Course Sequencing

Students should not take an introductory level course after they have taken a more advanced course on a topic. It is the students' responsibility to ensure that they follow the appropriate course sequence. When in doubt, students should consult with their academic advisor. ***Please note: Course numbers and titles may change. If you notice such a change, please email ini-academic@andrew.cmu.edu prior to enrolling in a course.***

This includes, but is not limited to the following:

- A student who has already taken **18-756 Packet Switching and Computer Networks** should not take the following courses after the fact:
    - 14-740 Fundamentals of Telecommunications and Computer Networks

- A student who has already taken **15-719: Advanced Cloud Computing** should not take the following courses after the fact:
    - 15-619: Cloud Computing
    - 14-848: Cloud Infrastructure and Services

- A student who has already taken **the following courses** should not take **11-663: Applied Machine** after the fact:
    - 10-601: Introduction to Machine Learning
    - 10-605: Machine Learning with Large Datasets
    - 10-701: Introduction to Machine Learning (PhD)
    - 10-715: Advanced Introduction to Machine Learning (PhD)
    - 14-757: Introduction to Adversarial Machine Learning
    - 18-661: Introduction to Machine Learning for Engineers
    - 24-787: Machine Learning and Artificial Intelligence for Engineers

- A student who has already taken **17-700: Machine Learning and Data Science at Scale** should not take the following courses after the fact:
    - 10-601: Introduction to Machine Learning
    - 10-605: Machine Learning with Large Datasets
    - 14-757: Introduction to Adversarial Machine Learning
    - 18-661: Introduction to Machine Learning for Engineers

- A student who has already taken 14-760: Advanced Real World Data Networks should not take the following courses after the fact:
    - 14-740: Fundamentals of Telecommunications Networks
    - 15-641: Networking and the Internet
    - 18-741: Computer Networks

- A student who has already taken **15-712: Advanced Operating Systems and Distributed Systems** should not take the following courses after the fact:
    - 15-640: Distributed Systems
    - 14-736: Distributed Systems: Techniques, Infrastructure, and Services

- A student who has already taken **14-819: Introduction to Software Reverse-Engineering** should not take the following course after the fact:
    - 95-759: Malicious Code Analysis

Version Table Course Sequencing
  *Notates dates course were added or removed from the Corse Sequencing List

Date posted	ADDED/REMOVED	COURSES
08-17-20	ADDED	18-756, 14-740, 18-345
	ADDED	15-619, 15-719
	ADDED	11-663, 10-601, 10-701, 10-715, 18-661
	ADDED	14-735, 18-732
10-11-21	ADDED	10-601, 17-700
	ADDED	18-750, 18-759
1-21-22	ADDED	15-719,14-848
7-1-22	ADDED	24-787; 49-781; 10-605; 14-760, 14-740, 15-641, 10-605
9-9-22	REMOVED	18-732 and 14-735
1-2-23	ADDED	14-811 (14-757)
5-22-23	ADDED	15-712 and 15-640
5-22-23	REMOVED	18-345 (no longer offered)
5-31-24	ADDED	18-741
5-31-25	ADDED	95-759 and 14-819