Graduate Course Offerings in the Computer Science Department.

The following table shows the anticipated course offerings for the Spring 2020 through the Fall 2022 semesters. Course offerings depend on enrollment and small adjustments may have to be made. Also, new courses may be developed in this time period and will be added if they become available.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Course Number | Course | Spring 20 | Fall 20 | Spring 21 | Fall 21 | Spring 22 | Fall 22 |
| CS 5050 | Advance Topics in CS |  | X |  |  | X |  |
| CS 5100 | Compliers | X | X | X | X | X | X |
| CS 5200 | Computer Architecture | X | X | X | X | X | X |
| CS 5220 | Computer Communication |  | X |  | X |  | X |
| CS 5260 | Advanced Web Systems and Internet |  | X | X |  |  |  |
| CS 5310 | Software Requirements |  | X |  |  | X |  |
| CS 5320 | Software Design |  | X |  |  | X |  |
| Cs 5340 | Software Maintenance | X |  |  | X |  |  |
| CS 5350 | Software Produce Management | X |  |  | X |  |  |
| CS 5371 | Software Mobile Testing |  |  | X |  |  | X |
| CS 5420 | Database Systems | X |  | X |  | X |  |
| CS 5435 | Data Mining |  |  |  |  |  |  |
| CS 5500 | Operating Systems | X |  | X |  | X |  |
| CS 5510 | Distributed Systems |  |  |  |  |  |  |
| CS 5530 | Mobile and Wireless Systems |  |  |  |  |  |  |
| CS 5540 | Datacenter and Cloud Computing | X |  |  |  |  |  |
| CS 5600 | Numerical Computing | X |  |  |  |  |  |
| CS 5700 | Automata | X | X | X | X | X | X |
| CS 5710 | Evolutionary Computation |  |  | X |  |  |  |
| CS 5720 | Algorithms | X | X | X | X | X | X |
| CS 5730 | Algorithmic Game Theory |  |  | X |  | X |  |
| CS 5750 | Computational Geometry |  |  | X |  |  |  |
| CS 5770 | Animation and Visualization |  |  |  |  | X |  |
| CS 5780 | Advanced 3D Games and Digital Content Creation | X |  |  |  |  |  |
| CS 5790 | Wearable Computing and Complex Systems | X |  | X |  |  |  |
| CS 5800 | Computer Graphic |  | X |  | X |  | X |
| CS 5810 | Advanced Computer Graphics |  |  |  |  | X |  |
| CS 5820 | Artificial Intelligence |  |  |  | X |  |  |
| CS 5860 | Machine Learning | X |  |  |  |  |  |
| CS 5870 | Neural Networks |  |  |  |  |  | X |
| CS 5890 | Computational Linguistics |  | X |  |  |  |  |
| CS 5910 | Fundamentals of Computer/Network Security |  | X |  | X |  | X |
| CS 5920 | Applied Cryptography | X | X | X | X | X | X |
| CS 5930 | Privacy & Censorship | X |  | X |  | X |  |
| CS 5950 | Homeland Sec & Cyber Security | X |  | X |  | X |  |
| CS 5960 | Wireless and Embedded Systems Security | X |  | X |  | X |  |
| CS 5970 | Software Security |  | X |  | X |  | X |
| CS 6000 | Computer Science Research |  | X |  |  | X |  |
| CS 6770 | Virtual Reality and Computer-Human Interaction | X |  |  |  |  |  |
| CS 6910 | Advanced System Security Designs |  |  | X |  | X |  |
| CS 6930 | Advanced Topics in Web Security and Privacy | X |  |  |  |  |  |
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