

KTH courses for Spring 2019 in Computer Science:

1. **Algorithms and Complexity (DD2352)**
<http://www.kth.se/student/kurser/kurs/DD2352?l=en>
Preapproved: CS 374 (currently CS498/section 374), 7.5 ECTS = 3.75 hours
Duration: Periods 3 and 4
2. **Methods in High Performance Computing (DD2356)**
<https://www.kth.se/student/kurser/kurs/DD2356?l=en>
Preapproved: CS 420, 7.5 ECTS = 3.75 hours
Duration: Period 4
3. **Machine Learning (DD2421)**
<https://www.kth.se/student/kurser/kurs/DD2421?l=en>
Preapproved: CS 446, 7.5 ECTS = 3.75 hours
Duration: Period 3
4. **Deep Learning in Data Science (DD2424)**
<https://www.kth.se/student/kurser/kurs/DD2424?l=en>
Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours
Duration: Period 4
5. **Artificial Neural Networks and Deep Architectures (DD2437)**
<http://www.kth.se/student/kurser/kurs/DD2432?l=en>
Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours
Duration: Period 3
6. **Artificial Intelligence and Multi Agent Systems (DD2438)**
<http://www.kth.se/student/kurser/kurs/DD2438?l=en>
Preapproved: CS 4xx, 15 ECTS = 7.5 hours
Duration: Periods 3 and 4
7. **Software Reliability (DD2459)**
<http://www.kth.se/student/kurser/kurs/DD2459?l=en>
Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours
Duration: Period 3
8. **Software Safety and Security (DD2460)**
<https://www.kth.se/student/kurser/kurs/DD2460?l=en>
Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours
Duration: Period 4
9. **Search Engines and Information Retrieval Systems (DD2476)**
<http://www.kth.se/student/kurser/kurs/DD2476?l=en>
Preapproved: CS 410, 9 ECTS = 4.5 hours
Duration: Periods 3 and 4
10. **Software Engineering Fundamentals (DD2480)**
<https://www.kth.se/student/kurser/kurs/DD2480?l=en>
Preapproved: CS 427, 7.5 ECTS = 3.75 hours
Duration: Period 3
11. **Principles of Programming Languages (DD2481)**
<https://www.kth.se/student/kurser/kurs/DD2481?l=en>
Preapproved: CS 422, 7.5 ECTS = 3.75 hours
Duration: Period 4
12. **Computer Graphics and Interaction (DH2323)**

<http://www.kth.se/student/kurser/kurs/DH2323?l=en>

Preapproved: CS 418, 6 ECTS = 3 hours

Duration: Period 4

13. **Concurrent Programming (ID1217)**

<http://www.kth.se/student/kurser/kurs/ID1217?l=en>

Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours

Duration: Period 3

14. **Programming of Interactive Systems (ID2010)**

<http://www.kth.se/student/kurser/kurs/ID2010?l=en>

Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours

Duration: Period 3

15. **Constraint Programming (ID2204)**

<http://www.kth.se/student/kurser/kurs/ID2204?l=en>

Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours

Duration: Period 4

16. **Programming Web-Services (ID2208)**

<http://www.kth.se/student/kurser/kurs/ID2208?l=en>

Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours

Duration: Period 3

17. **Distributed Computing, Peer-to-Peer and GRIDS (ID2210)**

<https://www.kth.se/student/kurser/kurs/ID2210?l=en>

Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours

Duration: Period 4

18. **Developing Mobile Applications (ID2216)**

<https://www.kth.se/student/kurser/kurs/ID2216?l=en>

Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours

Duration: Period 3

19. **Embedded Software (IL2212)**

<http://www.kth.se/student/kurser/kurs/IL2212?l=en>

Preapproved: CS 431, 7.5 ECTS = 3.75 hours

Duration: Period 3

20. **Computer Systems Architecture (IS2202)**

<http://www.kth.se/student/kurser/kurs/IS2202?l=en>

Preapproved: CS 433, 7.5 ECTS = 3.75 hours

Duration: Period 4

21. **Discrete Mathematics (SF1610)**

<http://www.kth.se/student/kurser/kurs/SF1610?l=en>

Preapproved: CS 173, 7.5 ECTS = 3.75 hours

Duration: Period 4

22. **Parallel Computations for Large-Scale Problems (SF2568)**

<http://www.kth.se/student/kurser/kurs/SF2568?l=en>

Preapproved: CS 420, 7.5 ECTS = 3.75 hours

Duration: Periods 3 and 4

23. **Dimensioning of Communication Systems (IK1611)**

<http://www.kth.se/student/kurser/kurs/IK1611?l=en>

Preapproved: CS 4xx, 7.5 ECTS = 3.75 hours

Duration: Period 3

24. **Internetworking (IK1552)**

<http://www.kth.se/student/kurser/kurs/IK1552?l=en>

Preapproved: CS 438, 7.5 ECTS = 3.75 hours

Duration: Period 4

25. **Advanced Internetworking II (IK2217)**

<http://www.kth.se/student/kurser/kurs/IK2217?l=en>

Preapproved: CS 538, 7.5 ECTS = 3.75 hours

Duration: Period 3