Welcome to MSc Bioinformatics Variant A Sommersemester 2020

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Chairperson of the board of examiners BSc/MSc Bioinformatics
Welcome!

Department of Computer Science, University of Tübingen
Due to the Covid-19 Pandemic…

The summer semester 2020 will take place, but …

• The university is closed to students
• All teaching will be online only
• Events that require attendance, especially practical courses in the life sciences, will not take place
• It is currently unclear how exams will be administered
Getting Information

• Important website:
  http://www.informatik.uni-tuebingen.de/

• Information on studies
• Information on the department
• Information on the different research groups
Student representatives & Mailing list

• Student representatives (Fachschaft):
  - Represent all students
  - http://www.fsi.uni-tuebingen.de
  - Provide information and support

• Mailing list: info-studium
  - https://www.fsi.uni-tuebingen.de/studium/mailinglist
    - You have to signup yourself
    - Important information about studies

• This mailing list is the only way that we can reach you
  ⇒ Please subscribe to it!
Organizational details

- Webpage in individual programs (in German):
  http://www.informatik.uni-tuebingen.de/studium/studiengaenge/

- Description of structure of BSc/MSc Bioinformatics courses (in German):

- General information (in German) on computer science programs:
  https://atlas.informatik.uni-tuebingen.de/~menth/teaching/200415_Organisation_Studium.pdf

- General video (in German) on computer science programs:
  https://atlas.informatik.uni-tuebingen.de/~menth/teaching/200415_Organisation_Studium.mp4
Alma, Course web pages, Ilias and Moodle

• Catalog of courses Alma:
  • https://alma.uni-tuebingen.de
  • Contains all courses offered at the University
  • Is newly installed and its helpfulness is currently very limited
  • Alma pages contain links to individual course webpages
    and to pages in the learning platforms Ilias and Moodle.

• Learning platform Ilias:
  • https://ovidius.uni-tuebingen.de

• Learning platform Moodle:
  • https://moodle.zdv.uni-tuebingen.de
• The “Prüfungs- und Studienordnung der Universität Tübingen für die Studiengänge Bioinformatik, … und Medizininformatik … Master of Science (B.Sc.)” (PO) 2016 spells out the details of the MSc Bioinformatics program.

• The PO lists *modules*, that need to be taken.

• The module handbook describes the details of the *modules*.

http://www.informatik.uni-tuebingen.de/
Enrolling in Courses

In most cases, you will have to enroll for a course in two separate ways:

• First, most course require that you enroll in the course via Ilias or Moodle to get access to materials, assignments and tutorials.

• Second, you must use Alma (oder in some cases via the board of examiners secretary) to register for the courses exam.
Who is who

• Board of examiners BSc/MSc Bioinformatics
  - Secretary: Ms Monika Weber, Sand 13, 2. OG., B316
  - mweber@informatik.uni-tuebingen.de
  - Chairperson: Prof. Daniel Huson
  - daniel.huson@uni-tuebingen.de

• Studies Advisor, Counsellor, Dean of Studies
  - Prof. Kay Nieselt
  - kay.nieselt@uni-tuebingen.de
Master Bioinformatics

- PO 2016
- 120 ECTS
- Duration: 4 Semesters
- Max. duration: 7 Semesters
- Courses in Bioinformatics, Computer Science and Life Sciences
- Three Variants:
  - A - for BSc Bioinformatics
  - B - for BSc Biology
  - C - for BSc Computer science
- Master thesis
  - 30 ECTS, 6 months
  - Thesis is jointly posed and reviewed by two professors, one from bioinformatics and the other from life sciences
Master Bioinformatics Variant A

Variant A is for students with a BSc in Bioinformatics - can be studied in English

ECTS

- Module Sequence Bioinformatics 9
- Module Structure Bioinformatics 9
- Seminar Bioinformatics (BIO-SEM) 3
- Field of study Practical Bioinformatics (BIO-PRAK) 6
- Field of study Bioinformatics (BIO-BIO) 15
- Field of study Practical Computer Science (INFO-PRAK) 6
- Field of study Theoretical Computer Science (INFO-THEO) 6
- In-depth study Computer Science (INFO-INFO) 18
- Field of study Life Sciences (BIO-LIFE) 18
- Master thesis 30
Have fun and success in your studies!