



## THE WORLD'S 25 GREAT CHALLENGES

All Expedition Courses link directly to one or more of the World's 25 Great Challenges. Our working list of the 25 Great Challenges is an amalgamation of the United Nations' 17 Global Goals for Sustainable Development plus 8 additional goals recommended by Tom Vander Ark, author and educational thinker. The 8 additional challenges draw on recommendations from the National Academy of Engineering, the Bill & Melinda Gates Foundation, the World Economic Forum, the Future of Life Institute, Future of Humanity Institute, and the National Science Foundation.

1. **No Poverty:** End poverty in all its forms everywhere.
2. **Zero Hunger:** End hunger, achieve food security and improved nutrition, and promote sustainable agriculture.
3. **Good Health and Well-Being:** Ensure healthy lives and promote well-being for everyone at all ages.
4. **Quality Education:** Ensure inclusive and equitable quality education, and promote lifelong learning opportunities for all.
5. **Gender Equality:** Achieve gender equality and empower all women and girls.
6. **Clean Water and Sanitation:** Ensure availability and sustainable management of water and sanitation for all.
7. **Affordable and Clean Energy:** Ensure that everyone has access to affordable, reliable, sustainable, and modern energy.
8. **Decent Work and Economic Growth:** Promote sustained, inclusive, and sustainable economic growth, full and productive employment and decent work for all.
9. **Industry, Innovation, and Infrastructure:** Build more resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation.
10. **Reduced Inequalities:** For nations to flourish, equality and prosperity must be available to everyone.
11. **Sustainable Cities and Communities:** Make cities and human settlements inclusive, safe, resilient, and sustainable.
12. **Responsible Consumption and Production:** Ensure sustainable consumption and production patterns.
13. **Climate Action:** Take urgent action to combat climate change and its impacts.
14. **Life Below Water:** Conserve and sustainably use the oceans, seas, and marine resources for sustainable development.
15. **Life on Land:** Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, halt and reverse land degradation, and halt biodiversity loss.
16. **Peace, Justice, and Strong Institutions:** Promote peaceful and inclusive societies for sustainable development, provide access to justice for all, and build effective, accountable, and inclusive institutions at all levels.
17. **Partnerships for the Goals:** Strengthen the means of implementation and revitalize the global partnership for sustainable development.
18. **Understand the Brain:** Predict how interactions between the physical and social environment enable behavior. Inform AI and advances in healthcare, manufacturing, and communication.
19. **Cybersecurity:** Prevent intentional or unintentional attacks on public systems and uses of AI systems that do harm or pose an existential risk.
20. **Prevent Nuclear Terror:** Work to prevent the short and long-term deadly consequences of nuclear warfare.
21. **Biotechnology for Good:** Reduce risk from especially dangerous pathogens and curb the negative effects of cloning, gene splicing, and a host of other genetics-related advancements.
22. **Engineer the Tools of Scientific Discovery:** Acquire new knowledge about the physical and biological worlds; expand access to data science and impact partnerships.
23. **Powerful Expressions:** Extend the quality of and access to human expression, visual and performing arts.
24. **Getting Along:** Increase empathy, perspective, and self-regulation to enhance dignity and change-making in our diverse society.
25. **Space and Extraterrestrial Life:** Explore outer space and the potential for life on other planets.

## CREDIT AND TRIMESTER OVERVIEW

The academic year consists of three trimesters plus May Term.

Each non-May Term course is awarded 0.5 credits per trimester. Skills Courses cover one content area. Expedition Courses are transdisciplinary-- credits are divided between English and science / social science. May Term is a stand-alone, 1.0-credit course offered each year.

Students take four courses each trimester for a total of 2.0 credits per trimester. Students receive a maximum of 7.0 Watershed credits each year (2.0 per trimester plus 1.0 for May Term).

One credit is equivalent to a full-year course.

## HIGH SCHOOL GRADUATION REQUIREMENTS

A minimum of 25 High School credits are required.

Minimum subject area requirements are as follows:

- English- 4 Credits
- Social Science- 3 Credits
- Science- 3 Credits
- Mathematics- 3 Credits
- World Language- 2 Credits
- Arts/Technology- 2 Credits