



Our services at a glance

- **Information resources** We provide you with discipline- and subject-specific databases and tools that meet your specific needs.
- 8 Awareness We keep you up-to-date with new information solutions.
- **Education, training & teaching** We help to keep you aware of new and existing information, tools, and databases.
- **Information consulting & retrieval** We are scientists and info pros supporting scientists!
- **Information & library services** We support your personal information management needs.
- **A place to study and learn** We provide three floors for working, learning and relaxing, including a lounge area with sofas.
- **The staff of the Information Center** We are your information professionals.

Welcome

The Chemistry | Biology | Pharmacy Information Center is a joint facility of both the Department of Chemistry and Applied Biosciences (D-CHAB) and the Department of Biology (D-BIOL). It supports:

- · Bachelor's and Master's Students
- · Doctoral students and postdocs
- · Senior scientists and professors

from these two departments as well as from the Department of Materials (D-MATL) regarding questions on scientific information as well as information and knowledge management.

The Information Center acts as a scientific information skill center, supporting the diverse teaching and research environment of ETH Zurich. Teaching is one of our most important tasks. The Information Center has developed a curriculum that ensures that students acquire the necessary skills in information management and retrieval as part of their education in chemistry, life sciences, and materials science. This includes the ability to judge the relevance of scientific information as well as the development of knowledge management expertise.

In addition, our information consultants, who are chemists, biologists, or pharmacists as well as information scientists, support researchers and lecturers. They also scout and evaluate new information solutions. A team of library professionals complements their work.

And last but not least, the Information Center is also a place to learn and study, and a library with tailored subject-specific services.



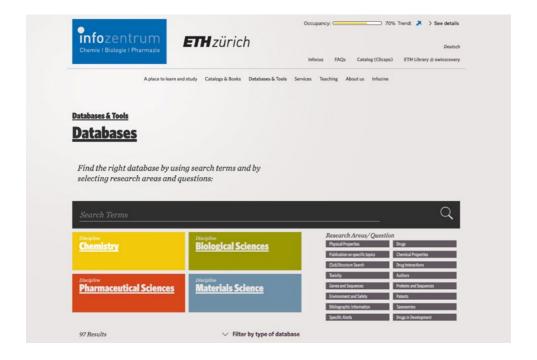
Information resources

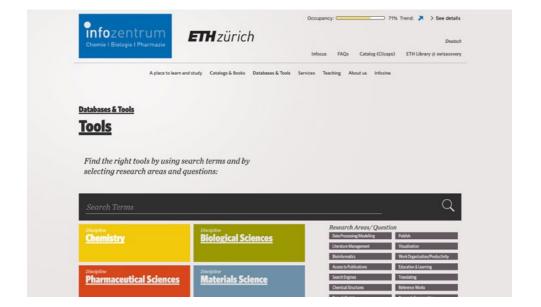
It is difficult to keep track of the multitude of databases and tools that are available today. The website of the Information Center aims to help you intuitively find the right database or tool for your research problem or for information management.

Databases

On the homepage of the Chemistry | Biology | Pharmacy Information Center you can choose from two dynamic modules, "Databases" and "Tools". Within these modules, if you select nothing you will see the entire list of resources in alphabetical order. In "Databases", you have the possibility to narrow down to the appropriate information resource or solution

by selecting your research area first (shown as colored blocks on the left), then the sub-discipline (smaller blocks of the same color) and additionally your research area or question (small grey blocks on the right). For example, you may choose "Chemistry", narrow that down to "Organic Chemistry" and then select "Synthesis Planning" as the research question. If, by using the drop-down menu under the colored blocks, you additionally filter by the type of database, e.g., "Methods", the remaining two hits are databases on methods in organic synthesis. Alternatively, you can also type text into the search box and thus go directly to a known information resource.





Tools

When using "Tools" you can narrow down to research areas but not to subdisciplines. You can, however, use "Research Areas/Question" or the text search. If you are, for example, looking for a tool to memorize named reactions in organic chemistry then you would use the text search and simply type in "learn reactions". A free app, Reaction Flash, will be suggested, which helps you to learn and memorize reactions.

If you click on the "i", more information on the database/tool is shown as is the contact information of the person in the Information Center responsible for it. If "Availability" shows a closed lock either you are not within the ETH Zurich network and, thus, have no access to the licensed information resource or an additional activation is required.



Our directory of databases and tools contains both freely available and licensed databases, including those that are licensed by the ETH Library (access within the ETH network only or via VPN). Some important licensed databases are specified below:

SciFindern (https://scifinder.cas.org)

SciFinderⁿ allows web-based access to data-bases that are produced by the Chemical Abstract Services. With more than 59 million abstracts from journals and patents, 279 million unique chemical compounds, more than 75 million sequences and more than 150 million reactions, SciFinder is an important resource for chemistry and related areas.

Reaxys (www.reaxys.com)

Reaxys, the former "Beilstein" and "Gmelin", is a web-based tool for the retrieval of chemistry information and data from published literature going back to 1771 as well as for synthesis planning. It is thus an indispensable source for every chemist. The database contains more than 67 million reactions, 284 million substances and over 115 million references.

Scopus (www.scopus.com)

Scopus is the world's largest abstract and citation database of peer-reviewed literature with smart tools that track, analyze, and visualize research. Scopus contains more than 94 million records, with more than 2.4 billion references from over 29 200 journals, and books from more than 7 000 publishers worldwide. Additionally, 12 million conference papers are included. The entries cover sciences, technology, medicine (STM) as well as social sciences and arts & humanities (SSH).

Dimensions (https://app.dimensions.ai)

A very innovative and also the youngest, abstract and citation database. Launched in 2018, Dimensions has been integrating services such as ORCID, Altmetrics, ReadCube and Figshare. Various tools allow you to analyze, visualize and track research results. Most importantly, you will not only find scientific articles, books and patents, but also grant information, clinical trials, datasets and policy documents. These over 147 million records linked with the references between them — overall more than 1.8 billion. Get in touch if you require large amounts of data from this database, this should be possible via API.

Web of Science (www.webofknowledge.com)

Web of Science is a collection of citation databases that indexes over 34 000 journals and contains more than 2.2 billion cited references (starting from 1864).

Would you like training or advice on a particular database? Do you need support for the retrieval of data and information? Or do you want to know which database is the right one for your question or problem? Please contact our Information Consultants. Additional information can be found in the section Information consulting (p. 13).

Would you like to recommend a database or do you need a certain database that is not available? Please contact us:

infoz consulting@chem.ethz.ch.

Our services: Information resources

How to stay tuned to the latest database and tools developments?

Our website helps you to find the database and tools that are right for you. New tools and databases frequently enter the market, and old ones are constantly supplemented with new functionalities. We inform you specifically about the latest development in your areas of interest. All you need to do is to register for Infocus, our "personalized alerting system for news on databases, tools, and services" (see p. 8). You will then receive personalized e-mail alerts based on the areas of interest that you have selected.

Services

☐ Organic Chemistry
☐ Physical Chemistry

Newsletter Infocus

Infocus is a personalized news alert, which provides very focused information based on users' personal interests.

In order to receive Infocus news alerts, register with an ETH Zurich e-mail address and tick your fields of interests. Based on your selection you will infrequently receive relevant and focused information by e-mail, i.e. Infocus. Depending on your choice, there might be only one e-mail a year or a few each month, in case you selected many areas of interest. Unsubscribe any time with the link you can find at the bottom of every Infocus we send to you.

This service is for ETH Zurich members only. Please use your ETH Zurich address for registration.



Registration Please complete all required fields * First name * Last name * E-mail (Registration is only possibe with an ETH Zurich address!) * E-mail Receive news on any of these subjects? Chemistry Inorganic Chemistry

Books and journals

In the Information Center, you can find a large selection of printed books (monographs), print journals, monographic serials, and other reference works. Our holdings can be found both in our catalog (https://infozentrum.ethz.ch/ eng/catalog) as well as in the catalog of the Swiss Library Service Platform (SLSP), swisscovery. Members of ETH Zurich are advised to use the catalog ETH Library @ swisscovery at https://eth.swisscovery.slsp.ch (p. 14.) ETH Library provides access to many e-journals as well as a growing number of e-books, including more and more textbooks. A very large number of e-books available at ETH Zurich on the topics Chemistry | Applied Biosciences can also be found in our own catalog.

lounge area on two display stands. The Information Center uses a color signaling system that makes it easier for users to find what they are seeking.

Do you want to borrow books?

To borrow documents and access various services of the Information Center, you must first register for Swisscovery. You will find instructions on our website: http://u.ethz.ch/zoCZO and, if necessary, support at the Infodesk. Through Swisscovery you can search the holdings of 500 academic libraries nationwide. Documents from 174 libraries of the network can be ordered online via ETH Library @ swisscovery and then picked up at the Infodesk (see p. 14).

Materials Science	Pharmaceutical Sciences	Biology	Chemistry
Computer Science	Auxiliary Skills	Mathematics	Physics
Journals	Serials	Science & Society	Crystallography
Legacies and Donations	Food Science	Safety and Environment	Library & Information Sciences

Books are located both on the G and H floors (see p. 18). On the G floor, you will find, among others, chemistry and pharmaceutical sciences books as well as textbooks. On the H floor, you can find books on life sciences, mathematics, physics, and informatics as well as books on auxiliary skills. Are you looking for newly acquired books? A selection of our newly acquired books is presented in the

This service is completely free of charge for all ETH members (including students). Books from the Infodesk have a loan period of 4 weeks, which can be automatically renewed 5 times, provided that there is no other reservation by another user for the same document. The Infodesk will be happy to help you with any questions regarding registration and borrowing.

Ordering books that are not available

If you do not find what you are looking for in the more than 40 million resources of Swisscovery, you can also use the interlibrary loan function of the ETH Library. This service is also free of charge for ETH employees. Students should ask at the Infodesk for alternative solutions.

Journals

In our lounge area on the H floor, you can find about 40 print journals that are for the most part not available electronically. The print journal archive is located on the H floor, too.

You cannot find a particular journal article?

We are happy to search for articles you cannot find and order them for you. Simply send an e-mail with your literature request to infodesk@chem.ethz.ch. This service is offered to students on a limited basis. Of course, you can also order articles by yourself using the ordering system ETH Library @ swisscovery (Borrowing & Ordering > Order forms) – we are happy to show you how.

Would you like to copy an article from a print journal that is available in the Information Center?

In the entrance lobby you will find several copiers and printers. We also have a book scanner for sensitive documents, please ask at the Infodesk if you need help with these services. (see "copying, printing, scanning and plotting" p. 20).

New acquisitions - missing resources

Please let us know if important books, journals, or other interesting information resources are not in our portfolio. We are happy to check if an acquisition is possible.



Awareness

Would you like to know what's new and exciting in the world of scientific information and communications? Are you interested in getting an overview of the events that take place in the Information Center? There are several ways to stay tuned to the Information Center – just pick which channel works best.

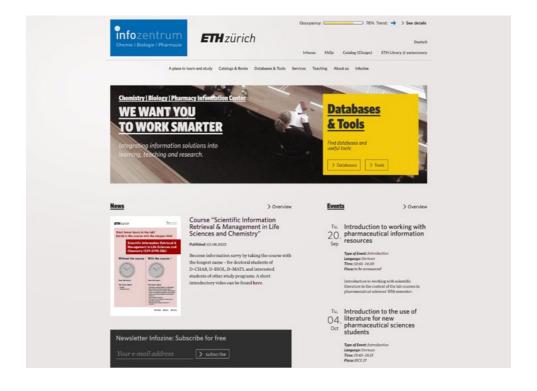
Website of the Information Center

The central hub to all information resources, tools, and services is our website. The website not only lets you intuitively search for information resources and tools but keeps

you up to date on what is going on in the Information Center: www.infozentrum.ethz.ch

Infocus, our personalized alerting system for news on databases, tools, and services

Registration for our newsletter Infocus (p. 5) is through our website as is registration for our magazine Infozine (p. 9). Personalization of Infocus is possible through the menu item "Infocus" on the top of the webpage. Fields of interest include chemistry, biology, pharmacy, materials science as well as databases, software, events, and much more.



Our services: Awareness

Info Center on social media

Twitter: The Information Center tweets and retweets interesting news items found on the web and elsewhere. Follow @icbpeth on Twitter.

Instagram: Follow @icbpeth on Instagram. Here you can find news items that are best expressed by an image as well as photos from the Information Center. Tag your posted photos with #infozentrum.

LinkedIn: The information center can also be found on LinkedIn, the largest business network. Search for "Chemistry | Biology | Pharmacy Information center" and you will also find our latest news here.

Info box & infoscreen

The info box to the left of the entrance on the G floor displays news such as opening hours, new resources, and services. A monitor above the Infodesk displays information on relevant news and seminars, especially for students.

Infozine – our magazine

If you like to stay informed, Infozine is perfect for you. It is published infrequently in both English and German. You can find the PDFs of all issues on our website. Infozine offers tips and tricks, news on tools and information resources, updates from the Information Center and from scientific communications – all in a concise and entertaining manner. You can subscribe to Infozine free of charge via our



Education, training & teaching

Especially in the life sciences and chemistry there are numerous information resources – databases as well as tools that can help you to quickly and easily retrieve information and analyze your data.

However, to do so you need to know which information resources are available, how to use them and which tools are available to transfer information from one system to the other. One database may be more relevant for a certain problem than another. It is also important to know how databases are curated and maintained, prerequisites for properly judging the quality of an information resource.

These are important skill sets which the Chemistry | Biology | Pharmacy Information Center teaches already in the first semester. Students need to learn how to use and to question the value and quality of published scientific information and how to properly document scientific findings. In a concept of life-long learning, the Information Center engages in this process through various events and initiatives, including continuing professional education. Hardly any other area develops as rapidly as information and knowledge management.

Lectures within the lab courses

In coordination with the lecturers of the Departments D-CHAB, D-BIOL, and D-MATL, the Information Center gives several lectures that consecutively build on each other and which are integrated into various laboratory courses. Basic knowledge of scientific information is taught from the first semester and courses continue up to the Master's level.

The course materials can be found on our website at "Teaching > Lectures". Please note that downloading the course materials is only possible within the ETH Zurich network.



Coffee Lectures

Information, knowledge, and a coffee – that is the concept of our Coffee Lectures, aimed at undergraduates, doctoral students, postdocs, scientific staff and faculty. A Coffee Lecture lasts about 10 minutes, and you learn all you need to know about a database, a tool or a useful trick – and you'll get a cup of coffee or tea and a collection card for free. Do you want to know more? Find out more on our YouTube channel and our website.

Coffee Lectures always take place in blocks of three weeks on Tuesdays, Wednesdays and Thursdays. We announce new series on our website and on posters in the HCl building and elevators ahead of time. You will find the topics of our various lectures under "Teaching" on our website. There, you can also filter for "Coffee Lecture" and import the dates into your electronic calendar.

Research group seminars

Upon request, the Information Center offers bespoke seminars for individual research groups. The selection of the topics is based on our Research Group Seminar Menu Card. Just like in a restaurant, you can select different topics as "starters", "main dishes", "specials" and "desserts" to create a unique menu, tailored to the specific need of your group. Special requests are always welcome. More information can be found on our website under "Teaching".





Course "Scientific Information Retrieval & Management in Life Sciences and Chemistry"

Established in the fall semester of 2014, this course is aimed primarily at doctoral students at ETH Zurich and in the Life Science Zurich Graduate School. The course, given in English, is designed to help doctoral students in chemistry and life sciences fully utilize the power of scientific information resources and tools. This is an important skill set, not just for students but also for a later job.

Scientific Writing Support

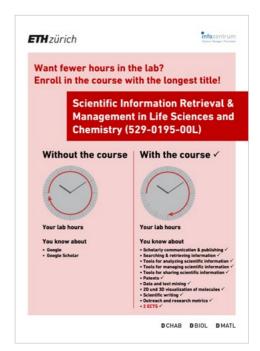
In all career stages, the ability to express ideas clearly and concisely contributes to success. For this reason, we are offering the Scientific Writing Lab and the course entitled "Scientific Writing for the Life Sciences and Chemistry" (1 ECTS) in the spring semester.

Webinars, seminars, training, and workshops

In our event calendar, you will find a variety of other education & training events. The filter function allows you to narrow down your search by target group and event type. In addition, you will also find the free webinars from publishers, institutions, and vendors that we recommend, as well as selected events from the ETH Library.

Introductions

Upon request, we also give courses for new employees (staff and apprentices).





Information consulting & retrieval

Literature search support by scientific experts

If you are looking for literature on a certain topic, please ask the Infodesk staff or, in the case that you have very specific questions, contact the Information Consultants for Chemistry, Chemical Engineering, Biology or Pharmaceutical Sciences for support.

Information & knowledge management, consulting and support

We also support research groups that need project-based support for information & knowledge management. In addition, our information consultants offer advice and support to doctoral students and postdocs whose interdisciplinary research crosses the fields of biology, chemistry or pharmacy.

Electronic Lab Notebooks (ELN)

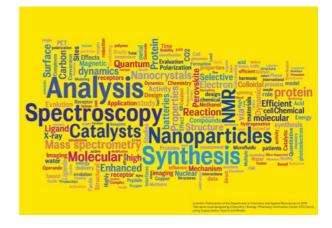
The information center advises research groups on the use of electronic laboratory journals. The open source products OpenBIS and Chemotion are good solutions already used in several groups, and so Signals, which has ChemDraw embedded. If you are interested, please contact Dr. Leo Betschart.

Consulting regarding publishing, impact factors

Take advantage of our experience in scientific publishing and scientific communication. Do you need citation analyses, not only the traditional impact factor but also altmetric scores? Please contact Dr. Oliver Renn.

Information retrieval

Are you facing a very difficult search in a specific chemistry or life science database and need support for information retrieval? Please contact the team of Information Consultants (see p. 21).



Information & library services

Infodesk

The Infodesk is the first point of contact for all visitors of the Chemistry | Biology | Pharmacy Information Center. Here your questions will be answered or you will be directed to a scientific expert (Information Consultant). The Infodesk is also the place where you can borrow and return books or pick up your orders. The Infodesk can be reached by phone (+41 44 632 30 66) or via e-mail at infodesk@chem.ethz.ch

ETH zürich

Swisscovery

Our catalog: https://infozentrum.ethz.ch/ en/catalog

Our catalog, formerly known as CLICAPS (Chemistry Library Information Control And Presentation System), is your interface for finding books, e-books, serials, print journals and e-journals quickly and easily. It also serves as an inventory of all documents available in the Information Center.

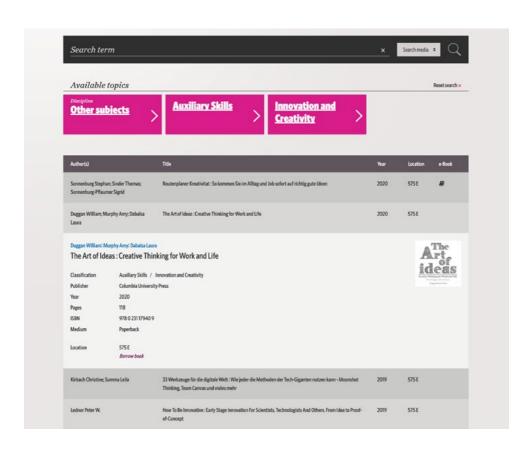
Almost all of our media can also be found in the search portal of the SLSP library network and the ETH library: https://eth.swisscovery.slsp.ch.



Topic search

Of course, the holdings of the SLSP network are much more extensive than ours and you will find more resources there, but it can sometimes also be an advantage to find only the most relevant books (i.e. those from chemistry, pharmacy and biology) and not to have to spend a lot of time filtering through search results.

Searching by topic is definitely a unique feature of CLICAPS. This is possible only because the Information Center has developed its own classification scheme that covers all research areas. We are continuously developing our proprietary taxonomy to adapt to the changing needs of ETH Zurich.



All books in the Information Center are shelved **Overview of new acquisitions** based on this classification scheme. Books co- Are you interested in the latest book acquisivering related topics are placed on the same tions of the Information Center? Every month shelf. The color-coding system used for printed you will find posters presenting the new acbooks is the same as the one used for databases quisitions in "Chemistry & Pharmacy", "Life and tools on the website (see p. 6). For example, biology books can be easily recognized by green signs on the shelves, whereas books on phar- our website under "News" or under "Catalogs maceutical sciences have red signs. All books & Books". The printed posters carry QR codes on systems biology, a subdiscipline of biology, that link to the website that allows you to borare on the same shelf. Similarly, all books on row the books online. design and visual communications, a subdiscipline of auxiliary skills, share one shelf as well. Thus, if you are looking for books on a particular topic, you can simply go to the relevant shelf and screen through the titles.

Of course, you can also browse by subject online by using the "Search topics" function in our catalog. You can either search for topics in the black search box (select "Search topics" instead of "Search media") or search for suitable topics based on the four color elements. "Search media" is the quickest way to find the right book if you know the title or keywords you are seeking.

By the way: CLICAPS is not only a catalog of printed books but also contains e-books as well as old theses and dissertations from various international universities.

Sciences", "Bridging Scientific Disciplines" and "Popular Science & Lifelong Learning" on



A place to study and learn

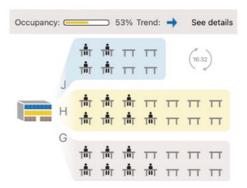
Studying, reading, relaxing – current issues of print journals and newspapers

The Information Center is an ideal place for working and studying, providing about 200 workplaces, almost all equipped with power outlets so that you can charge your laptop or mobile devices. The group rooms offer additional workplaces.

There is also a lounge area on the H floor with comfortable couches for relaxing and reading (about 20 seats). Here, you will find a selection of approximately 40 journals, daily newspapers and magazines, like Mac & i, c't or Nachrichten aus der Chemie. WiFi is available in the entire building with free access for everyone (externals need to register with their phone number).

Are there learning spaces left in the Info Center?

Our website shows the current occupancy of the library and if the trend is increasing or decreasing. A click on "Details" reveals the estimated occupancy on the three floors.

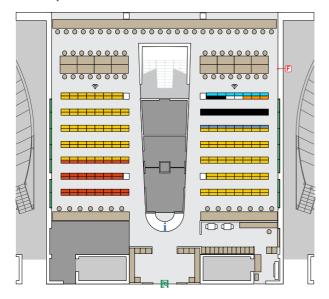




H floor plan



G floor plan



Pharmacy Material Science **Auxiliary Skills** Computer Science Mathematics Safety and Environment

The group rooms are located on the J floor, where there are also additional workplaces and the offices of the Information Center staff.

Group rooms

Would you like to have your own room for group work? There are five group rooms on the Information Center's J floor. They are available to students of the Departments D-CHAB, D-BIOL and D-MATL and can be booked at the Infodesk. If you would like to use the group rooms during the semester break, you can make a reservation in advance, usually just before the end of the semester. Please note the information on our website and our information display.

Lockers & wardrobes

As in all libraries, eating and drinking are not allowed in the Information Center (water bottles are permitted). Visits with lab coats and bulky luggage are not permitted. However, we provide baskets that you can use to carry your laptop, notes, binders, folders, and other items you need in the library.

For the safe storage of your other belongings there are 146 lockers on the G floor, both in the entrance and outside in the lobby to the right and left of the entrance. Almost all of the lockers have power plugs so you can charge your mobile devices. The lockers inside the library have to be empty when the Information Center closes. Would you like to reserve a locker for the entire semester break? This is possible for lockers in the lobby. Please watch for the reservation schedule, which is announced at the end of the semester on our website, via the infoscreen, and our information box. This service is free of charge, however, requires a registration at swisscovery.



Public PCs

You do not have a laptop or mobile device with you but you need to search a database or look up journal articles? We provide several PCs-the ones to the left of the entrance are freely accessible but have no Microsoft Office due to licensing reasons. Those to the right of the entrance have MS Office and sometimes Chem-Draw but require you to log in with an ETH account. These workstations are primarily for retrieving information, searching in catalogs, and using the databases in the ETH network.

Copying, printing, scanning, and plotting

The Information Center provides printing, scanning, and copying facilities in rooms HCI G 6.1. and HCI G 6.2. These services are provided by "ETH IT Services" or "ETH Print + Publish". You can send print jobs to the two all-in-one devices via your computer or our workstations using the "ETH Webprint Service". You can start the print job at the all-in-one devices using the ETH Zurich Card.

ETH Print Service for students

Furthermore, in room HCI G 6.1 you will also find a plotter with which you can print posters up to DIN A0 via "Print + Publish Self-Service".

Anyone with a valid ETH Zurich card and ETH Zurich username can use these services. Print jobs will remain in the queue for 24 hours, after which they are deleted. External visitors, please contact the Infodesk for printing, scanning, or copying.



Other services

We may not be a five-star hotel, but our services are not limited to library and information services. Do you need a charger for your iPhone? Do you need to change money? Would you like to store your cello safely for a few hours? Have you lost or found something? Just ask us, and we'll do our best to help you.

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Social Media

We are on Instagram, YouTube, LinkedIn, and X (formerly Twitter). The links are on our website.



Our Opening Hours During the semester

Monday – Friday 8.00 am – 8.00 pm

During the semester break

Monday - Friday 8.00 am - 10.00 pm Saturday 9.00 am - 10.00 pm Open Sundays during examination weeks.

Opening hours for external visitors:

Monday - Friday, 8.00 am - 6.00 pm

The regulations of the Information Center as well as other terms of use can be found on our website: www.infozentrum.ethz.ch/en/regulations

Our Catalog

https://infozentrum.ethz.ch/en/catalog

ETH Library@swisscovery

https://eth.swisscovery.slsp.ch

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