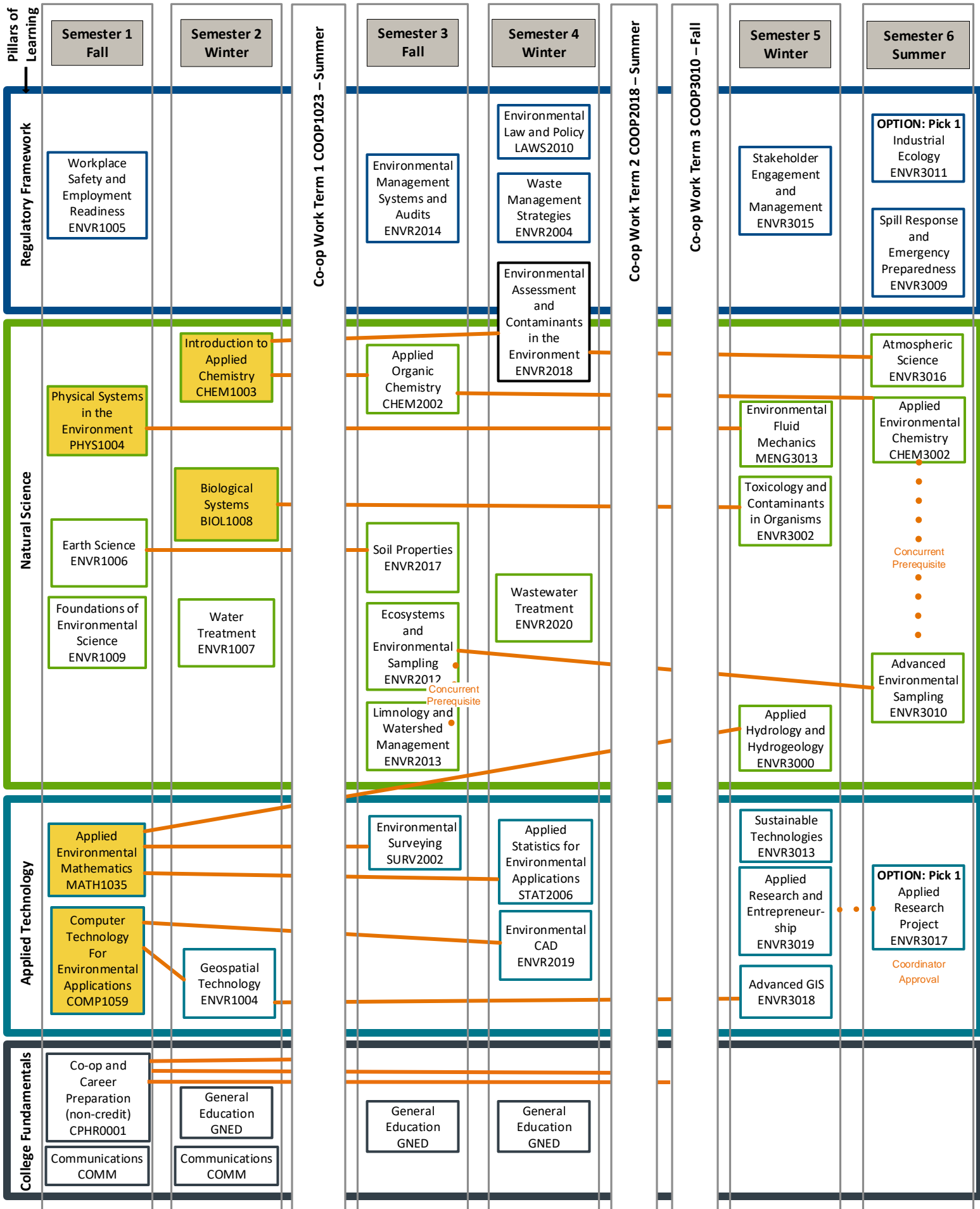# Georgian College's Environmental Technology and Technician Visual Program Map (Version: May 2021)

Pillars of Learning

	Semester 1 Fall	Semester 2 Winter	Co-op Work Term 1 COOP1023 – Summer	Semester 3 Fall	Semester 4 Winter	Co-op Work Term 2 COOP2018 – Summer	Co-op Work Term 3 COOP3010 – Fall	Semester 5 Winter	Semester 6 Summer

Regulatory Framework

- Workplace Safety and Employment Readiness ENVR1005 (Semester 1)
- Environmental Management Systems and Audits ENVR2014 (Semester 3)
- Environmental Law and Policy LAWS2010 (Semester 4)
- Waste Management Strategies ENVR2004 (Semester 4)
- Environmental Assessment and Contaminants in the Environment ENVR2018 (Semester 4)
- Stakeholder Engagement and Management ENVR3015 (Semester 5)
- OPTION: Pick 1 Industrial Ecology ENVR3011 (Semester 6)
- Spill Response and Emergency Preparedness ENVR3009 (Semester 6)

Natural Science

- Physical Systems in the Environment PHYS1004 (Semester 1)
- Earth Science ENVR1006 (Semester 1)
- Foundations of Environmental Science ENVR1009 (Semester 1)
- Introduction to Applied Chemistry CHEM1003 (Semester 2)
- Biological Systems BIOL1008 (Semester 2)
- Water Treatment ENVR1007 (Semester 2)
- Applied Organic Chemistry CHEM2002 (Semester 3)
- Soil Properties ENVR2017 (Semester 3)
- Ecosystems and Environmental Sampling ENVR2012 (Semester 3)
- Limnology and Watershed Management ENVR2013 (Semester 3)
- Wastewater Treatment ENVR2020 (Semester 4)
- Environmental Fluid Mechanics MENG3013 (Semester 5)
- Toxicology and Contaminants in Organisms ENVR3002 (Semester 5)
- Applied Hydrology and Hydrogeology ENVR3000 (Semester 5)
- Atmospheric Science ENVR3016 (Semester 6)
- Applied Environmental Chemistry CHEM3002 (Semester 6)
- Advanced Environmental Sampling ENVR3010 (Semester 6)

Concurrent Prerequisite (between ENVR2012 and ENVR2013)

Concurrent Prerequisite (between CHEM3002 and ENVR3010)

Applied Technology

- Applied Environmental Mathematics MATH1035 (Semester 1)
- Computer Technology For Environmental Applications COMP1059 (Semester 1)
- Geospatial Technology ENVR1004 (Semester 2)
- Environmental Surveying SURV2002 (Semester 3)
- Applied Statistics for Environmental Applications STAT2006 (Semester 4)
- Environmental CAD ENVR2019 (Semester 4)
- Sustainable Technologies ENVR3013 (Semester 5)
- Applied Research and Entrepreneurship ENVR3019 (Semester 5)
- Advanced GIS ENVR3018 (Semester 5)
- OPTION: Pick 1 Applied Research Project ENVR3017 (Semester 6)

Coordinator Approval (ENVR3017)

College Fundamentals

- Co-op and Career Preparation (non-credit) CPHR0001 (Semester 1)
- Communications COMM (Semester 1)
- General Education GNED (Semester 2)
- Communications COMM (Semester 2)
- General Education GNED (Semester 3)
- General Education GNED (Semester 4)

Legend:
- Foundation Courses =
- Prerequisites =