

UNISUS MOTORSPORTS ACADEMY



In Partnership With

KARTPLEX

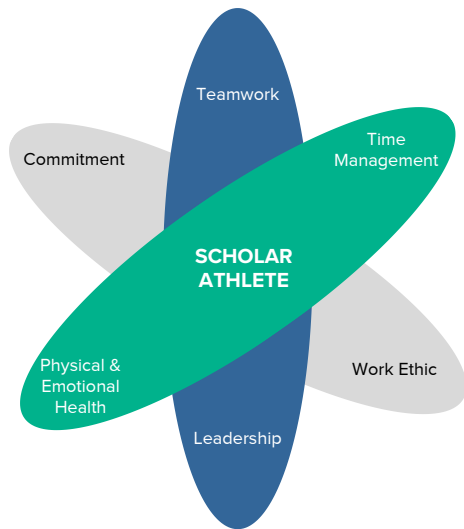
AREA 27
Motorsports Park

 **UNISUS**

INNOVATION
IN EDUCATION

SCHOLAR-ATHLETE PROGRAM OVERVIEW

World Class **Education** + High Performance **Athletics**



UNISUS Scholar-Athlete Profile

The UNISUS Scholar-Athlete program combines a world-class education with a holistic, focused approach to sports. The program is designed for students who aspire to reach high-performance or advanced levels in their athletic pursuits as well as successful academic achievements.

UNISUS Scholar-Athletes develop essential skills such as resilience, heightened accountability, and unwavering dedication towards achieving their goals and objectives. These skills not only benefit them in sports, but they also have a profound impact on their overall personal growth and success.

Key benefits of the **Scholar-Athlete** Program

Academic Pathway

- Pathways to graduation enables students to achieve their highest potential academically. Scholar-athletes can graduate with an IB and /or DP enriched B.C. High School Diploma.
- The IB and B.C. High School Diplomas are globally recognized by top universities. Graduates are considered for early admissions and/or scholarships.
- UNISUS graduates are confident, capable learners prepared to take on the challenges of post-secondary education.

Athlete Development

- Holistic athlete development includes physical strength and conditioning, mental focus, nutrition, and achieving high performance on the race track.
- Focused dry-land training and on-track training led by qualified sports therapists and coaches.
- Individualized training plans and performance reports supported by analytics and video.
- Career pathways development within the sport, university application and offer management with a focused approach to athlete brand development.



MOTORSPORTS PROGRAM OVERVIEW

Have you dreamed about a career in the exciting world of motorsports as a professional or driver? Join the only program in the world which combines a motorsports racing academy with a world class education.

UNISUS School has partnered with KARTPLEX to offer a holistic, one of a kind, and year-round development program of motorsport enthusiasts. Whether pursuing a dream to be a professional racing driver, or as a valued member of the diverse professional field associated with professional racing, this program prepares scholar-athletes to develop the resilience, confidence, mental focus, self leadership and the drive to succeed. They learn to be part of a team and develop a foundation for future career opportunities in motorsports racing and related fields.

The program brings together an innovative approach to education, decades of experience in the motorsports profession, and proven methods to develop the physical and mental skills required to succeed. This combination makes the UNISUS Motorsports Academy a unique program for aspiring motorsports athletes and professional to pursue their dreams through a holistic development program.

Whether the student's aspiration is to compete nationally in kart racing or to rise to the pinnacles of professional motorsports racing, the program is designed to provide both the academic and athlete training platform to enable aspiring motorsports enthusiasts to pursue their dreams.

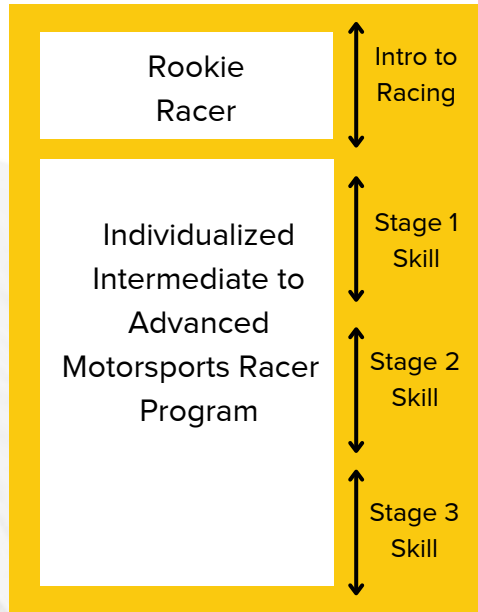
Key Principle of the UNISUS Motorsports Academy

- **We don't ride on luck** - Integrating the experience of previous Formula 1 and kart racing champions, The program is intentionally designed to activate a formula for motorsports success.
- **Less is more** - Racing just to race is not our approach. Off-track training and deep skill development are central to developing the mental and technical skills required to win.
- **No trade off** - Athletes no longer have to sacrifice quality education to pursue their dreams in motorsports. The UNISUS Scholar-athlete program balances academics and athletics to ensure success in academics and motorsports.
- **Year round training**- The program offers intensive training 12 months of the year; including winter off-season training to focus on skills and technique development. The winter off-track program which includes simulator training is a key component to producing success.
- **Preparing for future success** - The program aims to equip scholar-athletes with skillsets and mindsets needed to excel, on and off the race track. The focus is on building foundations that prepares the scholar-athlete to succeed in life, no matter where their journey takes them.

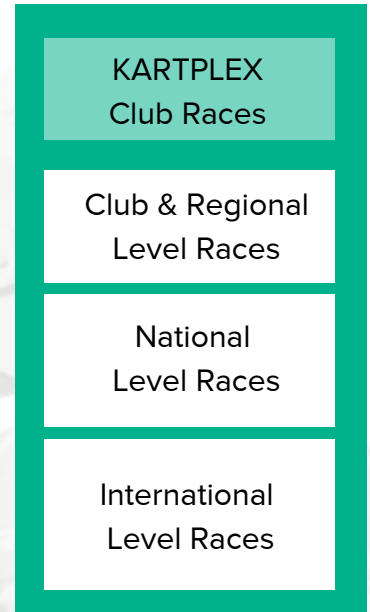
MOTORSPORTS ACADEMY PATHWAYS

UNISUS Motorsports Academy

Gr.4 - Gr.12
Multi-pathways
to graduation



Kart Racing



Apply for entry into
the best universities
globally

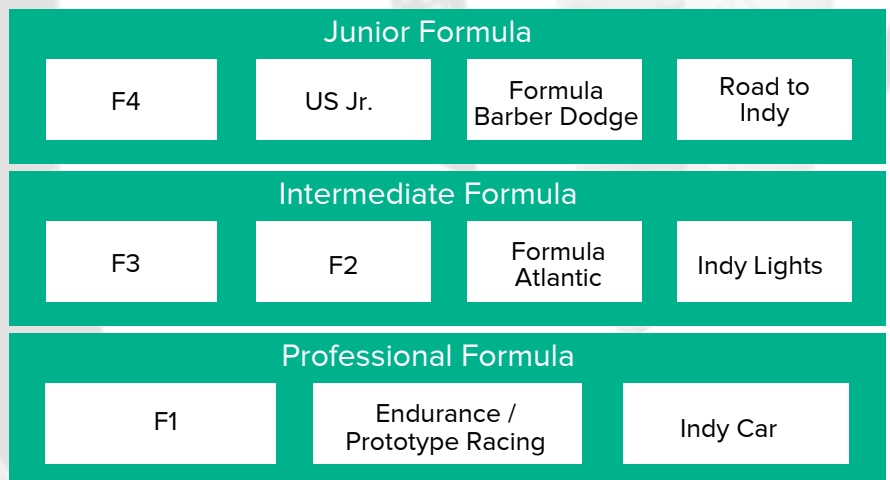
Earn placement in
F4 Training in France
Compete for Jr Formula
F4 entry (Ages 15+)

Motorsports Professional

Motorsports
Professional:

- Team management
- Coaching
- Engineer
- Marketing
- Sports therapy
- Data scientist
- Etc.

Professional Motorsports Racing



“It is our mission to make The UNISUS Motorsports Academy THE place to become a successful motorsports professional” - Craig Finer, Founder of KartPlex

MOTORSPORTS PROGRAM SKILL LEVELS



Stage 1



Stage 2



Stage 3

Racing Skills	<ul style="list-style-type: none"> • Basic kart control • Racing line basics • Braking/throttle control • Proper steering inputs 	<ul style="list-style-type: none"> • Advanced kart handling • Mastering cornering techniques • Real time grip-level adaption 	<ul style="list-style-type: none"> • Perfecting kart control • Advanced, reflexive traction sensing w/o need for thinking
Technical Skills	<ul style="list-style-type: none"> • Basics of kart engineering • Kart setup adjustments (tire pressure, gear ratio,+) and kart set up feedback (over & understeer) 	<ul style="list-style-type: none"> • Kart setups for different track conditions (axle stiffness, seat position, rear width, front width) • Intermediate kart setup feedback (snap oversteer, grip levels) 	<ul style="list-style-type: none"> • Advanced kart setup • Full understanding of kart dynamics (chassis flex, tire sidewall flexion, slip angle, etc.)
Race Strategy & Tactics	<ul style="list-style-type: none"> • Basic Racecraft skills (when to overtake vs. work together vs. defend) • Intro defensive driving • Overtaking basics 	<ul style="list-style-type: none"> • Intermediate Racecraft skills (timing overtakes, defending positions) • Basic tire management skills • Adapting strategies mid-race 	<ul style="list-style-type: none"> • Advanced Racecraft skills (controlling from the lead, overtakes under pressure) • Full tire management skills • Real time strategy changes without cognitive resistance
Physical & Mental Conditioning	<ul style="list-style-type: none"> • Building base-level physical endurance • Focus under pressure 	<ul style="list-style-type: none"> • Completing multi-day race events without tiring • Capable of a focal reset • Has an inventory of mental signals and mental noises 	<ul style="list-style-type: none"> • Zero fatigue in toughest race event • Mental visualization and race preparation techniques • Acute ability to control focus in high-pressure situations
21st Century Skills	<ul style="list-style-type: none"> • Critical thinking • Communication • Collaboration/team player • Mindfulness 	<ul style="list-style-type: none"> • Curiosity/Creativity • Courage • Resilience • Ethics 	<ul style="list-style-type: none"> • Leadership • Metacognition • Growth mindset • Self-responsibility / accountability
Milestones	<ul style="list-style-type: none"> • Complete first regional-level races • Gain consistency in lap times on dry track • Self-discipline through awareness of focus • Taking responsibility for growth 	<ul style="list-style-type: none"> • Complete national races • Gain moderate consistency in all track conditions (wet, dry, high-grip, low-grip) • Strong sense of courage and confidence • Team player/communication • Motorsports ethics 	<ul style="list-style-type: none"> • Complete international championship race • Gain advanced consistency in all track conditions and engine formats • Growth mindset, continuous improvement • Leadership, resilience in face of failure and adversity

MOTORSPORTS ACADEMY PROGRAMS

The UNISUS Motorsports Academy is designed for elite motorsports enthusiasts who are ready to pursue their motorsports dream. The program is designed for scholar-athletes and families who are prepared to dedicate time, resources, and unwavering commitment to reach the elite echelons of the racing world. The program requires dedication, self-leadership, and personal discipline. For those new to the sport or in the process of learning more, we offer an introductory to motorsports program that exposes the scholar-athlete and their families to the world of racing.

Rookie Racers Program

The Rookie Racer program is an introduction to kart racing. It offers interested students an opportunity to learn more about the sport and to develop fundamental skills needed to enter the UNISUS Motorsports Academy. Options are available as 8 week spring or fall programs or summer camp intensives. Please inquire to motorsports@unisus.ca for more information.

Individualized Motorsports Academy Program

The Motorsports Academy level programs are designed for competitive scholar-athletes participating in regional, national, and international kart racing levels. The programs run from September to June with some racing commitments over the summer months. Scholar-athletes participating in the summer program may elect to stay on campus and take part in training sessions held at the Kartplex facility in Oliver and the UNISUS campus in Summerland.

Target ages: 9-18 years old, with prior karting experience

Key Program Elements

- **On track skills:** Advanced on track racing skills development on our state-of-the-art karting facilities, including individualized coaching.
- **Simulator training:** State-of-the-art simulator training for additional practice and technique refinement during the winter.
- **Classroom and speaker series** covering racing strategies, kart maintenance, video performance analysis, racing team roles and management, NIL/online presence management, nutrition, strength and conditioning, and sport psychology.
- **HeroLab mental focus** and reflexes training for that competitive advantage in a race setting and mental focus in all aspects of life.
- **Competition** is a required core element of the program from the club, regional to international level.
- **Kart options:** Lease or own options are available. Kart storage and maintenance can be arranged with KARTPLEX.

MOTORSPORTS PROGRAM SCHEDULE

The UNISUS Motorsports Academy schedule is designed to enable successful academic advancement with successful athletic progression. All Scholar-Athletes are required to maintain academic competence consistent with their grade level. Teachers monitor academic progress and reassign off-track and on-track training time accordingly to ensure academic progress is met.

Example Schedule

Monday**	Tuesday	Wednesday**	Thursday	Friday*
Arrival 08:00-8:20				
Academics 8:30-10:10				
Break 10:10-10:30				
Academics 10:30-13:00				
Bus to Track 13:00-14:15	Lunch 13:00-13:40	Bus to Track 13:00-14:15	Lunch 13:00-13:40	Lunch 13:00-13:40
Track Training 14:15-17:15	Academics 13:40-15:30	Track Training 14:15-17:15	Academics 13:40-15:30	Drylands 13:40-14:40
	Multi-Sport 15:30-16:30		Multi-Sport 15:30-16:30	Bus departs UNISUS 14:40
	Bus departs UNISUS 16:30		Bus departs UNISUS 16:30	
Bus to UNISUS 17:15-18:30		Bus to UNISUS 17:15-18:30		

* Advanced Racers are scheduled for track training on Fridays in addition to Mondays and Wednesdays.

** During the off-track winter season, students remain at UNISUS campus, with lunch ending at 13:40 and classroom and dry land training from 13:40-16:30.

***Schedules and annual calendar are subject to change

Sample Annual Calendar

KartPlex Facility	UNISUS Campus	KartPlex Facility	
Aug-Nov	Nov-April	April-June	July
On-track Training	Off-track/simulator/classroom Training	On-track/Competition	Extended Racing

MOTORSPORTS PROGRAM **ADDITIONAL INFORMATION**

2024-25 is the inaugural year for the UNISUS Motorsports Academy. We are committed to demonstrating the outcomes of the program over the year, both in terms of athletic advancement and academic progress.

Commitment Agreement

All students agree to the UNISUS Behaviour Policy and to uphold their academic performance as a priority. Parents participate in monthly academy meetings.

Detail Inquiry

If you have questions on the program please email us at Motorsports@unisus.ca

Equipment storage

All Karts will be stored at the KartPlex facility at Area 27. Personal racing gear and other items can be stored at the UNISUS campus.

Transportation


Transportation between UNISUS and KartPlex facilities will be provided by UNISUS.


CONTACT US TODAY!!



 motorsports@unisus.ca

 www.unisus.ca/enrichment/scholar-athlete/motorsports-academy

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Book a tour or contact us to configure an individualized academy program