

Online Resources

Animal Science

- <https://www.edx.org/learn/animal-behavior>
 - Learn animal behavior and other in-demand subjects with courses from top universities and institutions around the world on edX.

Accounting/Economic/Finance

- https://www.youtube.com/playlist?list=PL1oDmcs0xTD9KgkwSDBq_g-t7hARjwL8G
 - Here are some economic examples from AC/DC economics channel on YouTube. I know my last professor used his stuff a lot in class.
- <https://www.youtube.com/playlist?list=PLuDogk1rsivCeUWyWrHm1y1sBs2n7QeVL>
 - Here's a playlist for accounting video tutorials from Khan Academy
- <https://www.khanacademy.org/economics-finance-domain/microeconomics>
 - Learn the basics, starting with Introduction to economics
- <https://www.khanacademy.org/economics-finance-domain/core-finance>
 - Learn the basics, starting with Compound interest basics
- <https://www.youtube.com/watch?v=ks33IMoxst0&feature=youtu.be>
 - Here's an intro video for Finance to study Present Value I know intro to finance works a lot with PV. It's from khan academy
- <https://www.khanacademy.org/economics-finance-domain/macroeconomics>
 - Learn the basics, starting with Introduction to macroeconomics

Biology

- <https://www.khanacademy.org/science/biology>
 - Learn the basics, starting with Welcome to biology!

Chemistry

- **General Chemistry**
 - <https://www.khanacademy.org/science/chemistry>
 - Learn the basics, starting with Introduction to the atom
 - <https://www.youtube.com/playlist?list=PL43285691048DAD00>
 - Bozeman science makes some great videos explaining basic chemistry concepts
- **Organic**
 - <https://www.khanacademy.org/science/organic-chemistry>
 - Learn the basics, starting with Dot structures
- **Dynamic Periodic Table**
 - <https://www.ptable.com/>

- Periodic Table for Chemistry

Computer Science

- <https://www.khanacademy.org/computing/computer-programming>
 - Learn the basics, starting with Intro to programming
- <https://www.khanacademy.org/computing/computer-science>
 - Learn the basics, starting with Intro to algorithms
- **How to write code**
 - <https://www.khanacademy.org/hourofcode>
 - Learn the basic of coding through drawing, webpages, and databases.

Engineering

- <https://www.khanacademy.org/science/electrical-engineering>
 - Learning the basics
- <https://www.edx.org/course/subject/engineering>
 - Enroll in an online introduction to engineering course or explore specific areas such as structural, mechanical, electrical, software or aeronautical engineering. EdX offers free online classes in thermodynamics, robot mechanics, aerodynamics and more from top engineering universities.

History

- <https://www.khanacademy.org/humanities/art-history>
 - Learn the basics, starting with About "Seeing America"
- <https://www.khanacademy.org/humanities/world-history>
 - Learn the basics, starting with The origin of humans and early human societies.
- <https://www.khanacademy.org/humanities/ap-us-government-and-politics>
 - Master different categories and after take a course challenge.
- **Documentary**
 - <https://documentaryheaven.com/watch-online/>
 - That's a website we're it list different types of topics such as crime all the way to biographies. Good website for history students.

Kinesiology

- **Anatomy and Physiology/ Exercise Physiology**
 - https://m.youtube.com/playlist?list=PL8dPuuaLjXtOAKed_MxxWBNaPno5h3Zs8
 - This has videos for practically every topic covered in A&P 1 and 2 (certain ones can also be useful for exercise physiology too)
 - https://highered.mheducation.com/sites/0070272468/student_view0/chapter7/labeling_exercises.html#
 - Labeling activities for memorizing the bones and muscles. (A&P 1 and 20)

- <https://m.youtube.com/watch?v=BYGPKRFvzOc>
 - Oxyhemoglobin disassociation curve (A&P 2 and Exercise Physiology)
- **Exercise in Chronic Disease and disability:**
 - https://m.youtube.com/results?search_query=osmosis
 - This has a lot of videos on different diseases and the pathophysiology of them. (The video on ECGs is also useful in Exercise Testing and Prescription)

Math

- **College Algebra**
 - <https://www.mathsisfun.com/algebra/index-college.html>
 - You will learn about Numbers, Polynomials, Inequalities, Sequences and Sums, many types of Functions, and how to solve them.
 - <https://www.khanacademy.org/math/algebra-home>
 - Learn the basics, starting with Overview and history of algebra
- **General Math**
 - <https://www.slader.com/>
 - Great free guided math textbook solutions. Any class from precal-cal3 and Diff eq.
 - <https://www.wolframalpha.com/examples/mathematics/>
 - Wolframalpha is a good math program in which, student could input an equation and it explain step by step on how it's solved. Best for math students.
 - <https://www.youtube.com/user/patrickJMT>
 - Math channel covering many math disciplines in YouTube.
- **Calculus**
 - <https://www.khanacademy.org/math/calculus-1>
 - Master different categories and after take a course challenge.
 - <https://www.khanacademy.org/math/calculus-2>
 - Master different categories and after take a course challenge.
 - <https://www.khanacademy.org/math/differential-calculus>
 - Master different categories and after take a course challenge.
 - <https://www.khanacademy.org/math/integral-calculus>
 - Master different categories and after take a course challenge.
 - <https://www.khanacademy.org/math/multivariable-calculus>
 - Master different categories and after take a course challenge.
- **Statistics**

- <https://www.khanacademy.org/math/statistics-probability>
 -
- <https://www.khanacademy.org/math/ap-statistics>
 -

Physics

- <https://www.khanacademy.org/science/physics>
 -
- **Physics 1**
 - <https://www.khanacademy.org/science/ap-physics-1>
 -
- **Physics 2**
 - <https://www.khanacademy.org/science/ap-physics-2>
 -

Pre-Pharmacy

- <https://www.khanacademy.org/science/health-and-medicine>
 -

Psychology

- <https://www.khanacademy.org/test-prep/mcat/behavior#concept-intro>
 - Biological, psychological, and socio-cultural factors influence behavior and behavior change.
- <https://www.simplypsychology.org>
 - Understand Key Experiments
- <https://www.youtube.com/watch?v=vo4pMVb0R6M&index=1&list=PL8dPuuaLjXtOPRKzVLY0jJY-uHOH9KVU6>
 - The series covers many of psychology's biggest hits, and is a great option for both introducing new topics and reviewing difficult concepts.

General Sources

- <https://www.brainpop.com>
 - General Knowledge of Any Subject from Anatomy to Math. (Brain pop)
- <https://www.edx.org/subjects>
 -