



课程设有实习
With Internship

水产养殖管理

Aquaculture Management (SIMAS)

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2 年课程 Years Course

▲ 80% 实践训练
80% Practical Skills

▲ 20% 理论
20% Theory

▲ 教学媒介语以中文为主，
英文为辅
Medium of Instruction:
Chinese & Simple English

▲ 16 岁以上即可报读，
无需入学资格
Entry Requirement:
16 Years Old & Above

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本课程为因应水产养殖管理领域的发展趋势，并为有志于投身该行业的学生而设：

This qualification was developed to keep pace with the development of the Aquaculture Management sector (SIMAS), and for candidates who want:

掌握水产养殖管理的核心知识与技术，成为水产养殖场经理、养殖技术员、渔业企业家、质量控制专员、餐馆营业者等。

To gain essential knowledge and techniques in aquaculture management, preparing for careers as aquaculture farm managers, aquaculture technicians, fisheries entrepreneurs, quality control specialists, restaurant operators, and more.

两年的水产养殖管理专业技职课程为学生提供水产养殖技术、生态管理、水质控制、养殖运营、市场营销、财务管理以及实际案例分析的实践知识与技能，全面提升学生在水产养殖行业的就业与创业能力。

The two-year Vocational Course in Aquaculture Management provides students with hands-on knowledge in aquaculture techniques, ecological management, water quality control, aquaculture operations, marketing, financial management, and practical case studies to enhance their employability and entrepreneurial capabilities in the aquaculture industry.

学生将学习 / Students will learn and be able to:

▲ 掌握水产养殖管理的基本原理、功能、应用及策略，培养学生在水产养殖行业中的竞争力，为未来从事渔业管理、养殖规划和市场拓展等领域奠定坚实基础。。

Gain a comprehensive understanding of the principles, functions, applications, and strategic methods of aquaculture management. This equips students with the skills needed to enhance their competitiveness in the industry and lays a strong foundation for careers in fisheries management, aquaculture planning, and market expansion.

▲ 了解可持续水产养殖策略，以适应不断变化的市场需求并促进长期行业发展。

Develop sustainable aquaculture strategies to adapt to evolving market demands and support long-term industry growth.

▲ 识别水产养殖机会，并将创新想法转化为可行的水产养殖项目。

Identify opportunities in aquaculture and transform innovative ideas into viable aquaculture ventures.

▲ 掌握水产养殖的核心知识，包括水质管理、饲料营养、生物安全、疾病防控、渔业资源管理、养殖设施设计、运营管理以及市场拓展等内容，同时学习如何利用现代科技优化水产养殖流程。

Master key aspects of aquaculture, including water quality management, feed nutrition, biosecurity, disease prevention, fisheries resource management, aquaculture facility design, operational management, and market expansion. Additionally, students will learn to utilise modern technology to optimise aquaculture processes.

▲ 规划完整的水产养殖项目，包括市场分析、财务预测、生产运营策略，以促进水产养殖业务的发展。

Develop comprehensive aquaculture project plans, including market analysis, financial forecasting, and operational strategies, to support the growth of aquaculture businesses.

课程内容 | COURSE OUTLINE

- 生态农业概论
Introduction to Ecological Farming
- 水产养殖程序与收获
Procedures and Harvest in Aquaculture
- 水产养殖项目管理
Project Management in Aquaculture
- 沟通策略：公开演讲与展示技能
Communication Strategy: Public Speaking and Presentation Skill
- 水生管理病理学
Management Pathology in Aquatic
- 商业法律、商业环境中的伦理与可持续性
Business Law, Ethical and Sustainable in Business Environment
- 水产养殖过程管理
Management in Aquaculture Process
- 商业运营与沟通
Business Operations and Communication
- 认证与生物安全系统概论
Introduction to Certification and Biosecurity Systems
- 与工作相关的软技能
Work-Based Soft Skills
- 水产养殖经济学
Aquaculture Economics
- 理想农场良好实践规划
Planning Good Practices on Dream Farm
- 办公生产力基础
Office Productivity Fundamentals
- 财务与管理会计
Financial and Management Accounting
- 鱼场管理
Fish Farm Management
- 职场英语沟通
Workplace English Communication
- 适宜水产养殖场原则
Principles of Suitability Aquaculture Farms
- 水产养殖创业
Entrepreneur in Aquaculture
- 水产养殖水质控制
Water Quality Control of Aquaculture
- 水产养殖电子系统
E-System in Aquaculture
- 渔业科学
Fisheries Science
- 人力资源管理
Human Resource Management
- 马来西亚水产养殖政府部门
Malaysia Government Department in Aquaculture
- 市场营销与销售技巧
Marketing and Sales Techniques
- 技术创业：从概念到市场
Technopreneurship: Conception to Market
- 水产养殖种苗资源管理
Aquaculture Seed Resource Management
- 水产养殖场的协调与维护服务(实习)
Coordination and Maintenance Service in Aquaculture Farm (Internship)

* Please note that the modules listed are indicative and may be subject to change.



评估标准 | ASSESSMENT

100%作业及实践练习，本课程提供水产养殖管理的理论20%与实践80%，聚焦于工作场所的实际应用。

鼓励团队合作，让学生学会分组合作或单独工作以完成专题作业。

100% assignment and practical exercise. The course offers both the theory (20%) and practice (80%) of Aquaculture Management, with a focus on the practical application of these skills in the workplace.

Teamwork is encouraged and students learn to work in groups or individual to complete their projects.



考取资格 | QUALIFICATIONS

英国国立西苏格兰学院专业文凭

Diploma awarded by West College Scotland, UK

英国国立西苏格兰学院高级专业文凭

Advanced Diploma awarded by West College Scotland, UK



就业前景 | CAREER PATHWAYS

水产养殖场经理、水产养殖技术员、渔业企业家、水产质量控制专员、水产养殖顾问、渔业资源管理人员、水产销售与市场专员、食品安全与监管专员、供应链与物流协调员、水产养殖设备与技术开发专员、海鲜餐馆营业者等。

Aquaculture Farm Manager, Aquaculture Technician, Fisheries Entrepreneur, Aquatic Quality Control Specialist, Aquaculture Consultant, Fisheries Resource Manager, Seafood Sales and Marketing Specialist, Food Safety and Regulatory Officer, Supply Chain and Logistics Coordinator, Aquaculture Equipment and Technology Developer, Seafood Restaurant Operator, and more.



培育拥有室内海产养殖生态坚实理论基础和实践经验的毕业生。
To provide a solid foundation in the theory and practice of
marine and aquaponic systems.



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