

Aviram Sustainability and Climate Program

The Aviram Sustainability and Climate Program offers a year-long, state-of-the-art curriculum designed for up to 20 exceptional undergraduate students in their last year of studies from across all schools on campus. The Program addresses the pervasive and most consequential challenges of our time: keeping humanity within the Planetary Boundaries and making the just transition to a zero-carbon future.

Program's purpose and structure

The Program is designed to empower emerging and established thought-leaders, decision-makers, and visionary entrepreneurs with comprehensive academic insights and practical skills essential for catalyzing the shift towards a carbon-neutral, ecologically resilient future.

Students engage with diverse and pressing issues including climate change, extreme weather events, plastic and chemical pollution, water scarcity, food insecurity, the energy crisis, deforestation, desertification, and biodiversity loss.

The Program consists of three core courses, including The Planetary Boundaries (3 credits), Environmental Change and Human Behavior (3 credits) and, Environmental Change and Emerging Technologies (3 credits), all taught in the first semester.

Upon completion of the three core courses, students will participate in a study tour to Europe, where they will visit leading scholars, scientists, entrepreneurs and business leaders.

In the second semester, students participate in the program's Sustainability Workshop, a semester-long capstone course (5 credits) where they will work in teams to develop a tangible solution, technological or otherwise, to an open-ended, real-world sustainability challenge. Student teams will be guided by industry experts and academic mentors.

In addition, students take part in unique master classes and seminars, including in Generative Artificial Intelligence (Gen. AI), Climate-Tech Feasibility Assessments and Investing, the Voluntary Carbon Market (VCM), Effective Communication and Storytelling, and Career and Vocational Development.

Graduates of the Aviram Program will join a network of alumni and associates working across all sustainability disciplines and domains.

For additional information visit our website at <https://www.runi.ac.il/en/special-programs/sustainability-excellence/> or send us a mail at: aviram.program@runi.ac.il

Program requirements

The program is open for exceptional students in their last year of studies from across all schools on campus. Participation in the program requires fluency in English and working knowledge of Hebrew, specifically listening, and basic reading comprehension. After application vetting, a

limited number of students are invited for case study interviews to determine their creative and problem-solving abilities.

Program of Studies – The Aviram Sustainability and Climate Program

Course Code	Course Name	Lecture Hours	Credits	Comments
5325	The Planetary Boundaries and Global Environmental Change	3*	3	7 meetings
5327	Environmental Change and Emerging Technology	3*	3	7 meetings
5328	Environmental Change and Human Behavior	3*	3	7 meetings
5329	Venture Development and Alternative Business Models	2*		3 meetings
5330	Capstone in Sustainability and Innovation	5**	5	11 meetings
5331	Effective Communication and Storytelling	2**		4 meetings
5332	Generative Artificial Intelligence	1**		4 Meetings
5357	Core and Soft Skills Development	2**		4 meetings
5484	Smart Operations for Entrepreneurs	1*		2 meetings

5986	Study Tour	1*	1
5987	Study Tours in Israel	1*	1
Total Semester Hours			16

* First Semester Course

** Second Semester Course

*** Year Long Course