

The uOttawa RoboBoat team is a division of Ottabotics, the University of Ottawa's robotics club. RoboBoat is one of three international competition teams operating under Ottabotics.

The team was formed in late 2016, shortly after Ottabotics was founded. As this would be the first time Ottabotics (or any University of Ottawa team) would compete in the RoboBoat competition, the vehicle had to be designed from the ground up. After months of research, reviewing previous teams' journal papers, and simulations, a comprehensive vehicle started to take shape.

As work continued, the team started to gain momentum, drawing in more interested students and attention from faculty members . Today, the uOttawa RoboBoat team is proud to be supported by over 35 active members split between three subteams, several professors and graduate students, and sponsors from all over North America.

The team is organized by discipline, with the three dominant fields being electrical, mechanical, and software. The electrical team designed and built the electrical resource management systems and implemented many of the vehicles safety features. The mechanical team was responsible for the conception and construction of the structural and moving parts of the vehicle. The software team developed and implemented the architecture and autonomous logic responsible for the overall behaviour of the vehicle.

Each team worked in harmony with one another and the finished product is a vehicle that has been given special attention in all aspects of its design; from hydrodynamics right down to the smallest sensor.