification codes in the *search term* box **"Classification"** and all related dissertations will be retrieved on the screen.

To search dissertations on a specific Course, type one of the following classification codes.

Classification Codes	Courses
BCS	Bachelor in Computer Science
MSET	Software Engineering & Telecommunications
MIS	Information Systems
MTIE	Technology, Innovation & Entrepreneurship

Finding JOURNAL ARTICLES

For an effective research on a specific topic you need to use electronic resources. E-resources include an extensive collection of full text and bibliographic databases, e-journals, e-books and digital libraries and ensure desktop delivery of items retrieved from a search.

The e-resources available for Computer Science students are:

Databases

Computer Source™: features over 450 full text periodicals covering valuable market information in computers, telecommunications, electronics, programming, artificial intelligence, information systems, and the Internet.

Business Source Complete: the world's definitive scholarly business & computer science database, providing the ultimate collection of bibliographic and full text content.

CITESeer (Scientific Literature Digital Library): is a scientific literature digital library and search engine that focuses primarily on the literature in computer and information science.
(http://citeseerx.ist.psu.edu/)

ACM Digital Library: produced by ACM, the world's largest educational and scientific computing society, the digital library delivers resources that advance computing as a science and a profession. It includes the full text of every article ever published by ACM and bibliographic citations from major publishers in computing.
(MUSE)

IEEE/IET Electronic Library (IEL): made available via the IEEE *Xplore* platform, contains over 1.6 million documents, and offers full text electronic access to some 130 journal titles back to 1988 (back to 1913 for selected titles). Full text electronic access to over 600 conference titles, 1600 active and selected archival IEEE standards, 20 Institution of Engineering and Technology (IET) journal and 20 IET conference titles is also included in the IEL.
(MUSE)

Ebooks

Comprehensive collections of electronic books containing high-quality titles from leading publishers that cover a broad range of disciplines, such as, social sciences, computer science, mathematics, psychology, business & economics, engineering & technology, law, politics, skills, study aids & language learning, health & medicine, etc. Features: search, view and download e-books (pc, laptop, mobile devices access).
(EBSCOhost)

Google Books

Searches across the full-text content of a huge range of books.
(https://books.google.com)

Research Publications (IF institutional repository)

View and download the publications (articles, conference papers, book chapters, etc) written by members of the IF academic staff. Print copies are held at the Reference and Key Publications collections.
(http://www.seerc.org)

* When an item is not available in full text – use the Interlibrary Request Service.

How to access e-resources

During your Induction you will be issued with a username and password. You need your personal details to login to PCs, access your email, access MOLE and e-resources. All e-resources are available to students whether on-campus or not.

Internet sites

The gateways and subject guides included in ILC's webpages provide access to focused, and quality assured information for queries relating to the computing and IT areas.

A good place to start would be:

Google Scholar: the ultimate web search engine that indexes the full text of scholarly literature across an array of publishing formats and disciplines. From one place, you can search: articles, theses, books, abstracts and court opinions, from academic publishers, professional societies, online repositories, universities and other web sites.
*(*scholar.google.com/)

Other Internet Resources

BibFinder: A Computer Science Bibliography Mediator http://dblp.uni-trier.de/db/index.html	A computer science bibliography search engine. It simultaneously searches the Collection of Cs Bibliographies, the DBLP Computer Science Bibliography, the ACM Digital Library, ScienceDirect, CiteSeer and Google.
Computing Research Repository http://arxiv.org/corr/home	CoRR seeks to be the single repository to which researchers from the whole field of computer science will submit reports as a means of rapid dissemination of research results.
Collection of Computer Science Bibliographies http://liinwww.ira.uka.de/bibliography/	A collection of bibliographies of scientific literature in computer science

MUSE (My University of Sheffield Environment)

MUSE, is the University of Sheffield (TUOS) portal, designed to give students and staff personalized access to digital resources. MUSE allows you to:

- Use **STARPlus**, the Sheffield Library catalogue to access digital collections, including e-journals and databases.
- Use **"Articles and More"** to do literature searches of multiple databases.
- Search Google Scholar and find links to Sheffield's Library full text context.
- Send and receive emails and create a personal address book.

*If you do not have fulltext access to an item – use the Interlibrary Request Service.

Academic Skills & Support Tools

Skills

MOLE (My On-line Learning Environment): his service allows students to have access to Unit details, (syllabi & lecture notes), exercises & coursework, forums & on-line chat (with instructors & students), and other collaborative tools etc. This service is accessible at http://mole.if.sheffield.eu

Student Skills & Personal Development Resources: this section of MOLE includes **"IF301 – "On-line Tutorials: Skills and How To"** – a series of documents and online instructional videos that will help students develop their learning, writing, research and communication skills. The resources are accessible at http://mole.if.sheffield.eu/index.php?categoryId=39#categoryContent

301: Academic Skills Centre - 301 Student Skills and Development Centre creates and signposts to resources to help students develop their academic and study skills. In these pages you will find links to skill development opportunities open to students from the International Faculty including research experiences, study skills support and maths and statistics help

(https://www.sheffield.ac.uk/ssid/301/international)

TASH offers a wealth of information on the issues you're likely to encounter throughout your studies. It includes advice on structure, grammar & different types of academic writing.

(https://www.shef.ac.uk/ssid/301/tash)

ORION **(ΩΡΙΩΝ)** - Online Digital Literacy Tutorial with guidelines on how to research and find material for assignments and dissertations (Designed for Greek students) - http://orion.lib.teithe.gr/

Information and Digital Literacy Tutorials – these webpages include a list of online tutorials, videos and guides that help students successfully research, find and evaluate information. The specific resources have been designed to support students during heir whole studies.

https://www.sheffield.ac.uk/library/idlt/index

Support Services

Reference & Research Assistance
Students may contact (email, phone, in person) the Library staff for general information and advice. For assistance with subject requests, it is important to supply as much information as possible about the assignment/project topic.

Interlibrary Request Service (IRS)
The IRS offers the option to obtain material such as articles, book chapters, conference proceedings and reports that is not part of the library collection.

Requests & queries should be sent to anagnostopoulou@citycollege.sheffield.eu

ILC Working Hours
Monday to Friday: 08:30 – 21:30
Saturday: (October-May) 11:00 – 19:00
Sunday: (October-May) 11:00 – 18:00

Contact details:
Information & Learning Commons (ILC)
The University of Sheffield International Faculty, CITY College
3, Leontos Sofou Str., 546 22, Thessaloniki, Greece
Tel.: (+30) 2310 538 961 - Fax: (+30) 2310 282 374
Email: mailto:library@citycollege.sheffield , anagnostopoulou@citycollege.sheffield.eu
Website: http://www.citycollege.sheffield.eu/