

## 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](mailto: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

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- 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

### Version Table Course Sequencing

\*Notates dates course were added or removed from the Course Sequencing List

<b>Date posted</b>	<b>ADDED/REMOVED</b>	<b>COURSES</b>
<b>08-17-20</b>	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
<b>10-11-21</b>	ADDED	10-601, 17-700
	ADDED	18-750, 18-759
<b>1-21-22</b>	ADDED	15-719, 14-848
<b>7-1-22</b>	ADDED	24-787; 49-781; 10-605; 14-760, 14-740, 15-641, 10-605
<b>9-9-22</b>	REMOVED	18-732 and 14-735
<b>1-2-23</b>	ADDED	14-811 (14-757)
<b>5-22-23</b>	ADDED	15-712 and 15-640
<b>5-22-23</b>	REMOVED	18-345 (no longer offered)