

**UVM Fall 2020/Spring 2021  
Senior Capstone Design Projects**

Team #	Project Name	Project Description
1	Mad River Waitsfield Bridge Flood Mitigation	Mitigating the flood hazard to this historic covered bridge and adjacent village area
2	Warren Covered Bridge Flood Mitigation	Mitigating the flood hazard to this historic covered bridge and adjacent village area
3	Otter Creek Wetland Restoration	Restoring former farmland to riverside shrub wetland by altering drainage ditches
4	Randolph Meetinghouse Sustainability Design	Protecting this 220 year old timber frame with structural, site and foundation drainage, and fire protection improvements
5	EPA Campus Rainworks-Stormwater Blue Team	Master planning for sustainable stormwater mitigation for 100-acre main (north) campus
6	EPA Campus Rainworks-Stormwater - Aqua Team	Sustainable stormwater design for the Redstone Green area - the last UVM campus parcel without stormwater mitigation
7	Kent's Corner Barn	Protecting this historic timber frame for structure and fire resiliency and more active use
8	Kent's Corner Inn and Store	Historic structure improvements for accessibility, sustainable energy use, and preserving the timber framing from interior moisture
9	Aldrich Sawmill	Designing a penstock water recirculation system for demonstrating an early horizontal turbine powered sawmill without stream impacts
10	Microplastics pollution mitigation	Mitigating microplastic pollution in water as generated through washing synthetic fabrics
11	Atkins Field Granite Shed	Restoring a 150 year old timber granite manufacturing shed for community use in a flood hazard area
12	Atkins Field Community Building and Parking	Designing a community center/food pantry building with expanded parking in a flood hazard area
13	Forested Multi-Use Trail Design	Designing a sustainable multiple-use trail through rugged forested terrain in Burlington