



University of Ruhuna

**Faculty of Fisheries and Marine
Sciences & Technology**

Student Handbook 2018

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Vision and Mission Statements of the University

Vision

Be the prime intellectual thrust of the nation

Mission

Advance knowledge and skills through teaching, research and services to serve the society

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University of Ruhuna

1.1 Introduction

University of Ruhuna was established on 1st September 1978, as Ruhuna University College by a Special Presidential Decree. Currently, University of Ruhuna constitutes with ten faculties, namely Agriculture, Allied Health Sciences, Engineering, Fisheries and Marine Sciences & Technology, Graduate Studies, Humanities and Social Sciences, Management & Finance, Medicine, Science and Technology.

Faculties of Humanities and Social Sciences, Fisheries and Marine Sciences & Technology, Management & Finance, Science and Graduate Studies are located at the main University premises at Wallamadama (Matara). Faculties of Agriculture and Engineering are located in Mapalana (Kamburupitiya) and Hapugala (Galle), respectively. Faculties of Medicine and Allied Health Sciences are located in Karapitiya (Galle). The Faculty of Technology is temporarily located at the Wellamadama premises until the completion of the construction of buildings at Kamburupitiya. The central administration unit of the University is also located at the Wallamadama University complex.

The University offers Bachelor, Master and Doctorate degrees in their respective disciplines. In addition, many Diploma and Certificate courses are conducted in various disciplines.

At the first commencement of the Bachelors' degree programmes at University of Ruhuna in 1978, a total of 272 students were enrolled and by the year 2017 it has reached to 9050 students, across nine faculties (Table 1.1), recording a fast growth of the University during the past four decades.

Table 1.1 Distribution of students among the nine faculties
(As at 31.12.2017).

Name of the Faculty	No. of Students
Agriculture	972
Engineering	1120
Fisheries and Marine Sciences & Technology	169
Humanities and Social Sciences	2062
Management and Finance	1802
Medicine	1001
Science	1310
Allied Health Sciences	345
Technology	269
Total student population of the University	9050

1.2 Location of the University

Main campus of the University of Ruhuna is located 4 Km away from Matara along the Colombo Hambantota (A2) main road. Matara (Sinhala: මාතර Tamil: மாத்ரஹை) (originally Mahathota) is a city on the southern coast of Sri Lanka, 160 km away from Colombo. Historically, Matara belongs to the area called Ruhuna, one of the three kingdoms in ancient Sri Lanka. According to the Mahawansa historical chronicle, first Indians who arrived to the island settled in the area, along the banks of Nilwala River.

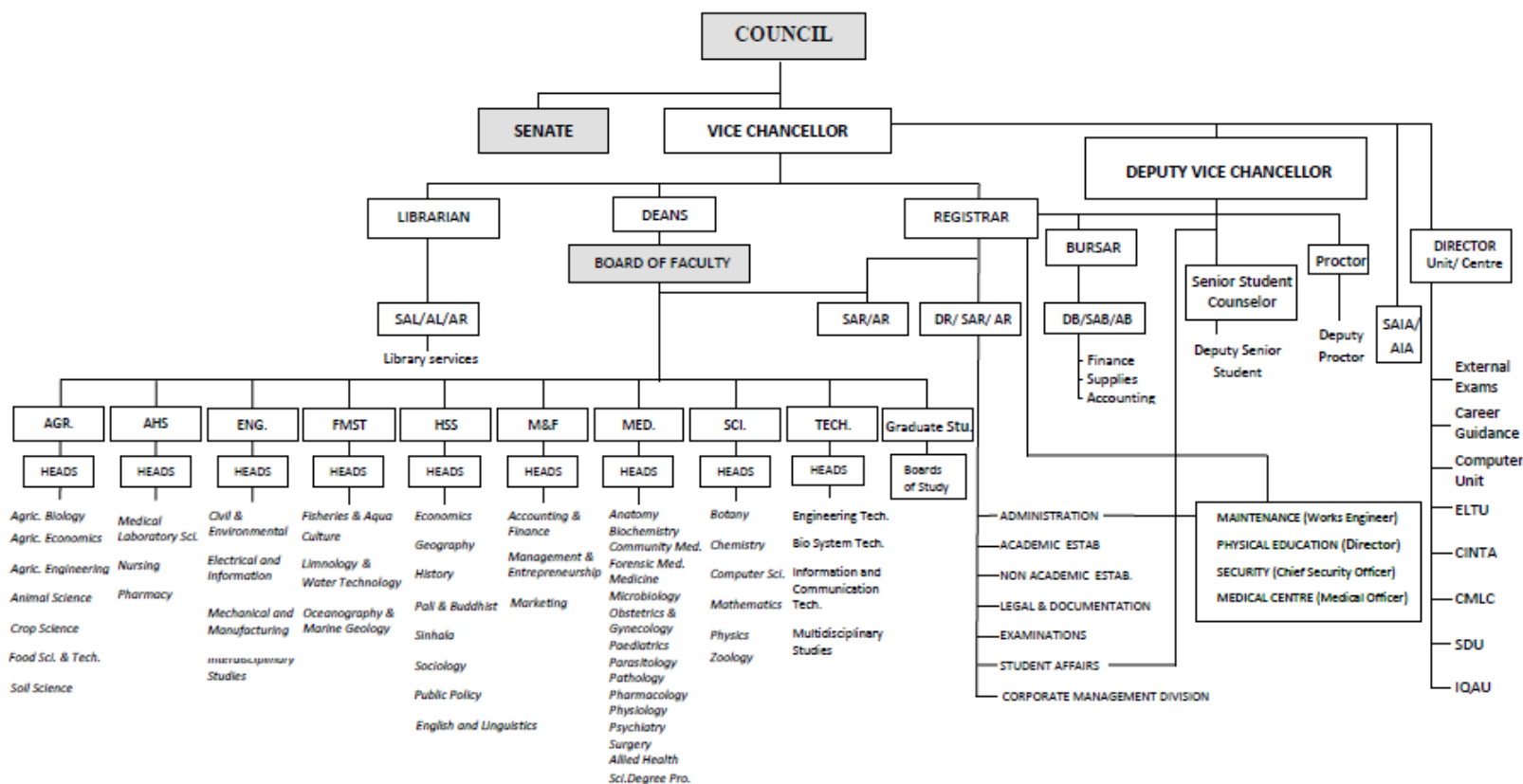
Traveling from Colombo to Matara can be made either by train or buses. There are only a limited number of trains but buses are available in every half an hour through the normal route or expressway. The journey through normal route takes about four hours from Colombo while only one and half hours through expressway. Matara is the last railway station where the railway lines end, and currently the last exit of the southern expressway.

University Site Map



Note: Faculty of Fisheries and Marine Sciences & Technology is currently established in its new building complex within the Wellamadam premises.

ORGANISATIONAL STRUCTURE OF THE UNIVERSITY



1.3 Officers of the University

Chancellor	<i>Venerable Rajakeeya Panditha Pallaththara Sumanajothi Nayaka Thero</i>
Vice- Chancellor	<i>Senior Professor Gamini Senanayaka</i> B.Sc., Agri. (Pera.), PhD (Copenhagen)
Deputy Vice Chancellor	<i>Dr. A.M.N Alagiyawanna</i> B.Sc. (EngHons) (Moratuwa), MEng (AIT), DEng (Nagaoka), C.Eng, MIE (SL)
Dean, Faculty of Agriculture	<i>Prof. KL Wasantha Kumara</i> B.Sc. Agric., MSc, PhD
Dean, Faculty of Allied Health Sciences	<i>Prof. T.S.D. Amarasena</i> MBBS (Ruhuna), DCH (Col.), MD (Paed-Col.), DCH (Syd.)
Dean, Faculty of Engineering	<i>Dr. P.D. Chandana Perera</i> B.Sc. Eng, PhD Eng, C.Eng, MIE (SL)
Dean, Faculty of Fisheries and Marine Sciences & Technology	<i>Dr. (Mrs.) H.B Asanthi</i> B.Sc. (Ruhuna), PhD (Montpellier, France)
Dean, Faculty of Graduate Studies	<i>Senior Professor (Mrs) M.V. Weerasooriya</i> MBBS (Pera), Dr.Med.Sci.(Parasitology) Kyushu University, Japan
Dean, Faculty of Humanities and Social Sciences	<i>Dr. Upali Pannilage</i> BA , M.Phil, PhD (Ruhuna), PG Dip. (Colombo)
Dean, Faculty of Management and Finance	<i>Dr. T.S.L.W. Gunawardana</i> BBA (Ruh, SL), MSc (Agder, Norway), PhD (Bodo, Norway)
Dean, Faculty of Medicine	<i>Prof. S.K.C. Wimalasundara</i> MBBS(Pera), DO (Colombo), PhD(Ruh)
Dean, Faculty of Science	<i>Prof. P.A. Jayantha</i> B.Sc. (Kelaniya, SL), M.Sc. (J'Pura, SL), Ph.D. (QUT, Australia)

Dean, Faculty of Technology

Senior Professor W.G.D. Dharmarathna
B.Sc. (Pera), MSc, PhD (Tufts, USA)

Librarian

Mr. Ananda Karunarathna
B.Dev.Studies (Statistics) (Colombo, SL),
Dip. Lib. & Inf. Science (Kelaniya, SL),
MSSc. (Kelaniya, SL)

Registrar

Mrs. P.S. Kalugama
BA (J'pura), MA (London), MBA(Ruh)

Bursar (Acting)

Mr. A.M.A Siriwardhana
B.Sc. (J'pura), ICASL (Inter Mediate)

1.4 Contact Information of the University

1.4.1 Postal Addresses

Main administration block of the University is located in Wellamadama. Also, Faculty of Fisheries & Marine Sciences & Technology, Faculty of Humanities & Social Sciences, Faculty of Management & Finance, Faculty of Science, Faculty of Graduate Studies are located in the Wellamadama.

University of Ruhuna,
Wellamadama, Matara,
81000,
Sri Lanka

Addresses of the other five Faculties are as follows;

Faculty of Agriculture

University of Ruhuna
Mapalana, Kamburupitiya,
81100, Sri Lanka.

Faculty of Engineering

University of Ruhuna
Hapugala, Galle,
80000, Sri Lanka.

Faculty of Medicine

University of Ruhuna
Karapitiya, Galle.
80000, Sri Lanka.

Faculty of Technology

University of Ruhuna
Karagoda-Uyangoda,
Kamburupitiya,
81100, Sri Lanka.

Faculty of Allied Health Sciences

University of Ruhuna
Godakanda,
Galle
Sri Lanka

1.4.2 Telephone and Fax Numbers of the University

	Telephone	Fax
Wellamadama Complex	+94(0)41222681-2 +94(0)412227001-4	+94(0)412222683
Faculty of Agriculture	+94(0)41229220	+94(0)412292384
Faculty of Allied Health Sciences	+94(0)912232896	+94(0)912232896
Faculty of Engineering	+94(0)912245765	+94(0)912245762
Faculty of Fisheries and Marine Science & Technology	+94(0)412227026	+94(0)412227026
Faculty of Humanities and Social Sciences	+94(0)412227010	+94(0)412227010
Faculty of Management & Finance	+94(0)412227015	+94(0)412227015
Faculty of Medicine	+94(0)912234730	+94(0)912222314
Faculty of Science	+94(0)412222701	+94(0)412222701
Faculty of Technology	+94(0)413006130	+94(0)413006130

1.4.3 Electronic Mail/Web

The university can be reached by electronic mail from anywhere in the world. The mail domain is *ruh.ac.lk*. The e-mail addresses of the academic staff and other offices are available in the University Web site: <http://www.ruh.ac.lk>.

1.4.4 Internal Telephone Numbers

Vice Chancellor	2000
Office	2101
Deputy Vice Chancellor	2001
Office	2137
Dean, Faculty of Fisheries and Marine Sciences & Technology Assistant Registrar	5101 5102
Dean, Faculty of Science	4101
Assistant Registrar	4102
Dean, Faculty of Humanities and Social Sciences	3101
Assistant Registrar	3102
Dean, Faculty of Management & Finance	3901
Assistant Registrar	3902
Dean, Faculty of Technology	4501
Assistant Registrar	4502
Dean, Faculty of Graduate Studies	2147
Senior Assistant Registrar	2160
Librarian	2210
Registrar	2110
Office	2109
Bursar	2150
Senior Assistant Bursar (Finance)	2108
Assistant Bursar (Finance)	2103
Senior Assistant Bursar (Supplies)	2115
Deputy Registrar (General Administration)	2120
Deputy Registrar (Examinations)	2130
Senior Assistant Registrar (Student Affairs)	2135
Senior Assistant Registrar (Academic Establishment)	2144
Senior Assistant Registrar (Non-Academic Establishment)	2140
Works Engineer	2145
Director, Physical Education	2223
Director, Internal Quality Assurance Unit	2153
Medical Officer	2121
Career Guidance Unit	2132
Chief Security Officer	2126
Office	2127

Faculty of Fisheries and Marine Sciences & Technology

2.1 Introduction

The Faculty of Fisheries and Marine Sciences & Technology houses three Departments, i.e, Department of Fisheries & Aquaculture, Department of Limnology & Water Technology, and Department of Oceanography & Marine Geology. The Faculty offers primarily undergraduate courses for the Bachelor of Science Honours (BScHons) in Fisheries and Marine Sciences, and Bachelor of Science Honours (BScHons) in Marine and Freshwater Sciences degree programmes of four-year duration (Sri Lanka Qualification Framework - Level 6). Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) research degrees are also available in relevant disciplines.

Vision

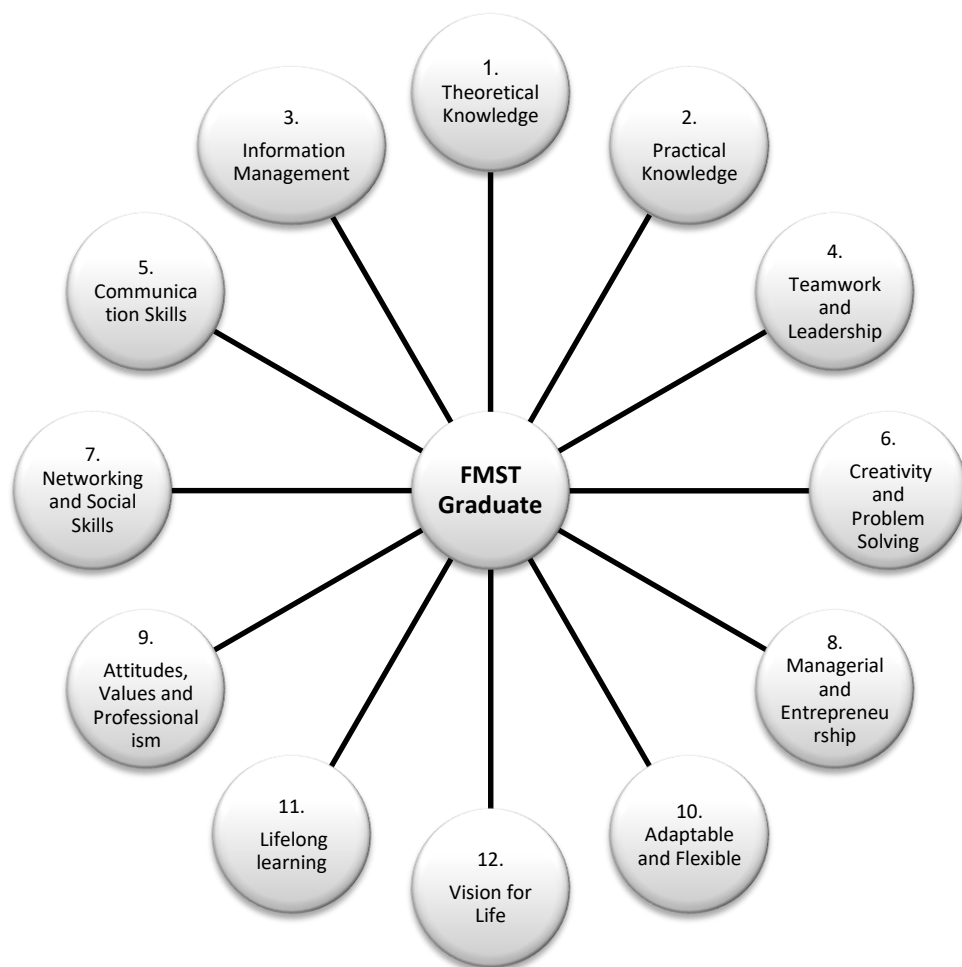
Vision of the Faculty is to be the center of excellence in Fisheries Science, Marine Science and Water Technology education and research in Sri Lanka.

Mission

Mission of the Faculty of Fisheries and Marine Sciences & Technology is to produce outstanding, internationally accredited graduates in the fields of Fisheries, Aquaculture, Limnology, Water Technology, Oceanography and Marine Geology.

Graduate Profile

Graduates of Faculty of Fisheries and Marine Sciences & Technology (FMST) are well equipped with theoretical and practical Knowledge to manage living and non-living resources in inland aquatic as well as marine environments, and possess attributes as depicted in the following chart.



- 1. Theoretical Knowledge** of FMST graduate is thorough and intact as the backbone supporting their role in aquatic, mineral and fishery resources management.

Graduates who followed Marine and Freshwater Sciences Degree essentially have the ability to explore and understand marine and freshwater systems, utilize the living and non-living resources in those environments sustainably, and mitigate natural and anthropogenic hazards related to those environments.

Graduates who followed Fisheries and Marine Sciences Degree essentially have the ability to explore and understand fishery resources both marine and freshwater, manage those resources minimizing conflicts with community and

other stakeholders, and develop and manage aquaculture systems assuring food security of the people.

2. **Practical Knowledge** turns theory into application, and is obtained through hands-on experience on scientific methods for environmental management.

Graduates who followed Marine and Freshwater Sciences Degree develop skills to measure quality status of marine and freshwater systems as well as the ground water; analyse the risks associated with the quality deterioration; apply drinking water and waste water treatment methods; manage pipe-borne water and irrigation water distribution; manage watersheds considering hydrological regimes and land use patterns; assess environmental impacts of anthropogenic activities; conserve aquatic ecosystems and biodiversity; and explore biological and mineral resources in the marine and freshwater systems.

Graduates who followed Fisheries and Marine Sciences Degree develop skills to assess fishery resources in both marine and freshwater systems; manage those resources minimizing conflicts with community and other stakeholders; conserve aquatic ecosystems and biodiversity; analyze genetic resources of aquatic biota; develop and manage different aquaculture systems; assess the quality of aquatic food products; develop post-harvest techniques for aquatic food products; and develop value added products from the fisheries and aquaculture harvest.

3. **Information Usage and Management** are essential skills they develop throughout the degree program which improve their analytical power and generate new knowledge by research.
4. They learn to complete the task in a **Teamwork** as well as to take **Leadership** in the team when necessary to reach their goal.
5. **Communication Skills** they acquire open the drain of their knowledge and experience to a wider and diverse community.
6. **Creativity** becomes an essential feature of their work, and **Problem Solving** attitude drives them over barriers of inland and marine environments seeking for better answers.

7. FMST graduates are well synchronised with their working environment and community as **Networking and Social Skills** are inherited in their degree program.
8. **Managerial skills** and **Entrepreneurship** they acquire well blended with theoretical and practical knowledge making them suitable for government and private sector employment as well as for the self-employment.
9. They reap good **Attitudes, Values and Professionalism** during their four-year journey. The result is well-bred, professionals to take managerial positions in different sectors of Natural Resource Management, and ultimately, responsible citizens.
10. Opportunities to work in harsh and diverse environments as well as in the industrial setup improve their **Adaptability and Flexibility** to be fit into any situation.
11. Once graduated, they know how to play the game without further classroom guidance as **Updating Self/ Lifelong Learning** has already become a part of them.
12. With a **Vision for Life**, they pass out, and always remain target oriented with well-balanced professional and personal lives.

2.2 Key Administrative Staff of the Faculty Office

Dean

Dr. H.B. Asanthi

asanthi@fish.ruh.ac.lk

+94(0)41 2227026

Ext. 5101

Assistant Registrar

Ms. D.M.H.C. Dasanayake

harindikad@yahoo.com

+94(0)41 2227026

Ext. 5102

Academic Regulations and Procedures

3.1 Admission Requirements

All applicants for the Bachelor Degree programmes in the Faculty of Fisheries and Marine Sciences & Technology must satisfy the general University admission requirements as laid down by the University Grants Commission, Sri Lanka. University Grants Commission does the selection based on the performance of students at the General Certificate of Education (Advanced Level) Examination.

Applicants with equivalent qualifications gained from foreign universities and transfer students referred by the University Grants Commission for admission to this Faculty shall be admitted only with the consent of the Faculty Board.

3.2 Registration

Students admitted to the Faculty are registered as full time students and he/she is required to maintain his/her registration during the total period of study in the Faculty. A student shall pay any fee prescribed by the University for registration during the period of study.

3.3 Subject Combinations and Registration for Course Units

Registration for all Course Units is compulsory. Students shall be registered for Course Units conducted by the Faculty two weeks before the end of previous semester. The Faculty has its own Management Information System (MIS) at <<http://paravi.ruh.ac.lk/fofmstmis>>. Every student shall get registration for Course Units online by logging in to the MIS with the User Name and Password provided by the Faculty. Only the registered students are allowed to sit for the end semester examination.

Any change of registered Course Unit or withdrawal of registration from a Course Unit shall be made within two weeks from the commencement of the academic programme. When the number of applicants for a particular Course Unit exceeds the available capacity, students will be chosen under a selection procedure specified by the respective Department.

All information regarding above matter is available at the office of the Dean, and the students are requested to contact the Assistant Registrar of the Faculty for further information.

3.4 Orientation Programme

All registered students in the Faculty should have to follow the Orientation Programme during two to three weeks period before commencing the academic semester of Level I. The Orientation programme focuses to give an idea about the structure and function of the University by introducing each Unit and Center of the University. Also, the programme provides chances to identify and develop personal abilities of the students.

3.5 Academic Calendar

The official academic calendar of dates approved by the Faculty Board is announced prior to the commencement of each academic year. Undergraduate courses will be conducted at 4 Levels, namely Level 1, Level 2, Level 3 and Level 4 in four academic years. The contents of subject matter in courses get progressively advance as the levels go higher.

One academic year consists of two semesters as Semester I and Semester II. The full Degree Programme will be of eight semesters. The Faculty will notify commencement of the academic years and semesters, with prior approval from the Faculty Board. A typical academic year shall be as in Table 3.1

Table 3.1 General academic calendar of the Faculty

First Semester	Weeks	Second Semester	Weeks
First half	8	First half	8
Mid semester break	1	Mid semester break	1
Second half	7	Second half	7
Study leave	2	Study leave	2
Examination	4	Examination	4
Vacation	2	Vacation	6
Total	24	Total	28

3.6 Subjects offered by the Faculty

During the first two years, a student shall take minimum of 60 credits under the Common Core Courses prescribed by the Faculty. After the Level II, undergraduates who have been registered for the BScHons in Fisheries and Marine Sciences Degree programme shall apply for the area of specialization in either Fisheries or Aquaculture. Undergraduates who have been registered for the BScHons in Marine and Freshwater Sciences shall apply for the area of specialization in either in Water Sciences & Technology or Oceanography & Marine Geology.

Each student shall select *Course Units* from the above subject areas and also have to follow the Foundation Courses named as FDN. Industrial &/or Field Training (FSH 4220, AQU 4220, LIM 4220, OCG 4220) is a compulsory non-credit Course Unit.

3.7 Course Units

A Course Unit is a selectively organized section of a subject. Course Units are of two types, namely, *Core Course Units* and *Optional Course Units*. Core Course Units consist of basic and essential subject matter. Optional Course Units contain specific areas, which would provide a diverse knowledge on a particular subject. Theory Course Units consists of lectures, assignments and tutorials. Practical Course Units are either laboratory based or field based studies of a particular subject. Combined Course Units consist of both theory and practical components. In addition, there are Course Units consisting of project work or training at different industries.

Foundation Courses (FDN) include 'English', Biomathematics, Computer Literacy and 'Information Literacy and Library skills'. FDN courses are offered as a foundation for the Bachelor of Science Honours in Fisheries and Marine Sciences, and Bachelor of Science Honours in Marine and Freshwater Sciences Degree programmes.

3.7.1 Credit Value of a Course Unit

The abstract value assigned to a Course Unit on the basis of student contact hours in a Course Unit is called a credit. Usually, one credit is equivalent to 15 hours of lectures and/or tutorials or 30 - 45 hours of laboratory work, field classes etc. Course Units of one credit to eight credits are available. For example, the contents of a three credit course unit will be approximately three times that of a Course Unit of one credit. A credit is a time based quantitative measure used to determine the contribution of a particular Course Unit (Table 3.2).

Table 3.2 Credit values and time allocation of different Course Units.

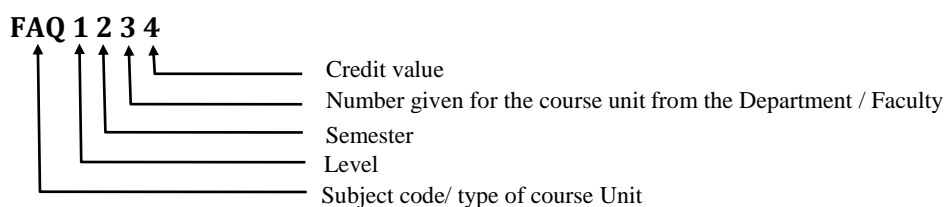
Description	Credit Value
Theory Course Units	
E.g. 15 hour Course Unit	01
30 hour Course Unit	02
45 hour Course Unit	03
Practical Course Units	
45 hour Course Units	01
Combined Course Units	
E.g. 30 theory hours + 45 practical hours	03
15 theory hours + 45 practical hours	02

3.7.2 Selection of Course Units

The Degree Programmes shall consist of Core Course Units (CCU) and the Optional Course Units (OCU) pertaining to each Degree programme. Each undergraduate should obtain minimum of 60 Credits from all Course Units offered by all three Departments during Levels I & II, excluding Credits from Foundation Course Units, where it is applicable.

3.7.3 Identification of Course Units

An alphanumeric code is used to identify a Course Unit. The code consists of four digits prefixed by a set of three letters denoting the subject/type of Course Unit as described by the example given below:



3.8 Foundation Course Units (FDN)

The structure of Foundation Course Units is given in the following Table.

Course Code	Topic	Theory hours	Practical hours	Compulsory/ Optional
FDN1111	Preliminary English I	15 hrs		Compulsory
FDN1121	Computer Literacy I	10 hrs	15 hrs	Compulsory
FDN1131	Snorkelling and Lifesaving	09 hrs	18 hrs	Optional
FDN 1142	Biomathematics	30 hrs		Compulsory
FDN1211	Preliminary English II	15 hrs		Compulsory
FDN1221	Computer Literacy II	10 hrs	15 hrs	Compulsory
FDN 2111	Intermediate English I	15 hrs		Compulsory
FDN2121	Computer Literacy III	10 hrs	15 hrs	Compulsory

FDN2211	Intermediate English II	15 hrs		Compulsory
FDN2221	Computer Literacy IV	10 hrs	15 hrs	Compulsory
FDN3111	Advanced English I	15 hrs		Compulsory
FDN 3122	Information Literacy & Library Skills	24 hrs	18 hrs	Compulsory
FDN 3211	Advanced English II	15 hrs		Compulsory

Management Information System (MIS) of the Faculty of Fisheries and Marine Sciences & Technology

The FOFMSTMIS is meant to assist management of the Information System of the Faculty of Fisheries and Marine Sciences & Technology. Its present version has been designed after a careful assessment of the requirements of the users of the system. The users are students, Dean, Heads of Departments, Lecturers, Assistant Registrar, Academic Supportive staff and Non-academic staff.

Users of the FOFMSTMIS can perform various different tasks. Every user is assigned a user name and a password to log—in to the system. However, for security reasons, Dean of the Faculty of Fisheries and Marine Sciences & Technology creates all user accounts. Students must change the given temporary password at the first time they login to the system.

All students must use FOFMSTMIS to register for course units and examinations. There are many facilities for students in FOFMSTMIS, such as viewing own course units they have been registered, attendance of classes, eligibility for examinations, results and notices etc. Changes in course unit registrations are allowed within the specified time limit at the beginning of the semester. All students must complete and update their personal information page.

4.1 Registration for Course Units

The students will be informed to register for course units before the beginning of a new semester. The date and time duration for registration will be announced by the Dean's office. After the deadline students are not allowed to change Course Units they registered. Students who did not register for Course Units during the given period are not allowed to register for examination of those course units. However, they can register for the examination in the following year as a repeat student. It is a responsibility of the student to register for Course Units on time.

4.2 Registration process

1. Start Registration: The relevant time periods will be announced by the Deans Office for students to register/ drop course units.

2. Close the Registration: The system will be closed for students after the given time period and student will not be allowed to register through the FOFMSTMIS after the closing dates.
3. Change of Registration: After the closing date of registration, students are allowed to modify Course Units registered through the Dean's office within a given period, generally two weeks from the beginning of the Semester.
4. Confirmation: Registration for Course Units will be confirmed by the Dean's office and the confirmation of each Course Unit can be seen in the system. This confirmation indicates that the registration is successful. If any Course Unit is not confirmed, the students are advised to contact AR/ Fisheries and Marine Sciences & Technology at the Dean's office.

4.3 Attendance

Students' attendance for Course Units they registered can be viewed. It contains daily attendance, number of medical submissions and current attendance percentage for the Course Units. A student must maintain an 80% attendance for classes in order to be eligible to sit for the examination of the respective Course Unit.

4.4 Registration for Examinations

All students are advised to register for examinations before the deadline as the dates are announced by the Deans office. Students can register for examinations of registered Course Units only. A student who registered to repeat an examination should submit the relevant paying voucher to the Dean's Office to obtain the conformation.

After the registration for examinations is completed the eligibility for each course unit, which depends on the percentage of attendance (80%), will be displayed in the system. It is the responsibility of the student to register for examinations.

4.5 Result of Examinations

The released results of Course Units will be posted on the system. The students can view the results of a given Course Unit or all results of past examinations after login to their accounts.

4.6 Notices

The notices relevant to students will be posted on FOFMSTMIS. It is responsibility of students to read the notices.

- Web Address for the FOFMSTMIS : [http:// paravi.ruh.ac.lk/fofmstmis](http://paravi.ruh.ac.lk/fofmstmis)

Department of Fisheries and Aquaculture

5.1 Introduction

Department of Fisheries & Aquaculture is one of the three Departments within the Faculty of Fisheries and Marine Sciences & Technology, which conducts the courses related to all fields of Fisheries and Aquaculture for undergraduates who register for the Bachelor of Science Honours in Fisheries and Marine Sciences Degree programme and the Bachelor of Science Honours in Marine and Freshwater Sciences Degree programmes.

The course modules have been designed targeting the needs of the country and considering the demands of the relevant industries. Facilities within the Department are utilised to develop soft skills of the students, and the students are provided with opportunities to get the hands on experience in the field, national research stations, and at aquaculture and fishery related industries. This is done through well organised field excursions, out door and laboratory practical classes, and industrial training, which are integrated components of most of the course modules. In addition to the undergraduate teaching, academics of the Department are involved in various nationally and internationally important activities such as research, consultancies, secondary and tertiary curriculum development in collaboration with National Institute of Education, community training and awareness programmes, etc.

The current research areas handled by the staff are in the fields of Biodiversity of fish in different aquatic systems; Biology, ecology, distribution and population dynamics of fish; Feeding and nutrition of fish; Culture of fin-fish and shell-fish relevant to ornamental and food fish industry, Aquaculture water management, Impact of climate change on reproductive performance of fish; Breeding success of carps in natural lakes, Ichthyoplankton in marine coastal waters, Community-based fisheries management of coastal fisheries, and Marine ornamental fisheries and Value addition to fish and fishery products in ornamental and food-fish industry. In addition to the above, academic staff has been instrumental in helping the graduates pass out from the faculty to find prestigious opportunities for postgraduate studies at foreign universities and in local universities.

5.2 Academic Staff of the Department of Fisheries and Aquaculture

Head

Dr. K.H.M. Ashoka Deepananda

B.Sc. (Hons in Zoology) (Ruhuna, SL), M.Sc. (Bremen, Germany), PhD (Kelaniya, SL)
Fish Parasitology, Coastal and Marine Ecology, Aquaculture, Fisheries Biology and Management

Professor

Senior Professor (Miss) P. Ruchira T. Cumararatunga

Senior Professor in Fisheries Biology & Professor of Fisheries Biology (Chair)

B.Sc. (Hons in Zoology) (Kelaniya, SL), PhD (Aston in B'ham, UK), FNASSL

Reproductive biology and physiology of ornamental and food-fish; Environmental & endocrinal control of reproduction in fish; Histology of Fish; Food, feeding biology and ecology of fish; Captivity breeding of endemic ornamental fish; Biology, distribution & migration of Asian Anguillid eels; Coastal and marine ecology with special reference to biodiversity of lagoons and coastal marine ecosystems, Sea weed farming, and Fish Postharvest technology.

Senior Lecturers

Dr. (Miss) K. R. Gamage

B.Sc. (Ruhuna, SL), MPhil (Ruhuna, SL), PhD (James Cook, Australia)

Fish nutrition, Fish reproductive endocrinology and reproductive biology, Aquaculture (food/ornamental fish culture), Aquaculture water quality management.

Dr. (Mrs.) S.S. Herath

B.Sc. (Hons in Fisheries Biology) (Ruhuna, SL), M.Sc. (AIT, Thailand), PhD (Tokyo University of Marine Science and Technology, Japan)

Aquaculture and Aquatic Resource Management, Fish Nutrition & Nutrigenomics, Fish Genetics and Selective breeding techniques

Lecturers (Probationary)

Mrs. R.D.N. Wijesinghe

B.Sc. (Hons in Fisheries & Marine Sciences) (Ruhuna, SL), M.Sc. (Ghent, Belgium)

Aquaculture, Rural Project Management, Fisheries Management, and Ecology of aquaculture ponds

Mrs. J.M.S.N. Rathnapala

B.Sc. (Hons in Fisheries and Marine Sciences) (Ruhuna, SL), M.Sc. (Ghent, Belgium)

Aquaculture, Virology, Immunology, and Microbial community management

Mrs. H.M.E.J. Heenkenda

B.Sc. (Hons) in Fisheries and Marine Sciences (Ruhuna, SL); M.Sc. (University of Florida, USA)

Marine ichthyoplankton, Shell-fish aquaculture

Mr. A.M.K.A. Bandara

BSc (Hons) in Fisheries and Marine Sciences (Ruhuna, SL); Reading for MSc. (Ghent, Belgium)

Aquaculture Health Management

Mr. W.S. Weerakkody

BSc (Hons) in Fisheries and Marine Sciences (Ruhuna, SL)

Aquaculture

5.3 Courses offered by the Department of Fisheries and Aquaculture

Department offers the following courses for undergraduates who are registering for BScHons in Fisheries and Marine Sciences and BScHons in Marine and Freshwater Sciences Degree Programmes.

5.3.1 Courses for Level 1 and Level 2

Students, following the BSc Honors in Fisheries and Marine Sciences Degree program shall take the course modules during Level I and II of his/ her study as stipulated below. Detailed contents of course units can be viewed on the MIS.

Course Modules for BSc Honors in Fisheries and Marine Sciences Degree Level I and Level II

Level	Semester	Module No	Module Name	Status	Credits	Theory (Hrs)	Practical (Hrs)
Level I	Semester I	FAQ1113	Evolution & Biology of Fin-fish	C	3	35	30
		FAQ1122	Evolution & Biology of Shell-fish	C	2	24	18
		LIM1112	Introduction to Limnology	C	2	24	18
		LIM 1122	Freshwater Fauna	C	2	24	18
		OCG1111	Introduction to Oceanography	C	1	15	00
		OCG 1121	Earth History, Origin & Evolution of Life	C	1	15	00
		FDN 1142	Biomathematics	C	2	30	00

Level II		CHM1111	Principles in Chemistry	C	1	15	00
		CHM1122	Analytical Chemistry - 1	C	2	20	30
		FDN1111	Preliminary English - I	ND	1	15	00
		FDN1121	Computer Literacy -I	ND	1	10	15
		FDN1131	Snorkelling & Lifesaving	OP	1	09	18
	Semester II	CHM1212	Inorganic Chemistry	C	2	24	18
		FAQ1213	Cytology, Histology & Embryology of fish	C	3	37	24
		FAQ1222	Fundamentals of Genetics	C	2	23	21
		LIM1212	Physical and Chemical Limnology	C	2	24	18
		LIM 1222	Freshwater Flora	C	2	24	18
		OCG1222	Marine Biology – Invertebrate Fauna	C	2	24	18
		OCG1242	Introduction to Geospatial Analysis	C	2	24	18
		OCG1252	Statistics for Experimental Analysis	C	2	24	18
		FDN1211	Preliminary English - II	ND	1	15	0
		FDN1221	Computer Literacy -II	ND	1	10	15
	Semester I	FAQ2113	Fish Physiology	C	3	45	0
		FAQ2121	Laboratory Studies Related to Fish Physiology	C	1	0	45
		LIM 2111	Physics of Water	C	1	15	00
		LIM2123	Theoretical Ecology and Ecological Modelling	OP	3	37	24
		LIM 2141	Biodiversity and Evaluation Strategies	C	1	12	09
CHM2111		Analytical Chemistry-II	C	1	12	9	
CHM2122		Organic Chemistry	C	2	24	18	
OCG2111		Tectonics and Ocean Basins	OP	1	15	0	
OCG2122		Marine Biology –Flora	C	2	24	18	
OCG2142		Marine Biology – Vertebrate Fauna	C	2	24	18	
FDN2111		Intermediate English -I	ND	1	15	0	
FDN2121		Computer Literacy III	ND	1	10	15	
Semester II		FAQ2213	Fish Population Dynamics	C	3	38	21
		LIM2212	Limnology of Wetlands, Lagoons and Estuaries	C	2	24	18
		LIM 2222	Aquatic Toxicology and Human Health Risk	OP	2	24	18
	CHM2212	Physical Chemistry I	C	2	26	12	
	OCG 2222	Geomorphology & morphometric analysis	OP	2	24	18	
	OCG2233	Chemical Oceanography	C	3	30	45	
	OCG2243	Physical Oceanography	C	3	30	45	

	OCG2253	Biological Oceanography	C	3	30	45
	FDN2211	Intermediate English -II	ND	1	15	0
	FDN2221	Computer Literacy IV	ND	1	12	15

5.4 BSc Honors Degree Program in Fisheries and Marine Sciences

This degree programme is conducted by the Department of Fisheries and Aquaculture in collaboration with Department of Limnology and Water Technology, and Department of Oceanography and Marine Geology. On completion of the course modules included in the Levels I and II of the degree programme, students shall select either specialization in Fisheries or Aquaculture. Of the course modules offered by the Department of Fisheries and Aquaculture, Course Units bearing the code FAQ are compulsory for all students following the BSc Honors in Fisheries & Marine Sciences Degree program. Course Units bearing the code AQU are compulsory for those who specialise in Aquaculture and they may be considered as optional for others. Similarly, Course Units bearing the code FSH units are compulsory for those who specialise in Fisheries and they may be considered as optional for others. All the courses other than those listed as optional are compulsory.

Abbreviations used in describing course modules and units:

C = Compulsory

OP = Optional

ND = Non Degree

OCG = Courses offered by Department of Oceanography and Marine Geology

LIM = Courses offered by the Department of Limnology and Water Technology

CHM = Courses offered by the Department of Limnology and Water Technology

FDN = Foundation Courses

5.4.1 Course Structure for Level III and IV

Students shall take the course modules offered during Level III and IV by the Faculty as per his/ her specialization area.

Course Modules for BSc Honors Degree in Fisheries and Marine Sciences in Fisheries

Level	Semester	Module No	Module Name	Status	Credits	Theory (hrs)	Practical (hrs)
Level III	Semester I	FAQ3112	Basic Economics for Fisheries & Aquaculture	C	2	24	18
		FAQ3121	Behaviour of Fish	C	1	12	09
		FAQ3132	Microbiology for Aquaculture and Fisheries	C	2	24	18
		FSH3113	Capture Fisheries	C	3	38	21
		FSH3121	Fishing Gear & Craft Technology	C	1	12	09
		FSH3131	Fisheries Oceanography	C	1	12	09
		AQU3112	Aquaculture 1- Introduction	C	2	24	18
		AQU3123	Aquaculture 11 – Feeds & Nutrition	OP	3	30	45
		AQU3132	Methods for Aquaculture I (for Tropical fin-fish Species)	OP	2	23	21
		FDN3111	Advanced English I	ND	1	15	0
	FDN 3122	Information Literacy on Library Skills	ND	2	24	18	
	OCG3142	Remote Sensing and GNSS	C	2	24	18	
	OCG3132	Hydrography and Navigation	OP	2	24	18	
	LIM3132	Aquatic Pollution	C	2	24	18	
	LIM3161	Quality Assessments of Aquatic Systems	OP	1	12	9	
	CHM 3112	Advanced Aquatic Chemistry	C	2	30	0	
	CHM 3122	Physical Chemistry -II	OP	2	24	18	
	OCG31A1	Introduction to Socio-economics	OP	1	12	9	
	OCG31B1	Marine Mammalian Biology	OP	1	15	0	
	OCG31C2	Marine and Coastal Ecosystems	OP	2	24	18	
Level III	Semester II	FAQ3213	Fish Pathology & Parasitology	C	3	36	27
		FAQ3222	Advanced Molecular Genetics applicable to Fisheries & Aquaculture	C	2	24	18
		FAQ3231	Advanced Histological Techniques	OP	1	0	45
		FAQ 3252	Statistics for Aquatic Sciences	C	2	20	30
		FAQ3241	Scientific writing, presentation and research ethics	C	1	15	0
		AQU3212	Aquaculture III: Propagation	OP	2	25	15

		AQU3222	Methods for Aquaculture II (for tropical shellfish & other organisms)	OP	2	24	18
		AQU3232	Aquaculture Management	OP	2	25	15
		OCG3251	Law of the Sea	C	1	15	0
		OCG3261	Indian Ocean and Bengal Fan	OP	1	15	0
		OCG3241	Introduction to Meteorology	C	1	12	9
		OCG32A1	Coral Ecology	OP	1	12	9
		OCG32B1	Satellite Oceanography	OP	1	12	9
		LIM3213	Principles and Applications of Hydrology	OP	3	38	21
		LIM3231	Hydrogeology	OP	1	15	0
		CHM 3211	Radio Chemistry	OP	1	15	0
	FDN3211	Advanced English -II	ND	1	15	0	
Level IV	Semester I	FSH4112	Fish Post Harvest Technology and Quality Assurance of Fishery Products	C	2	23	21
		FSH4122	Fish Transporting Devices, Curing & Processing Plants & Packaging	C	2	23	21
		FSH4132	Fisheries Management and acts	C	2	24	18
		AQU4111	Immunology	OP	1	12	09
		CHM4112	Biochemistry	OP	2	24	18
		CHM 4121	Green Chemistry	OP	1	15	0
		CHM4132	Natural Product Chemistry	OP	2	24	18
		OCG4141	Climate Change and Oceans	C	1	15	0
		OCG4162	Advanced Physical Oceanography	OP	2	24	18
		OCG4132	Integrated Coastal Management	OP	2	24	18
		OCG4191	Coastal Hazards and Mitigation	OP	1	15	0
		OCG4172	Marine Biodiversity Conservation and Management	C	2	24	18
		LIM4161	Environmental Impact Assessments	C	1	15	0
Semester II	FSH4218	Research Project, Thesis Writing and Viva-voce	C	8			
	FSH4220	Industrial or Field Training	C	0			

Course Modules for BSc Honors Degree in Fisheries and Marine Sciences in Aquaculture

Level	Semester	Module No	Module Name	Status	Credits	Theory (Hrs)	Practical (Hrs)
Level III	Semester I	FAQ3112	Basic Economics for Fisheries & Aquaculture	C	2	24	18
		FAQ3121	Behaviour of Fish	C	1	12	09
		FAQ 3132	Microbiology for aquaculture and Fisheries	C	2	24	18
		AQU3112	Aquaculture I- Introduction	C	2	24	18
		AQU3123	Aquaculture II – Feeds & Nutrition	C	3	30	45
		AQU3132	Methods for Aquaculture I (for tropical fin-fish species)	C	2	23	21
		FSH3113	Capture Fisheries	OP	3	38	21
		FSH3121	Fishing Gear & Craft Technology	OP	1	12	09
		FDN 3122	Information Literacy on Library Skills	ND	2	24	18
		FSH3131	Fisheries Oceanography	OP	1	12	09
		OCG31A1	Introduction to Socio-economics	OP	1	12	9
		OCG 3132	Hydrography & Navigation	OP	2	24	18
		OCG3142	Remote Sensing and GNSS	C	2	24	18
		OCG31C2	Marine and Coastal Ecosystems	OP	2	24	18
		LIM 3121	Geochemistry	OP	1	15	0
		LIM3132	Aquatic Pollution	C	2	24	18
		LIM 3142	Water treatment technology	OP	2	24	18
		LIM 3152	Wastewater treatment technology	OP	2	24	18
		LIM 3161	Quality Assessment of Aquatic Systems	C	1	12	9
		CHM 3112	Advanced Aquatic Chemistry	C	2	30	0
	CHM 3122	Physical Chemistry -II	OP	2	24	18	
	FDN3111	Advance English – I	ND	1	15	0	
	Semester II	FAQ3213	Fish Pathology & Parasitology	C	3	36	27
FAQ3222		Advanced Molecular Genetics applicable for Fisheries and aquaculture	C	2	24	18	
FAQ3231		Advanced histological techniques	OP	1	0	45	

	FAQ3241	Scientific writing, presentation and research ethics	C	1	15	0	
	FAQ3252	Statistics for Aquatic Sciences	C	2	20	30	
	AQU3212	Aquaculture III: Propagation	C	2	25	15	
	AQU3222	Methods for Aquaculture II (For tropical shell fish & other organisms)	C	2	24	18	
	AQU3232	Aquaculture Management	C	2	25	15	
	OCG3251	Law of the Sea	OP	1	15	0	
	OCG3241	Introduction to Meteorology	OP	1	12	9	
	OCG32A1	Coral Ecology	OP	1	12	9	
	LIM3213	Principles and Applications of Hydrology	OP	3	38	21	
	CHM 3211	Radio Chemistry	OP	1	15	0	
FDN3211	Advanced English –II	ND	1	15	0		
Level IV		AQU4111	Immunology	C	1	12	09
		AQU4121	Aquaculture Technology - Equipment & Machinery	C	1	12	09
		FSH4112	Fish Post Harvest Technology and Quality Assurance of Fishery products	OP	2	23	21
		FSH 4122	Fish transporting devises, curing & processing plants & packaging	OP	2	23	21
	Semester I	FSH4132	Fisheries Management and acts	OP	2	24	18
		CHM4112	Biochemistry	C	2	24	18
		CHM4132	Natural Product Chemistry	OP	2	24	18
		OCG4141	Climate Change and Oceans	OP	1	15	0
		OCG4172	Marine Biodiversity Conservation and Management	OP	2	24	18
		OCG4132	Integrated Coastal Management	OP	2	24	18
		OCG 4182	Wetland management	OP	2	24	18
		OCG 4191	Coastal Hazards and Mitigation	OP	1	15	0
		CHM 4121	Green Chemistry	OP	1	15	0
		LIM 4112	Irrigation	OP	2	24	18
		LIM 4122	Water resource management	OP	2	24	18
		LIM 4151	Water governance and policy	OP	1	15	0
		LIM 4161	Environmental Impact Assessment	C	1	15	0
		LIM4171	Surveying and Levelling	C	1	10	15

		LIM 4191	Nanotechnology	OP	1	15	0
	Semester	AQU4218	Research Project, Thesis Writing and Viva-voce	C	8		
		AQU4220	Industrial or Field Training	C	0		

Department of Limnology and Water Technology

6.1 Introduction

Department of Limnology and Water Technology is one of the three Departments in the Faculty that conducts undergraduate & graduate courses and research in the fields of aquatic chemistry, aquatic ecology, aquatic biology, hydrology and environmental analysis of inland waters. In parallel to those subjects, the Department conducts Chemistry courses essential for a science degree throughout the programme. The Department has infrastructure facilities to accommodate 100 undergraduates, and research facilities for post graduate students who seek post graduate degrees such as MPhil and PhD in Limnology and related fields. The fields of studies extend over 25000 reservoirs and 103 river basins, lagoons, estuaries as well as ground water throughout the Island towards their sustainable utilization and management. The academic staff involve in providing assistance and advice to national development programmes undertaken by the Ministries of Fisheries and Aquatic Resources, Science and Technology, Forestry and Environment, Health and Indigenous Medicine etc. the Department maintain a service facility for water and wastewater testing for different government institutes and researchers as well as for various industries and business entities in order to get their environmental protection licenses from the Central Environmental Authority.

6.2 Academic Staff of the Department of Limnology and Water Technology

Head

Dr. U. Asanka D. Jayasinghe

B.Sc. (Hons) (Kelaniya, SL), MPhil (Kelaniya, SL), PhD (UCAS, China)

Stable Isotopic Ecology, Aquatic ecology, Fish population dynamics, Culture-based fisheries, Acoustic Ecology

Professors

Professor Tilak P. D. Gamage

B.Sc. (Ruhuna), MPhil (Ruhuna), Dip. Int. Env. Law (UNITAR), PhD (Saitama, Japan)

Aquatic ecological engineering, Hydrological analysis, Water and wastewater technology, Environmental Impact Assessments (EIA), Limnological analysis.

Senior Lecturers

Dr. R. A. Maithreepala

B.Sc. (Ruhuna), MPhil (Ruhuna), PhD (NTHU, Taiwan)

Environmental Geo-chemistry, Radiochemistry, Water & wastewater technologies, Environmental chemical analysis, Mineral-water interfacial processes

Dr. H. B. Asanthi (Dean of the Faculty)

B.Sc. (Hons) (Ruhuna), PhD (Montpellier, France)

Aquatic Toxicology, Metal speciation, Ecology and Biodiversity, Environmental risk assessments

Dr. K.S.S. Atapaththu

B.Sc. (Hons) (Ruhuna), M.Sc. (AIT, Thailand), PhD (Saitama, Japan)

Abiotic stress on aquatic plants, Aquatic resources management, Phytoremediation, Aquatic ecology

Dr. H.L.K. Sanjaya

B.Sc. (Hons) (Ruhuna, SL), PhD (Saitama, Japan)

Environmental modeling & GIS applications, aquatic ecology and plant stress, Water resources management, Mangrove restoration

Lecturer (Probationary)

Mr. Pandula. T. Kirinde Arachchige (*on study leave*)

B.Sc. (Hons) (Ruhuna)

Environmental chemistry, Wastewater technology and Natural product chemistry

Miss L.N. Wijewardane

B.Sc. (Hons) (Ruhuna, SL), M.Sc. (UP, France)

Limnology, Aquatic ecology, Environmental microbiology, Climate change impacts on freshwater ecosystems

6.3 Course Structure for those who specialize in Water Sciences and Technology

Course Units for BScHons Degree in Marine and Freshwater Sciences in Water Sciences and Technology listed below. Detailed contents of course units can be viewed on the MIS.

Module No.	Course code	Name of the Module	Status	Credits	Theory (Hrs)	Practical (Hrs)	
Level I	Semester 1	LIM1112	Introduction to Limnology	C	2	24	18
		LIM1122	Freshwater Fauna	C	2	24	18
		CHM1111	Principles in Chemistry	C	1	15	0
		CHM1122	Analytical Chemistry -I	C	2	20	30
		OCG 1111	Introduction to Oceanography	C	1	15	0
		OCG1121	Earth History, origin and evolution of life	C	1	15	0
		OCG1132	Earth Material	C	2	24	18
		FAQ1131	Cell Biology	C	1	13	6
		OCG1141	Mathematics I	C	1	15	0
		FDN1111	Preliminary English - I	ND	1	15	0
		FDN1121	Computer Literacy -I	ND	1	10	15
		FDN1131	Snorkelling and Life saving	OP	1	9	18
	Semester II	LIM1212	Physical and Chemical Limnology	C	2	24	18
		LIM1222	Freshwater Flora	C	2	24	18
		CHM1212	Inorganic Chemistry	C	2	24	18
		FAQ1222	Fundamentals of fish Genetics	C	2	21	21
		OCG1222	Marine Biology – Invertebrate Fauna	C	2	24	18
		OCG1242	Introduction to Geospatial Analysis	C	2	24	18
	OCG1252	Statistics for Experimental Analysis	C	2	24	18	

		FDN1211	Preliminary English - II	ND	1	15	0
		FDN1221	Computer Literacy –II	ND	1	10	15
Level II	Semester I	LIM2111	Physics of Water	C	1	15	0
		LIM2123	Theoretical Ecology and Ecological Modeling	C	3	37	24
		LIM2132	Microbial Quality of Water	C	2	24	18
		LIM2141	Biodiversity and Evaluation Strategies	C	1	12	09
		CHM2111	Analytical Chemistry II	C	1	12	6
		CHM2122	Organic Chemistry	C	2	24	18
		OCG2111	Tectonics and Ocean Basins	C	1	15	0
		OCG2122	Marine Biology –Flora	C	2	24	18
		OCG2142	Marine Biology – Vertebrate Fauna	C	2	24	18
		FDN2111	Intermediate English -I	ND	1	15	0
		FDN2121	Computer Literacy III	ND	1	10	15
	Semester II	LIM2212	Limnology of Wetlands, Lagoons and Estuaries	C	2	24	18
		LIM2222	Aquatic Toxicology and Human Health Risk	C	2	24	18
		CHM2212	Physical Chemistry I	C	2	26	12
		OCG2222	Geomorphology and Morphometric Analysis	C	2	24	18
		OCG2233	Chemical Oceanography	C	3	30	45
		OCG2243	Physical Oceanography	C	3	30	45
		OCG2253	Biological Oceanography	C	3	30	45
		FDN2211	Intermediate English -II	ND	1	15	0
FDN2221	Computer Literacy IV	ND	1	12	15		

Level III	Semester I	LIM3112	Hydraulics	C	2	24	18
		LIM3122	Geochemistry	C	2	30	0
		LIM3132	Aquatic Pollution	C	2	24	18
		LIM3142	Water Treatment Technology	C	2	24	18
		LIM3152	Wastewater Treatment Technology	C	2	24	18
		LIM3161	Quality Assessment of aquatic systems	C	1	12	9
		CHM3112	Advanced Aquatic Chemistry	C	2	30	0
		CHM3122	Physical Chemistry II	C	2	24	18
		OCG3112	Mineralogy	OP	2	24	18
		OCG3132	Hydrography and Navigation	OP	2	24	18
		OCG3142	Remote sensing and GNSS	C	2	24	18
		OCG3152	Statistics for Experimental Analysis II	C	2	21	27
		OCG3162	Sedimentology	OP	2	24	18
		OCG3172	Mathematics II	C	2	24	18
		OCG31A1	Introduction to Socio-economics	OP	1	12	9
		OCG31C2	Marine and Coastal Ecosystems	OP	2	24	18
		AQU3112	Aquaculture I - Introduction	OP	2	24	18
		AQU3123	Aquaculture II: Food and Nutrition	OP	3	30	45
	FDN3122	Information literacy and library skills	ND	2	24	18	
	FDN3111	Advanced English I	ND	1	15	0	
	Semester II	LIM3213	Principles and Applications of Hydrology	C	3	38	21
		LIM3222	Hydrologic Control Structures and Reservoirs	C	2	24	18
		LIM3231	Hydrogeology	op	1	15	0
		LIM3241	Scientific Communication and Research Ethics	C	1	15	0
		LIM3252	Groundwater Exploration and Extraction	C	2	24	18
		CHM3211	Radiochemistry	OP	1	15	0

Level IV		OCG 3212	Petrology	OP	2	24	18
		OCG3223	Structural and Field geology	OP	3	30	45
		OCG 3232	Coastal processes and Morphology	OP	2	24	18
		OCG 3241	Introduction to Meteorology	C	1	12	9
		OCG 3251	Law of the Sea	OP	1	15	0
		FDN3211	Advanced English -II	ND	1	15	0
	Semester I	LIM4112	Irrigation	C	2	24	18
		LIM4122	Water Resource Management	C	2	24	18
		LIM4131	Water Economics	C	1	15	0
		LIM4142	Water transport and Distribution	OP	2	26	12
		LIM4151	Water Governance and Policy	C	1	15	0
		LIM4161	Environmental Impact Assessments	OP	1	15	0
		LIM4171	Surveying and Levelling	C	1	10	15
		LIM4182	Disaster Analysis and Management	C	2	20	30
		LIM4191	Nanotechnology	OP	1	15	0
		CHM4112	Biochemistry	C	2	24	18
		CHM4121	Green Chemistry	C	1	15	0
		CHM4132	Natural product Chemistry	C	2	24	18
Semester II	OCG4132	Integrated Coastal Management	OP	2	24	18	
	OCG4141	Climate change and Oceans	OP	1	15	0	
	OCG 4172	Marine & coastal Biodiversity Conservation and Management	OP	2	24	18	
	LIM4218	Research Project, Thesis Writing and Viva-voce	C	8			
	LIM4220	Industrial and Field training (report to be submitted)	C	0			

Department of Oceanography and Marine Geology

7.1 Introduction

Department of Oceanography and Marine Geology is a multidisciplinary Department that generate and disseminate knowledge on oceans and their processors and resources. In our courses, students will mainly learn about ocean physics, ocean chemistry, ocean biology, and ocean geology and how the ocean processors interact. Equally importantly, students will learn about ocean living and nonliving resources and their sustainable extraction, while protecting the marine ecosystem. The department also explore the technological advances that are revolutionizing our ability to observe ocean processes and predict ocean behaviours. The degree program offered by the department is built to combine hands-on experiences in world class research facilities with field courses at sea, which provide the students with sea-bound research expedition to collect ocean water samples, get sediment core samples, gather chemical and physical data, etc.

The Department has advanced library and laboratory facilities and sound collaborations with various universities and marine science institutes all over the world. Outreach: The Department serve its constituents by providing, education and guidance about the ocean environment, awareness programs for the community and by enhancing the general economic and intellectual well-being of the society.

7.2 Academic Staff of the Department

Head

Dr. Upul Premarathne

B.Sc. (Geology-Hons) (Peradeniya),

M.Sc. (Petroleum Geosciences) (Norwegian University of Science & Technology),

Ph.D. (Petroleum Geology/ Organic geochemistry) (Hokkaido, Japan),

Chartered Geologist (Institute of Geology, Sri Lanka).

Petroleum geology, seismic data interpretation and processing, organic geochemistry, basin and petroleum system modelling, petroleum economics, policy formulation

Senior Lecturers

Dr. Pradeep Nalaka Ranasinghe

B.Sc. (Geology - Hons) (Peradeniya), M.Phil (Peradeniya),

PhD (USA), Pg. Dip. in Archaeology (Kelaniya)

Marine and Coastal Geology, Sedimentology, Paleoclimatology

Dr. P.B. Terney Pradeep Kumara (on sabbatical Leave)
B.Sc. (Zoology - Hons) (Ruhuna), PhD (Kalmar, Sweden)
 Ecology of coral reefs; Reef restoration, Coastal and marine ecology, Coastal zone management

Lecturers

Mrs. R.G. Anushika Iroshanie
B.Sc. (Fisheries Biology - Hons) (Ruhuna), MSc (Bodø, Norway)
Reading for PhD (China)
 Molecular biology, Marine ecology

Lecturers (Probationary)

Ms. R.M. Gayani Nilupika Thilakarathna (on Study Leave)
B.Sc. (Zoology - Hons) (Peradeniya), Reading for PhD (Australia)
 Marine ecology, Marine invertebrate taxonomy

Mr. K. Hashan Niroshana
B.Sc.Honours (Ruhuna)) specialized in Oceanography and Marine Geology –
M.Sc. in Marine and Lacustrine Sciences & Management
(University of Ghent, Vrije Universiteit Brussels, University of Antwerp, Belgium)
 Marine Biology, Chemical Oceanography, Environmental Impact Assessment

7.3 Course Structure for BScHons Degree in Marine and Freshwater Sciences in Oceanography and Marine Geology

Summary of the Course Units for BScHons Degree in Marine and Freshwater Sciences in Oceanography and Marine Geology is given below. Detailed contents of course units can be viewed on the MIS.

Module No.	Course code	Name of the Module	Status	Credits	Theory (Hrs)	Practical (Hrs)
Level I Semester 1	LIM1112	Introduction to Limnology	C	2	24	18
	LIM1122	Freshwater Fauna	C	2	24	18
	CHM1111	Principles in Chemistry	C	1	15	0
	CHM1122	Analytical Chemistry -I	C	2	20	30
	OCG 1111	Introduction to Oceanography	C	1	15	0
	OCG1121	Earth History, origin and evolution of life	C	1	15	0

Level II	Semester I	OCG1132	Earth Material	C	2	24	18
		FAQ1131	Cell Biology	C	1	13	6
		OCG1141	Mathematics I	C	1	15	0
		FDN1111	Preliminary English - I	ND	1	15	0
		FDN1121	Computer Literacy -I	ND	1	10	15
		FDN1131	Snorkelling and Life saving	OP	1	9	18
	Semester II	LIM1212	Physical and Chemical Limnology	C	2	24	18
		LIM1222	Freshwater Flora	C	2	24	18
		CHM1212	Inorganic Chemistry	C	2	24	18
		FAQ1222	Fundamentals of Genetics	C	2	21	21
		OCG1222	Marine Biology – Invertebrate Fauna	C	2	24	18
		OCG1252	Statistics for Experimental Analysis	C	2	24	18
		OCG1242	Introduction to Geospatial Analysis	C	2	24	18
		FDN1211	Preliminary English - II	ND	1	15	0
	FDN1221	Computer Literacy -II	ND	1	10	15	
	Semester I	LIM2111	Physics of Water	C	1	15	0
		LIM2123	Theoretical Ecology and Ecological Modeling	C	3	37	24
		LIM2132	Microbial Quality of Water	C	2	24	18
		LIM2141	Biodiversity and Evaluation Strategies	C	1	12	09
		CHM2111	Analytical Chemistry II	C	1	12	9
		CHM2122	Organic Chemistry	C	2	24	18
		OCG2111	Tectonics and Ocean Basins	C	1	15	0
		OCG2122	Marine Biology –Flora	C	2	24	18
		OCG2142	Marine Biology-Vertebrate Fauna	C	2	24	18
FDN2111		Intermediate English -I	ND	1	15	0	
FDN2121	Computer Literacy III	ND	1	10	15		
Semester II	LIM2212	Limnology of Wetlands, Lagoons and Estuaries	C	2	24	18	
	LIM2222	Aquatic Toxicology and Human Health Risk	C	2	24	18	
	CHM2212	Physical Chemistry I	C	2	26	12	
	OCG2253	Biological Oceanography	C	3	30	45	
	OCG2222	Geomorphology and Morphometric Analysis	C	2	24	18	
	OCG2233	Chemical Oceanography	C	3	30	45	
	OCG2243	Physical Oceanography	C	3	30	45	
	FDN2211	Intermediate English-II	ND	1	15	0	
FDN2221	Computer Literacy IV	ND	1	12	15		

**Course Module for BSchons Degree in Marine and Freshwater Sciences
in Oceanography and Marine Geology - Level III**

Level III	Semester I	OCG3112	Mineralogy	C	2	24	18
		OCG3122	Geophysics for Marine Science	C	2	24	18
		OCG3132	Hydrography and Navigation	C	2	24	18
		OCG3142	Remote sensing and GNSS	C	2	24	18
		OCG3152	Statistics for Experimental Analysis II	C	2	21	27
		OCG3162	Sedimentology	C	2	24	18
		OCG3172	Mathematics II	OP	2	24	18
		OCG3181	Marine Chemistry	OP	1	15	0
		OCG3191	Earth system Physics	OP	1	15	0
		OCG31A1	Introduction to Socio-economics	OP	1	12	9
		OCG31B1	Marine Mammalian Biology	OP	1	15	0
		OCG31C2	Marine and Coastal Ecosystems	OP	2	24	18
		OCG31D2	Palaeontology and Micropaleontology	OP	2	24	18
		LIM3112	Hydraulics	OP	2	24	18
		LIM3122	Geochemistry	OP	2	30	0
		LIM3132	Aquatic Pollution	OP	2	24	18
		LIM3161	Quality Assessment of aquatic systems	OP	1	12	9
		CHM3112	Advanced Aquatic Chemistry	OP	2	30	0
		FSH3131	Fisheries Oceanography	OP	1	12	9
	FDN3111	Advanced English I	ND	1	15	0	
	FDN3122	Information Literacy and Library skills	ND	2	24	18	
	Semester II	OCG 3212	Petrology	C	2	24	18
		OCG3223	Structural and Field geology	C	3	30	45
		OCG 3232	Coastal processes and Morphology	C	2	24	18
		OCG 3241	Introduction to Meteorology	C	1	12	9
		OCG 3251	Law of the Sea	C	1	15	0
		OCG3261	Indian Ocean and Bengal Fan	C	1	15	0
		OCG3272	Paleoceanography and Paleoclimatology	OP	2	20	30
		OCG3281	Marine Archaeology	OP	1	12	9
		OCG3292	Ocean Modelling	OP	2	15	45
		OCG32A1	Coral Ecology	OP	1	12	9
		OCG32B1	Satellite Oceanography	OP	1	12	9
		LIM3213	Principles and Applications of Hydrology	OP	3	38	21
LIM3231		Hydrogeology	OP	1	15	0	
LIM3241		Scientific Communication and Research Ethics	OP	1	15	0	

		CHM3211	Radiochemistry	OP	1	15	0
		FDN3211	Advanced English -II	ND	1	15	0
Course Module for BScHons Degree in Marine and Freshwater Sciences in Oceanography and Marine Geology - Level IV							
Level IV	Semester I	OCG 4113	Introduction to Upstream Petroleum Industry	C	3	40	15
		OCG4121	Coastal & Marine Non-living resources	C	1	15	0
		OCG4132	Integrated Coastal Management	C	2	24	18
		OCG4141	Climate change and Oceans	C	1	15	0
		OCG 4151	Biogeochemistry	OP	1	15	0
		OCG4162	Advanced Physical Oceanography	OP	2	24	18
		OCG 4172	Marine & coastal Biodiversity Conservation and Management	OP	2	24	18
		OCG 4182	Wetland Management	OP	2	24	18
		OCG 4191	Coastal Hazards and Mitigation	OP	1	15	0
		OCG 41A1	Ocean Tourism	OP	1	15	0
		OCG41B1	Upstream Hydrocarbon Industry- Environment, Legal and Fiscal Regime	OP	1	15	0
		OCG41C1	Special Topics in Oceanography	ND	1	15	0
		LIM4161	Environmental Impact Assessments	OP	1	15	0
		LIM4171	Surveying and Levelling	OP	1	10	15
	LIM4182	Disaster Analysis and Management	OP	2	20	30	
	CHM4112	Biochemistry	OP	2	24	18	
Semester II	OCG4218	Research Project, Thesis Writing and Viva-voce	C	8			
	OCG4220	Industrial or Field Training	C	0			

Library, University of Ruhuna

8.1 Introduction

The Library of University of Ruhuna being a central research library in the southern region of Sri Lanka caters for vast variety of communities in the country. The Ruhuna University Library has four branch libraries in addition to the Main Library, which serve the Faculty of Agricultural at Mapalana, Faculty of Engineering at Hapugala and Faculty of Medicine at Karapitiya and Faculty of Allied Health Sciences at Mahamodara and Uluwitike premises.

Main Library located in the Wellamadama university premises which serves the communities of five faculties; Faculty of Humanities and Social Science, Faculty of Fisheries and Marine Science & Technology, Faculty of Science, Faculty of Management and Finance and Faculty of Graduate Studies. In addition to that services are provided for outside communities too.

8.2 Staff of the Library

Staff of the Library of University of Ruhuna consisted of 12 Academic staff members and two administrative staff members.

Academic Staff Members

Librarian

Mr. Ananda Karunaratne

B.Dev.Studies (Statistics)
(Hons)(Colombo)
Dip. in Lib. and Inf. Science (Kelaniya)
MSSc. (Lib. & Inf. Science) (Kelaniya)

Senior Assistant Librarian
(Faculty of Agriculture)

Mrs. S.L. Gammanpila
B.Sc. Agri (Hons) (Ruhuna)
MLS (Colombo)

Senior Assistant Librarian
(Technical Service)

Mr. N. Hettitiarachchi
B.Sc. (Hons) (Ruhuna)
MSSc. (Lib. & Inf. Science) (Kelaniya)

Senior Assistant Librarian
(Reader Service)

Mr. U.A. Lal Pannila
B.A.(Hons) (Peradeniya)
MSSc. (Lib. & Inf. Science) (Kelaniya)

Senior Assistant Librarian (Faculty of Engineering)	Mr. J.J. GarusingArachchi B.A. (Hons) (Kelaniya), MLS (Colombo) Reading for Ph.D.
Senior Assistant Librarian (Periodical Section)	Mrs. T. KuruppuArachchi B.Sc. (Hons) (Ruhuna), MLS (Colombo) Reading for Ph.D. (Australia)
Senior Assistant Librarian (Faculty of Medicine)	Mr. K.T.S. Pushpakumara B.Sc. (Hons) (Ruhuna) MLS (Colombo)
Senior Assistant Librarian (Technical Service)	Mr. K.H. Ramanayaka B.Sc. (Hons) (Ruhuna) MSSc. (Lib. & Inf. Science) (Kelaniya) Reading for Ph.D. (China)
Senior Assistant Librarian (Electronic Services)	Mr. I.D.K.L. Fernando B.Sc. (Hons) (Ruhuna) Pg.D.ISM (Colombo) M.ISM. (Colombo)
Senior Assistant Librarian (Cataloguing and Classification)	Mrs. Sakunthala Senevirathna B.A. - Lib Sci. (Hons) (Kelaniya) MSSc. (Lib. & Inf. Science) (Kelaniya) Dip. in Journalism (Colombo)
Assistant Librarian (Acquisitions)	Ms. P.K. Jayasekara B.Sc. Agri (Hons) (Ruhuna) MLS (Colombo)
Assistant Librarian (Faculty of Allied Health Sciences)	Mr. P.G. Nishantha B.Sc. (Hons) (J'Pura) MLS (Colombo)
<i>Administrative Staff Members</i> Senior Assistant Registrar (Library Services)	Mr. C.P.K. Edirisinghe B.A. (Hons) (J'Pura) PDBA (Ruhuna)
Senior Assistant Registrar (Library Services)	Mrs. G.A. Jagathi Hemmali

8.3 Library Opening Hours

A description of hours of opening is given in the following table.

Description of the period	Days of opening	Hours of opening
Semester	Monday to Friday	8.00 a.m. to 6.00 p.m.
	Saturdays	8.30 a.m. to 5.00 p.m.
	Sundays	Closed
Study Leave and Examination	Monday to Friday	8.00 a.m. to 8.00 p.m.
	Saturdays and	8.30 a.m. to 5.00 p.m.
	Sundays	
Long Vacation	Monday to Friday	8.00 a.m. to 5.00 p.m.
	Saturdays	8.30. a.m. to 5.00p.m.
	Sundays	Closed
Public holidays and Poya days	-	Closed

Note - Opening hours of library may be revised

8.4 Library Collections

The library consisted of sections for lending, reference, periodicals and special collections. In detailed descriptions of library collections are given below.

8.4.1 Lending Section

Lending section is located in the second floor of the Library. Lending section issues books for a period of two weeks to undergraduates. If needed which can be extended for another two weeks through the "ISURu" database.

8.4.2 Reference Section

This section is located in the first floor of the Library. Reference section includes reference materials and permanent reference materials. Reference materials are issued to students for overnight use. Reference materials could be borrowed between 3.00 p.m. to 5.00 p.m. and should be returned before 10.00 a.m. of the following day due date.

Permanent reference materials (such as encyclopaedias, dictionaries, glossaries and other valuable books) are intended strictly for reference within the library. Reading facilities are provided in this section.

8.4.3 Periodical Section

Periodical section is located in the first floor of the Library. The periodical section consists with different kinds of printed and online resources, such as; back volumes of printed journals, newsletters, printed periodicals currently subscribed by University of Ruhuna Library, online databases subscribed through Consortium of Academic Libraries of Sri Lanka (CONSAL) and past examination papers.

Printed periodicals currently subscribed by University of Ruhuna Library

1. Scientific American
2. National Geographic Magazine
3. Time magazine
4. Lanka Monthly Digest
5. Journal of the National Science Foundation of Sri Lanka
6. මෙවැනිවිද්‍යා

Databases subscribed through Consortium of Academic Libraries of Sri Lanka (CONSAL)

1. Emerald
2. Taylor & Francis
3. SAGE Research Methods Online
4. Oxford University Press
5. Wiley online Journal
6. HINARI
7. AGORA
8. OARE

Printed materials available in periodical section are meant to be used within the Library. This collection is opened from 9.00 a.m. to 4.00 p.m. on weekdays.

8.4.4 The Sri Lanka Collection (Ceylon room)

This collection is arranged in a separate room in the first floor. The library materials, which are useful to obtain various information about Sri Lanka, are arranged in this collection, such as;

1. Government publications (Annual reports, statistical reports)
2. Rohana collection
3. Copies of Master's and Doctoral theses of Academic staff and students of the University of Ruhuna
4. Professor Justin Labrooy collection
5. Professor Alawaththagoda Premadasa collection
6. Newspaper collection

Readers may not allow to remove library resources from this collection. This collection is opened from 9.00 a.m. to 4.00 p.m. on weekdays.

8.4.5 Legal Deposit Collection

Legal Deposit Collection is located in the second floor of the Library. Legal Deposit Collection is the latest collection in Main Library, University of Ruhuna. The University of Ruhuna has become fortunate to join the group of institutes in Sri Lanka that have been maintaining legal deposit collections since 2013. This collection consisted of all the publications published within Sri Lanka since 1990. Currently, this valuable collection consisting of about 200,000 items including books, newspapers, journals, magazines, handbooks, annual reports, pamphlets, government publications such as gazettes, hansards, acts and school text books, proceedings, posters etc. written in various languages. These items are stored under preservative conditions and only available for reference within the collection. This collection is opened from 9.00 a.m. to 4.00 p.m. on weekdays.

8.4.6 Colour Plate Collection

Colour plate collection is located in the first floor of the library. This collection consisted of books with valuable colour images. Colour plate collection is kept in a locked glass cupboard in the Reference section of the library for careful preservation. Students need to make a request to use this collection.

8.4.7 Institutional Repository (Digital Library)

Library has embarked on an institutional repository project which allow the users to access to a comprehensive collection of born digital and digitized materials in short while. The service is designed to access via any cloud based device (Desktops, Laptops, Mobile devices, etc)

8.5 Library Resource Classification

The library materials in the University of Ruhuna Library is organized according to the Dewey Decimal Classification (DDC) system. DDC helps to arrange library materials by discipline. The main classes of DDC as follows;

DDC number	Discipline
000	Computer science and general works
100	Philosophy and psychology
200	Religion
300	Social Sciences
400	Language
500	Natural sciences and mathematics
600	Technology (Applied science)
700	Arts; Fine arts and decorative arts
800	Literature and rhetoric
900	Geography and history

8.6 Library Catalogue

An Online Public Access Catalogue (OPAC) is a computerized online database of all the resources held in the library. Users can use OPAC to search library materials available in the library. It can be accessed from URL: isuru.lib.ruh.ac.lk. OPAC provides facilities to search library materials using keywords, title, author, subject, ISBN, series and call number

8.7. Library Services

8.7.1 Ask a Librarian Service

Senior Assistant Librarians and Assistant Librarians of the University of Ruhuna Library provide reference services to the library users with direction to library materials, advices on library collections and services and searching multiple kinds of information from multiple sources.

8.7.2 Skill Development Programs

Library of University of Ruhuna is currently conducting Information Literacy course modules in Faculty of Fisheries and Marine Science & Technology, Faculty of Agricultural, Faculty of Engineering, Faculty of Medicine and Faculty of Allied Health Sciences. The main purpose of these modules is to develop students' information literacy and library skills. Academic staff of the library facilitates students throughout the course module with comprehensive theoretical and practical work.

In addition to this course unit, library conducting continuous student orientation, training and support with information management through workshops and seminars.

8.7.3 Inter-Library Loans (ILL)

Any book and photocopies of research articles in journals, which are not available in the University of Ruhuna Library, but available elsewhere, could be obtained via inter-library loan. Readers who wish to avail themselves of the faculty should use the application available at the Library Office.

8.7.4 Library Resource Centre

Library Resource Centre provides following facilities;

- Computer Lab - 20 users can occupy at a time
- Library Auditorium - can be used for 80 users with the modern electronic facilities

8.7.5 Photocopying Service

The Library provides a photocopying service for those who requires copies of reference materials available in the Library. An agency photocopy service was installed to the Library.

8.7.6 Student Counselling

The student counselling service of the library provides services and programs which promote the personal development and psychological well-being of students. Students have the opportunity to discuss their various psychological, social and financial issues or any other difficulties they face during their university education and library use. Counselling services maintain strict confidently.

8.7.7 Outreach Programs

Library of University of Ruhuna is conducting workshops, training programs and awareness programs to enhance the information literacy skills of teacher librarians, library science students and different target populations in Southern province.

8.8 Library Membership

Full membership of the library is available to all registered undergraduate and postgraduate students of University of Ruhuna. All students are required to register at the library by using the application form provided.

8.8.1 Borrowing Library Resources

With the exception of certain categories (i.e. Permanent reference materials, dictionaries, atlases, books under special collections etc.) all other books may be borrowed. The university record book or identity card must be produced when borrowing books. Books may be borrowed before 5.00 p.m. Details about the number of books can be borrowed is given in following table.

Number of books can be borrowed by students

Degree program and Level	Lending books	Reference books	Electronic media
Level I	03	01	01
Level II	04	02	01
Level III	05	02	01
Level IV	06	02	01
Postgraduate	03	01	-

Note - Level I students are only allowed to borrow one 'Student centred learning' material.

8.8.2 Returning Library Resources

Borrowed books must be returned by 9.00 a.m. on the due date. Borrowers remain responsible for books, which are issued to them.

If an issued book is lost or damaged, the matter should be reported to the library immediately. Borrower has to replace it with a new copy of the same edition or subsequent edition within due date. If the book is not available in the market, the borrower will be charged for the replacement cost of the book and a processing fee of 25% from the value of the book.

All library resources borrowed must be returned and all outstanding fines must be paid when a student leaves the university. Users who fail to fulfil their obligations may have their degree certificate withheld until they return the borrowed resources and pay the fine.

8.8.3 Fines and Payments

A fine of Rs.1.00 per day will be imposed in respect of each book borrowed from lending section, if not returned by the due date. A fine of Rs.3.00 per day will be imposed in respect of each book borrowed from reference section, if not returned by the due date. All payments should be made to the Shroff of the University. However, fines and issuing facilities may vary according to the Faculty.

Fees and Examinations

9.1 Fees Levied for Registration for a Degree Programme

Following table provides the details of fees to be paid for different activities by each undergraduate on registration for a degree programme.

Degree Programme	Undergraduate
Registration (per year)	For Level I Rs. 900.00 and the other Levels Rs. 200.00 per year
Library fee	100.00
Library deposit (refundable)	
Science deposit	100.00
Medical fee	50.00
Supervision fee (per year)	-
Research fee (per year)	-
Internet/Computer fee	-
Thesis evaluation fee If one local & one foreign supervisor	-
Application processing fee	

Any repeat student who wants to follow a relevant Theory Course Unit for another occasion may follow it after making a payment of Rs 250.00 per Course Unit, only if the Faculty Board approval is granted.

9.2 Examination Criteria

1. The Bachelor of Science Honours in Fisheries and Marine Sciences degree programme and Bachelor of Science Honours in Marine and Freshwater Sciences degree programme include four academic years (eight semesters). During above period students will have to follow Core Course Units (CCU) offered by respective departments and certain other Optional Course Units (OCU) acceptable to the above degree program offered by sources recommended by the Faculty. Each Course Unit has a defined number of

credits. During the four academic years of the degree programme, a student shall complete Course Units of 120 credits with a minimum of 60 credits of Course Units from the subjects offered during Levels I and II. Further, a student shall carryout a research project, acquire additional skills through seminars, field excursions, essay writing, industrial training, etc.

The Degree examination will consist of end semester/academic year examinations for both practical and theory Course Units. In the case of practical Course Units or Combined Course Units, with a practical component, examinations will be held as desired by respective departments.

2. Grades allocated for Course Units

Grades and Grade Point Values (GPV) are allocated on the overall performance in each Course Unit as given below.

Marks (%)	Grades	GPV
85 – 100	A+	4.0
70 – 84	A	4.0
65 – 69	A-	3.7
60 – 64	B+	3.3
55 – 59	B	3.0
50 – 54	B-	2.7
45 – 49	C+	2.3
40 – 44	C	2.0
36 – 39	C-	1.7
33 – 35	D+	1.3
30 – 32	D	1.0
0 – 29	E	0

- (a) Grade Point Average (GPA) is calculated to the second decimal place as follows

$$\text{GPA} = \frac{\sum(c_i g_i)}{\sum(c_i)}$$

Where, c_i and g_i are the number of credits and the grade point values (GPV) respectively for the i^{th} Course Unit.

3. Pass in Course Units

- (i) A candidate who obtains a grade **C** or better for a Course Unit will be considered to have passed in that Course Unit.
- (ii) A candidate who obtains either grade **C⁺**, **D⁺**, **D** or **E** for a particular Course Unit, may re-sit the examination in respect of that Course Unit for the purpose of improving the grade within the stipulated period. The maximum grade that could be awarded is **C** which in this instance is 40% and in the event a student obtains a lower grade, he/she will be entitled to the previous grade. Above candidates are not entitled to attend respective lectures/practical classes of the Course Unit in which, he/she has failed.

4. Minimum requirements for the completion of the Bachelor of Science Honours in Fisheries and Marine Sciences Degree and Bachelor of Science Honours in Marine Freshwater Sciences Degree programs

A candidate shall receive the Degree if he/she obtained

- (i) A minimum of 120 credits,
- (ii) Grades of **C** or better from theory aggregating to a minimum of 60% credits of CCUs and grades of **D** or better for rest of the CCU units,
- (iii) Grades of **D** or better in all practical CCUs,
- (iv) A minimum of 30% of the marks for each component of any Course Unit, which contain both theory and practical components,
- (v) Grades of **C** or better for a minimum of 60% credits of OCU's,
- (vi) Grades of **C** or better for a minimum of 75% credits for Course Units containing research and learning skills (presentations, seminars, essays, etc.),
- (vii) A Grade Point Average (GPA) of at least 2.00,
- (viii) A minimum of grades of **C** for Proficiency in English Course Units,
- (ix) A minimum of grades of **C** for Computer Literacy Course Units,
- (x) A minimum of grade of **D** for Biomathematics Course Unit,
- (xi) A minimum of grade of **D** for Information Literacy and Library Skills Course Unit,
- (xii) A satisfactory level for industrial/practical training

Note: A student who has not fulfilled any of the above requirements of relevant Course Unit may fulfill them at subsequent attempts.

5. Award of Classes

- (a) A student, who has fulfilled all the stipulated conditions in sections 4, shall be awarded classes, if he/she fulfils the following additional requirements within four academic years from the date of first registration, securing average of grade **C** or better aggregating to a minimum of 120 credits.
- (b) It shall be within the power of the Senate to declare for some specified reason that a student is eligible for the award of the classes at a subsequent occasion.

5.1 First Class

- (a) Grades of **A** in Course Units aggregating to a minimum of 54 credits,
- (b) GPA of 3.70 or above and
- (c) at least grades of **C** for all the Course Units whose credits shall add up to at least 114.

5.2 Second Class (Upper Division)

- (a) Grades of **A⁻** or better in Course Units aggregating to a minimum of 40 credits,
- (b) GPA of 3.30 – 3.69 and
- (c) at least grades of **C** for all Course Units whose credits shall add up to at least 114.

Second Class (Lower Division)

- (a) GPA of 3.00 - 3.29 and
- (b) at least grades of **C** for all the Course Units whose credits shall add up to at least 114.

6. Other requirements

6.1. Attendance for Course Units

Students are required to maintain a minimum of 80% attendance for each Course Unit to be eligible to appear for the relevant examinations. Those who do not fulfil this requirement shall be considered to have failed in that particular Course Unit.

- (a) If a student fails to complete a Course Unit, an acceptable reason has to be produced, failing which a grade of **E** shall be given. On such an occasion, if the given reason is accepted by the Senate on the recommendation of the Faculty Board, student shall be given an additional attempt and it shall be

considered as the first attempt of the respective student for that particular Course Unit.

- (b) If a student is absent on medical grounds during the academic programme due to any of the following reasons Medical certificates are accepted as indicated below
- (c) Following criteria should be adopted when producing medical certificates due to absence for academic programmes and examinations.
 - a. A medical certificate produced should be issued by the University Medical Officer or by a government hospital or a Consultant Medical Officer.
 - b. Above medical certificates should be a formal medical certificate issued on a standard form of a government medical certificate/ on a letter head endorsed with a respective official stamp.
 - c. Any medical certificate issued should be for a maximum period of 14 days or if it is produced through Consultant Medical Officer, it should be for a maximum period of 30 days. If any extension of medical leave is required another medical certificate should be produced for the expected period.
 - d. If any student is unable to attend to an examination due to medical reasons he/she should immediately inform through a telegram or in writing to the Dean of the Faculty/Registrar/Senior Assistant Registrar or Assistant Registrar of Faculty. A medical certificate should be submitted as soon as possible and it should not exceed a period of one week after reporting to the Faculty since the completion of medical leave.
 - e. If a student is unable to attend academic programmes due to medical reasons for a period not exceeding 05 days medical certificates should be submitted through a medical officer registered under the Sri Lanka Medical Council or a registered Ayurvedic medical officer in addition to the medical officers reported in section (i) above.

6.2. If the absence of a student from classes of a particular Course Unit is not approved by the Faculty, results for such Course Unit/s are automatically graded as **E**.

6.3 A student who obtains grades lower than C for a Course Unit may improve his/her grade. For this purpose, **additional** attempts shall be given, within a maximum period of **six academic years** from the date of first registration for the degree programme, and the maximum grade given shall be a grade **C**. However, such candidates will not be allowed to attend the practical classes again, but they may be allowed to sit for a practical examination.

In case of practical Course Units for which continuous assessments/ viva voce/ submission of reports is one component of evaluation of an examination, if a student obtains a grade below C at the first attempt he/she will be exempted from continuous assessments/viva voce/submission of reports relevant to examination, in future attempts.

If there are any punishment with respect to offences related to examinations or any other disciplinary matters during period of study in the University, release of results will be carried out according to the decisions taken by the Council as recommended by the Senate.

7. Release of final results

In addition to the Examination Criteria stated above, the candidates should fulfil the following in order to release the final results of the Degree. Final examination degree results will be released only after submission of the corrected hard bound dissertation/thesis of the final year research project.

8. Effective Date of the Degree

The following day after the date on which the examination for the last written semester (8th semester) examination will be considered as the effective date of the degree. In case of candidate who fails to complete the degree within four academic years (eight semesters), effective date will be the following day of the last date of the semester examination in which he/she sits for the last attempt.

9. Examination Fees

No examination fee is levied from all undergraduates, who are sitting for any examination for the first time. Students, who sit for examinations more than once, will have to pay an examination fee as laid down by the University. Those who submit medical certificates for examinations which have not been approved also will have to pay the examination fee during the second attempt. Information on examination fees are as follows:

For all theory Course Unit – per credit Rs: 20/=

For all practical Course Unit – per credit Rs: 30/=

For all combined Course Units - per credit Rs: 25/=

For all Non-Degree Course Unit- Rs: 40/=

10.1 Vice Chancellor's and Dean's Awards

Vice Chancellor's and Dean's Awards shall be awarded annually to the students with the best overall performance in each Faculty. They are funded by the University and administered by the Deputy Vice Chancellor's office in consultation and collaboration with faculties and assisted by the Divisions of Examinations and the Student Affairs. Only the Vice Chancellor's Award shall be noted on students' academic transcript.

10.1.1 Dean's Awards

Dean's awards shall be awarded to following categories:

- Best first year student
- Best second year student
- Best third year student
- Best fourth year student

A certificate of achievement (and a cash prize of Rs. 10,000.00) will be awarded annually at an Awards Ceremony held at the faculty level.

Dean's List: Five students in each batch who top the list under the approved marking scheme shall be included in the Dean's list and announced at the relevant Faculty Board Meetings. A certificate of achievement will be issued to each student at the annual Faculty Awards Ceremony.

10.1.2 Vice Chancellor's Awards

Awarded to the

- Best student who completed the degree of each Faculty

A Medal and a Certificate of Achievement will be awarded. A student who has completed the degree will be eligible for the Vice Chancellor's Award. The Vice Chancellor's Medal and a certificate of achievement will be awarded at the General Convocation.

Vice Chancellor's List: Ten students who top the list under the approved marking scheme shall be included in the Vice Chancellor's list.

10.1.3 Eligibility Requirements

- a) The students shall obtain an average GPA required to obtain a Second Class Upper Division with respect to each Faculty in the first attempt of the relevant examination for his/her courses of study in both 1st and 2nd semesters of each academic year, to be eligible for an award.
- b) Any student who has had disciplinary action taken against him/her by the University and warned (in writing) by the Vice Chancellor or Deputy Vice Chancellor as found guilty for any misconduct shall not be eligible for and award.
- c) The overall score achieved by the candidate shall not be less than 70% for the Vice Chancellor's Award and 65% for the Dean's Award.

10.1.4 Criteria of selection

- Marks for academic achievements (maximum 60)
 - a) The applicant with the highest GPA will be given 60 marks. The other eligible students will be given marks which are scaled down according to their GPA.

While the GPA obtained at each examination will be considered separately for the Deans award, the overall GPA obtained for all examinations will be considered for the Vice Chancellors Award.

- Marks for sports achievements (maximum 20)
 - a) The applicants who have received University colours will be awarded 5 marks per each colour award and 2 marks will be allocated for Inter-University participation.
- Marks for extra -curricular activities other than sports (maximum 20)
 - a) Student Unions and Associations
Maximum of 1 mark will be allocated for each position per year and will consider only the posts of President, Secretary, Treasurer and Editor. These Student Unions and Associations should be registered and approved by the particular Faculty Board / Senate and University Council and need to maintain a bank account for their transactions. Proper annual accounts and a progress report should be submitted to

the DVC through proper channels. The office bearers needed to be appointed at the AGM with the participation of Senior Treasurer, Patron or the Dean.

- Presentations at conferences/ seminars

Maximum of 1 mark will be allocated for a presentation by the applicant.

- Publishing Books

Maximum of 2 marks will be allocated per publication.

- Art Exhibitions, Oratory competition, Singing, Dancing, National level newspaper articles, Poetries, important exhibitions, Patents etc.

Quality of these activities will be assessed by the subcommittee and marks will be allocated accordingly

(Allocation of marks should be decided by a subcommittee appointed by the Faculty Board/ Senate)

Special Note:

If the overall score achieved by two or more candidates for the Vice Chancellor's Awards is identical, special panel consisting VC, DVC and Dean of the relevant Faculty shall re-evaluate the candidates to select the best student.

English Language Teaching Unit (ELTU)

The English Language Teaching Unit (ELTU), located in the faculty of Humanities and Social Sciences, is common to all faculties of the faculties of the university. It offers academic programmes aiming at developing undergraduate's reading, writing, listening and speaking skills.

Head

Mr. K.S.G.S Nishantha
*English Trained, BA (Kelaniya), MA (Kelaniya), MA (New Castle),
MPhil (Kelaniya)*

Senior Lecturers

Dr.D.V.N. Harischandra
BA (Hon) (Peradeniya), MPhil (Peradeniya), PhD (JNU)

Mr. P.N Rathnayake
BA (Hon) (Sabaragamuwa), MA (Kelaniya)

Mr. Wimal Wijesinghe
*BA (Colombo), MA (Kelaniya), PG. Dip. In ELT (Tertiary Level) (Colombo), MPhil
(Kelaniya)*

Mr. K.S.G.S Nishantha
*English Trained, BA (Kelaniya), MA (Kelaniya), MA (New Castle),
MPhil (Kelaniya)*

Lecturers (Probationary)

Mr. S. G.S Samaraweera
BA (Jayawardanapura), MA (Kelaniya)

Ms. Indu Gamage
BA (Kelaniya), MA (Kelaniya)

Mr. R. Gunawardane
BA (SUSL), MA (Kelaniya)

Ms. Nethranjalee Dissanayake
BA (Hons) (Kelaniya)

Instructors

Mr. A.J.G.Hettiarachchi
BA (Peradeniya) (English Trained)

Mr. J.W. Gnanathilake
Diploma in TESL (NIE) CELTA – (Cambridge) (English Trained)

11.1 Placement Test

All new entrants are expected to sit a placement test and are grouped on the basis of their performance.

11.2 Requirement of English Language for obtaining the B.Sc. Degree

In order to obtain the B.Sc. in Fisheries and Marine Sciences (Special) Degree, it is compulsory that students pass Level I, Level II and Level III examinations in English. When a student completes Level I, II and III, a certificate in Proficiency in English will be issued by the University.

11.3 UTEL (University Test of English Language)

UTEL, which has been introduced to the University System, is rather equivalent to the format of Cambridge University Examination, since the student is tested on all four components, e.g. Listening, Speaking, Reading and Writing. The students who get through Listening and Reading components would be eligible to take the other two components. The opportunity is given to all students sit for the Level 5 of the UTEL levels. Those students who pass Level five will get this opportunity to sit higher levels, Level 6, 7, 8 etc.

Sports and Recreation

Activities pertaining to sports and recreations are conducted are by the Department of Physical Education. The Department is governed under a Sports Advisory Board, which consists of officials of the department and two academic representatives from each of the Faculties.

12.1 Staff of the Department of Physical Education

Director

Mr. P.N. Weerasinghe
B.Com. (J'pura), Dip. in Sport

Instructors

Ms. S.V.K. de Silva
Dip. in Sports

Mr. K. H. Keerthikumara
B.A. (Kelaniya)

Mr. P.K. Sanath Chandana

The main aim of the Physical education unit is to produce graduates with good physical and mental standing, who possess good leadership qualities and obey common decisions and the Law of the Nation. To fulfill the above aim, the department conducts many physical education and sports activities.

There are numerous student sports activities organized by the physical education department, including both indoor and outdoor sports. A gymnasium with training facilities is located in the Wellamadama University complex for indoor sports and it is open for the students at 9.00am to 5.00pm every day (except poya days).

In addition to the permanent instructors, whenever necessary, external assistance is sought for coaching on part – time basis.

12.2 Sports Facilities

At present, it provides the facilities for following indoor sports:

Basketball (Men and Women)	Badminton (Men and Women)
Table Tennis (Men and Women)	Netball
Wrestling	Weight –Lifting (Men and Women)
Volleyball (Men and Women)	Chess (Men and Women)
Carrom (Men Women)	Taekwondo (Men and Women)
Karate (Men and Women)	

Outdoor sports facilities are provided to students at Wellamadama University grounds. Following sports facilities are made available free of charge to all students.

Athletics (Men and Women)	Hockey (Men and Women)
Elle (Men and Women)	Cricket
Football	Baseball (Men)

There are annual sports events such as Inter – Faculty, Fresher’s Athletic meet, Inter-Faculty tournament and Inter– University Tournaments. In addition, Sri Lanka University Games (SLUG) is held at a selected University once in three years. Students are able to participate in the World University Sports Festival, which is held once in two years. At the end of each year, Colours Awarding Ceremony is held and those who excel in these sports activities at tournaments and meets are awarded colours.

The University provides several facilities for those who participate in sports events. Sports goods are freely available to students who participate in tournaments/ meets and also for practice sessions. A subsistence of Rs.300.00 is paid per day for students participate in an event held outside the University. The students who are representing the University team the University will be provided T shirt for each player only charging 20% of price. For practise sessions of Inter University Games, the University provides an allowance Rs.30.00 per day per students to have nourishment.

Student Welfare Services

13.1 Student Affairs Branch

There is a Student Affairs Branch at the University to look after the needs of the students outside their courses. It is located in the second floor of the administration building. Many services such as registration of new students, Mahapola scholarships, Bursaries, other scholarships, student hostels and cafeterias, photocopy services are operated by the student affairs branch.

Assistant Registrar (Student Affairs)

Mrs. L.D.K.T. Dassanayake

Dip. In Human Resource Mgt (CMB), MHRM (CMB), Higher Dip in Business Administration(CMB)

In addition, this branch coordinates two other important services, Student Counselling Service and Health Service.

Proctor

Prof. P.A.P. Samantha Kumara

BBA (Ruh, SL), MBA (Col, SL), PhD (WUT, China)

Deputy Proctor of the Faculty

Dr. U. Asanka D. Jayasinghe

B.Sc. (Hons) (Kelaniya, SL), MPhil (Kelaniya, SL), PhD (UCAS, China)

Senior Student Counsellor of the University

Prof. E. P. S. Chandana

B.Sc. (Ruhuna), M.Phil (Ruhuna), PhD (Kyoto, Japan)

Deputy Senior Student Counsellor of the Faculty

Dr. K.H.M. Ashoka Deepananda

B.Sc. (Hons in Zoology) (Ruhuna, SL), M.Sc. (Bremen, Germany), PhD (Kelaniya, SL)

13.2 University Medical Facilities

The medical centre is located in a building close to the Department of Physics. This centre provides health care to staff and students.

Medical staff

Dr. A. Weerasinghe (*MBBS, Ceylon*)

Dr. S. Yapa (*MBBS, Ceylon*)

Dr. M.D. Milton (*MBBS, Ceylon*) (*acting Chief Medical Officer*)

Dental Unit

Dr. (Ms.) S. Athapaththu (*BDS, Pera.*)

Nurse

Ms. W.A. Gunasekera

Ms. M.G.S. Krishanthi

Every student of the university at the enrolment must face a medical test. The aim of this test is to determine whether the student has suitable health condition to continue the academic career without difficulties. If a student is found to be suffering from a severe disease, he/she is directed to special clinics in the hospital for treatments. During the academic year, the medical centre opens for treatment for students as well as staff from 8.00 am to 4.00 pm on weekdays. All drugs are free of charge to the students. If a prescribed drug is not available in the clinic, the University will reimburse the expenses.

Medical unit have 07 active units. Started at 08.00 am to 04.00pm

01. Medical Examination by -Chief UMO

-Visiting UMO (i)

-Visiting UMO (ii)

➤ Doctors available for 09.00 am to 04 pm

02. Dental Unit -Function for 08.00 am to 04.00 pm

➤ Doctor available for 08.00 am to 04.00 pm

03. Pharmacy -Open at 08.00 to 04.00 pm

04. Laboratory -Open at 10.00 am to 01.00 pm

➤ MLT available at same time

05. Student Counsellor -Once a week Tuesday 01.00 pm to 04.00 pm

06. Public Health Inspectors -02 PHI's available at 08.00 am to 04.00 pm

07. Ambulance service on request

➤ University to Hospital and Hostels free of charges

Medical Centre have 15 staff members

i.	Doctors	03
ii.	Dental Surgeon	01
iii.	Nurses	02
iv.	Pharmacist	01
v.	PHI's	02
vi.	Attendants	04
vii.	Labourers	02

13.2.1 Medical Certificates

If a student is unable to attend lectures and /or practical classes due to an illness he/she should inform the university medical officer within a week. If a student wishes he/she can get medical assistance from a government or private doctor. However, the university medical officer should approve the medical certificates issued by them.

13.2.2 Illness during examination period

If a student is unable to sit for the exam due to an illness he/she should inform the university medical officer and examination branch immediately. The medical certificates obtained from outside medical officers should be submitted to the Deans office within three days with the approval of the university medical officer.

Whenever necessary, students should follow the above procedure in producing medical certificate for smooth functioning of their education during stipulated period of study.

13.3 Financial Assistance for Students

There are several financial assistance programmes to help student's finance their education when their own family resources are inadequate. At present, students are offered the following financial assistance for the University education:

Mahapola higher education scholarships

Student bursaries

Education Department Scholarships

Other scholarships

In addition, there are number of Merit scholarships and awards offered to the students of extraordinary performance.

13.3.1 Mahapola Higher Education Scholarships

The University Grants Commission sends application forms to all University entrees to apply for this scholarship. The student should send the completed forms to the University Grants commission. The student's parent's income, the number of siblings studying under 18 years of age, the distance from his/her home to the University and the students rank at district level are considered when granting the scholarship. A merit scholarship is also granted according to student's merits. Amount of money paid for merit and general scholarship are Rs. 5,050.00 and Rs 5,000.00 per instalment respectively.

13.3.2 Student Bursaries

The students who are not granted Mahapola scholarships are able to apply for bursaries offered by the University. The University calls applications for student's loans from University entrees. Family income, the number of siblings studying under 19 years of age and the distance from his/her home to the University is considered when granting the bursaries. Full student bursary per instalment is Rs. 4,000.00 and half student bursary is Rs. 3,900.00 per instalment.

13.3.3 Education Department Scholarship

Students are able to extend the scholarships, which they had in the school through university education. Students should submit all the information about these scholarships to the student's affairs Branch.

13.3.4 Other Scholarships Available via UGC

The University Grants Commission calls applications for the scholarships from the students who do not receive Mahapola or student bursaries. Please refer the UGC official web site for more information.

13.3.5 Viru Sisu Foundation scholarship

This scholarship is granted for a number of selected students who face financial hardships. At the beginning of each academic year a selection committee will decide the amount of the scholarship and the number of students who will receive the scholarship.

13.4 Hostel Facilities

At present, the University supplies hostel facilities only for a limited number of students. However, further expansion of this facility is envisaged. First year and final year students are given the priority. These hostel are looked after by a team consists of Wardens and sub-wardens. A few university-own houses and rented houses as well are used as student's hostels. The Table 11.1 shows currently available hostel

accommodation. Those who get hostel facilities a nominal fee of Rs.600/= is charged as hostel fee for using hostel facilities per student per academic year.

Table 13.1 Hostel facilities available for students.

Hostel	Number of students
<i>Boys Hostels</i>	
Meddawatta	300
Bikku	105
Eliyakanda old (Boys)	80
Eliyakand new (Boys)	396
<i>Girl's Hostels</i>	
Eliyakanda old (Girls)	180
Eliyakand new (Girls)	396
Wellamadama I	92
Wellamadama II	424
Wellamadama III	416
Pamburana II	80
Rented Hostel II	30

13.5 Miscellaneous Facilities

13.5.1 Cafeterias

There are five cafeterias located in the Wellamadama University Complex.

- Student Cafeteria
- Student hostel Cafeteria
- staff cafeterias

13.5.2 Convenience Stores

1. The 'World University Service' maintains a bookshop (WUS Book Shop), which stocks stationary goods.

The University also maintains a co-operative store (SANASA) in University premises, and daily provisions can be brought from it.

2. Facilities of Barbour saloon and Shoe repair center are also available inside the university.

13.5.3 Monthly Season-Tickets

Ruhuna University Students are able to buy monthly season tickets at concessionary rates for the train and for the public bus service.

13.5.4 Postal Service

Ruhuna University Post Office is located opposite to the main entrance and is open from Monday through Saturday from 8.00 am to 5.00 pm.

13.5.5 Banks

Branches of Bank of Ceylon and People's Bank are located at the University premises. The usual banking hours apply to these branches.

13.6 Student Counsellors in the Faculty

Mr. Sanjaya Weerakkodi

Prob. Lecturer

Department of Fisheries and Aquaculture

Miss. L.N. Wijewardane

Prob. Lecturer

Department of Limnology and Water Technology

Mentoring Services:

Each student is assigned to an academic staff member of the Faculty for providing guidance and advices for the successful University carrier. Students are advised to meet their mentors at least once a month the applications of the examinations should be signed by the respective mentor.

Scholarships in the Faculty

"Sisu Diriya Scholoarship" was established in the Faculty to give financial support for a student of low income category from level II until completion of four academic years in the degree programme. Funds for the scholarship have been increased by various activities in the Faculty those are organized by the students of the faculty.

Career Guidance Unit

14.1 Introduction

Career for undergraduates in Universities was recently recognized as a matter of policy by the Government of Sri Lanka. At the University of Ruhuna, the Career Guidance Unit was set up in March 2000 to provide Career Guidance Services to the undergraduates. Since then, the unit has implemented various programmes to make the undergraduates aware of the employment opportunities available, develop the professional qualities and skills required to perform smart in the job market while effectively utilizing career opportunities, and develop the attitudes and soft skills of the students essential to manage both personal life and student life. The unit is also in the process of building continuous links with the private sector as well as the government institutions to facilitate productive interaction between the undergraduates and such institutions to make use the industrial training and career opportunities.

14.2 Staff of Career Guidance Unit

This unit comprises of a Director, Faculty Career Advisors and Career Guidance Counselors as mentioned below.

Director	A.C. Karunaratna / Senior Lecturer Telephone - Office: 041 22222681 Ext: 2132 Mobile: 071 6054017 E-mail: acruhuna@gmail.com
Career Guidance Counsellor	Ms. Sujeewa Dilrukshi Vidanagamage BA (Hon), MA (Sociology), PGD (Counseling), Dip.in Coun. (IPC), MPC Mobile: 071 4475666 Email: sujeewapt@gmail.com
	Ms. Pubudu Mallawarachchi BSc (Hon) (Ruhuna), Dip in Counseling (Ruhuna) Industrial Training (Korea) Mobile: 071 8359365 E-mail: bpkcgu@gmail.com

	Ms. R.M.A.S. Rathnayaka BA (Image Art), Dip in Career Guidance Dip in Photography Mobile: 071 047 3119 Email : anushashamali@gmail.com
Computer Application Assistant	Mr. N.B. R. Madhushanka
Office Assistant	Mr. R. Wasantha

14.3 Faculty Career Advisors

Faculty of Agriculture	Mr. A.L. Sandika / Senior Lecturer Department of Agricultural Economics Mobile : 071 8180670 Email: sandika@agecon.ruh.ac.lk
Faculty of Engineering	Ms. S.N. Malkanthi / Senior Lecturer Department of Civil and Environmental Engineering Mobile: 077 2869264 Email: snmalkanthi@cee.ruh.ac.lk
Faculty of Fisheries and Marine Science & Technology	Dr. P. N. Ranasinghe / Senior Lecturer Department of Oceanography & Marine Geology Mobile : 071 8425475 Email: nalakaranasinghe@hotmail.com
Faculty of Humanities and Social Sciences	Mr. Sumudu Walakuluge Department of Public Policy Mobile: 071 6362036 Email: walakulugeslfs@gmail.com
Faculty of Management and Finance	Mr. A.G. Deepal / Senior Lecturer Department of Accounting and Finance Mobile: 071 2168524 Email: deepalguru@gmail.com

Faculty of Medicine	Dr. Avindra Jayawerdeena / Senior Lecturer Department of Medical Education and Staff Development Unit Mobile: 077 0530249 Email: avindrajaya@gmail.com
Faculty of Science	Dr. K.K.G.U. Hemamali / Senior Lecturer Department of Botany Mobile: 071 8209489 Email: upekshahe@yahoo.com

14.4 Centre Modern Languages & Civilizations (CMLC)

14.4.1 Introduction

This centre was established on July 26, 2002 as “Resource Centre for Modern Languages” and was later upgraded to the Centre for Modern Languages and Civilizations. Presently, French, German, Hindi, Japanese, Korean and Tamil courses are being conducted by this centre for the undergraduates as well as for the staff of the University of Ruhuna. All study programmes on modern languages are conducted by a team of local and foreign instructors/teachers.

14.4.2 Staff Members (CMLC)

Coordinator - Mrs. Lokeshwari Karunarathna
Senior Assistant Registrar - Mr. Piyal Renuka

14.4.3 Language Coordinators

Hindi -Rev Dr. U Mahinda (Dept of Pali & Budhist)
French -Prof. EA Gamini Fonseka (ELTU)
German -Dr. MK Abeyrathna (Dept of Mathematics)
Japanese -Prof. Tilak P.D. Gamage (Dept. of Limnology and Water Technology)
Tamil -Mr. MMA Razzaq (Dept of Geography)
Korean -Prof. Ms. NJ De S Amarasinghe (Dept of Zoology)

Student Unions and Societies

15.1 Student Union

According to the amended University act of 1988, section 26, students of each faculty can form a Faculty Union comprised of all students of the faculty. The main objective of this union is to promote academic actions, to safeguard the rights of the student population, to work for the advancement and welfare of the students and the faculty.

15.2 Student Societies

The society of Fisheries and Living Aquatic Resource was established in 2000. The main objective of this society is to improve public awareness of the importance of conserving and maintaining the living resources of aquatic environments in Sri Lanka, including endemic fish and other economically important living aquatic resources. In addition, society's activities include addressing important matters related to marine and freshwater fishery resources, fishery industry, and ornamental fish production. The society also makes attention to conservation of coral reefs and reef-associated organisms.

<u>Society</u>	<u>Registered Academic Year</u>
1. Soft skills society	2014/ 2015
2. Students society on Oceanography and Marine Geology (SSOMG)	2013/ 2014
3. Society of Fisheries and Aquaculture (SOFAA)	2014/2015
4. Limnology Society (LIMSO)	2016/2017

15.3 The Cultural Centre

This centre functions in collaboration with the Ministry of Cultural Affairs. It consists of an Aesthetic Unit and a Research Unit.

Aesthetic Unit helps to promote aesthetic sensitivity, creative skills among the university population. The unit conducts on oriental music, western music, violin, dancing, cinematic study, literacy efficiency, drawing and sculpting from 4.00 p.m. to 6.00 p.m. on weekdays and from 9.00 am to 4.00 pm at weekends. Research Unit researches and conserves the regional cultural features and heritage of national importance. It is further expected to undertake activities to conserve the regional folk arts and folklore, to collect and conserve the cultural features endemic to this region,

to publish classical articles and make documentary films on the traditional performing arts of the South and the artistes of the South.

Mr. Santhasiri Abeywarna officiates as the Coordinator of the center and Mrs. H. K. Indrani who has been appointed by the Cultural Ministry functions as Cultural Officer.

15.4 Employment Opportunities for Graduates

Temporary Demonstrator

Almost all Departments recruit a considerable number of students as Temporary Demonstrators on completion of their final examination. These assignments normally last for three months up to two years. The selection is based on their performance at examinations as well as in the classes. Special attention is given to satisfactory attendance at lectures and practical classes and performance at English Examinations conducted by the English Language Teaching Unit of the University.

Research Assistantships

Graduates with satisfactory performance at academic programmes would have opportunities to obtain Research Assistantships depending on the facilities and grants available in different Departments of the Faculty. A limited number of Research Assistants will be allowed to proceed for postgraduate degrees such as M.Phil and Ph.D.

Appendices

Appendix B

PROHIBITION OF RAGGING AND OTHER FORMS OF VIOLENCE IN EDUCATIONAL INSTITUTIONS

Act No 20 of 1998

AN ACT TO ELIMINATE RAGGING AND OTHER FORMS OF VIOLENCE, AND CRUEL, INHUMAN AND DEGRADING TREATMENT, FROM EDUCATIONAL INSTITUTIONS

BE it enacted by the Parliament of the Democratic, Socialist Republic of Sri Lanka as follows

Short title

1. This Act may be cited as the Prohibition of Ragging and Other Forms of Violence in Educational Institutions Act, No. 20 of 1998.

Ragging,

- (1) Any person who commits, or participates in; ragging, within or outside an educational institution, shall be guilty of an offence under this Act and shall on conviction after summary trial before a Magistrate be liable, to rigorous imprisonment for a term not exceeding two years and may also be ordered to pay compensation of an amount determined by court, to the person in respect of whom the offence was committed for the injuries caused to such person.
- (2) A person who, whilst committing ragging causes sexual harassment or grievous hurt to any student or a member of the staff, of an educational institution shall be guilty of an offence under this Act and shall on conviction after summary trial before a Magistrate be liable to imprisonment for a term not exceeding ten years and may -also be ordered to pay compensation of an amount determined by court, to the person in respect of whom the offence was committed for the injuries caused to such person

Criminal Intimidation,

- (3) Any person who, within or outside an educational institution, threatens, verbally or in writing, to cause injury to the person, reputation or property of any student or a member of the staff, of an educational institution (in this section referred to as "the victim") or to the person, reputation or property of some other person in whom the victim is interested, with the intention of causing fear in the victim or of compelling

the victim to do any act which the victim is not legally required to do, or to omit to do any act which the victim is entitled to do, shall be guilty of an offence under this Act and shall on conviction after summary trial before a Magistrate be liable to rigorous imprisonment for a term not exceeding five years.

Hostage taking,

(4) Any person who does any act by which the personal liberty and the freedom of movement of any student or a member of the staff of an educational institution or other person within such educational institution or any premises under the management and control of such educational institution, is restrained without lawful justification and for the purpose of forcing such student, member of the staff or person to take a particular course of action, shall be guilty of an offence under this Act and shall on conviction after summary trial before a Magistrate, be liable to rigorous imprisonment for a term not exceeding seven years.

Wrongful restraint,

(5) Any person who unlawfully obstructs any student or a member of the staff of an educational institution, in such a manner as to prevent such student or member of the staff from proceeding in any direction in which such student or member of the staff, has a right to proceed, shall be guilty of an offence under this Act and shall on conviction after summary trial before a Magistrate be liable to rigorous imprisonment for a term not exceeding seven years.

Unlawful confinement,

(6) Any person who unlawfully restrains any student or a member of the staff of an educational institution in such a manner as to prevent such student or member of the staff from proceeding beyond certain circumscribing limits, shall be guilty of an offence under this Act and shall on conviction after summary trial before a Magistrate be liable to imprisonment for a term not exceeding seven years.

Forcible occupation and damage to property of an educational institution,

(7) (1) Any person who, without lawful excuse, occupies, by force, any premises of, or under the management or control of, an educational institution shall be guilty of an offence under this Act, and shall on conviction after summary trial before a Magistrate be liable to imprisonment for a term not exceeding ten years or to a fine not exceeding ten thousand rupees or to both such imprisonment and fine.

(7) (2) Any person who causes mischief in respect of any property of, or under the management or control of, an educational institution shall be guilty of an

offence under this Act and shall on conviction after summary trial before a Magistrate be liable to imprisonment for a term not exceeding twenty years and a fine of five thousand rupees or three times the amount of the loss or damage caused to such property, whichever amount is higher.

Orders of expulsion or dismissal

- (8) Where a person is convicted of an offence under this Act, the court may, having regard to the gravity of the offence"
- (a) In any case where the person convicted is a student of an educational institution; order that such person be expelled from such institution;
 - (b) In any case where the person convicted is a member of the staff of an educational institution; order that such person be dismissed from such educational institution.

Bail

- (9) (1) A person suspected or accused of committing an offence under subsection (2) of section 2 or section 4 of this Act shall not be released on bail except by the judge of a High Court established by Article 154P of the Constitution. In exercising his discretion to grant bail such Judge shall have regard to the provisions of section 14 of the Bail Act, No. 30 of 1997.

Certain Provisions of the Code of Criminal Procedure Act not

- (9) (2) where a person is convicted of an offence under subsection (2) of section 2 or section 4 of this Act, and an appeal is preferred against such conviction, the Court convicting such person may, taking into consideration the gravity of the offence and the antecedents of the person convicted, either release or refuse to release, such person on bail.
- (10) Notwithstanding anything in the Code of Criminal Procedure Act, No, 15 of 1979"
- (a) the provisions of section 303 of that Act shall not apply in the case of any person who is convicted,
 - (b) the provisions of section 306 of that Act shall not apply in the case of any person who pleads or is found guilty, by or before any court of any offence under subsection (2) of section 2 or section 4 of this Act.

Offences under this Act deemed to be cognizable offences or found guilty of an offence under this Act.

- (11) All offences under this Act shall be deemed to be cognizable Offences for the purposes of the application of the provisions of the Code of Criminal Procedure

Act, No. 15 of 1979, notwithstanding anything contained in the First Schedule to that Act.

Certificate.

(12) Where in any prosecution for an offence under this Act, a question arises whether any person is a student or a member of the staff of an educational institution or whether any premises or property is the property of, or is under the management and control of, an educational institution a certificate purporting to be under the hand of the head or other officer of such educational institution to the effect that the person named therein is a student or a member of the staff of such educational institution, or that the premises or property specified therein is the property of, or is under the management and control of, such educational institution, shall be admissible in evidence without proof of signature and shall be prima facie evidence of the facts stated therein.

Admissibility of statement in evidence

(13) (1) If in the course, of a trial for an offence under this Act, any witness shall on any material point contradict either expressly or by necessary implication a statement previously given by him in the course of any investigation into such offence, it shall be lawful for the Magistrate if, after due inquiry into the circumstances in which statement was made, he considers it safe and just."

(a) to act upon the statement given by the witness in the course of the investigation, if such statement is corroborated in material particulars by evidence from an independent source; and

(b) to have such witness at the conclusion of such trial, tried before such court upon a charge for intentionally giving false evidence in a stage of a judicial proceeding

(2) At any trial under paragraph (b) of subsection (1) it shall be sufficient to prove that the accused made the contradictory statements alleged in the charge and it shall not be necessary to prove which of such statement is false

Provisions of this Act to be in addition to and not in derogation of the provisions of the 14. Penal Code & c

(14) The provisions of this Act shall be in addition to and not in derogation of, the provisions of the Penal Code, the Convention against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment Act, No. 22 of 1994 or any other law.

Priority for trials and appeals under this Act.
Sinhala text to Prevail in case of inconsistency

(15) Every Court shall give priority to the trial of any person charged with any offence under this Act and to the bearing of any appeal from the conviction of any person for appeals under any such offence and any sentence imposed on such conviction.

(16) In this Act unless the context otherwise requires" "criminal force", "feal", "force", "grievous hurt", "hurt" and "mischief shall have the respective meanings assigned to them in the Penal Code;

"educational institution" means -

- (a) Higher Educational Institution.
- (b) any other institution recognized under Chapter IV of the Universities Act, No, 16 of 1978;
- (c) the Buddhist and Pali University established by the Buddhist and Pali University of Sri Lanka Act, No. 74 of 1981;
- (d) the Buddha Sravaka Bhikku University, established by the Buddha Sravaka Bhikku University Act, No. 26 of 1996;
- (e) any institute registered under section 14 of the Tertiary and Vocational Education Act, No. 20 of 1990;
- (f) any Advanced Technical institute established under the Sri Lanka institute- of Technical Education Act, No. 29 of 1995;
- (g) a Pirivena registered under the Pirivena Education Act, No. 64 of 1979 and receiving grants from State funds and includes a Pirivena Training institute established under that Act;
- (h) the Sri Lanka Law College;
- (i) the National Institute of Education established, by the National Institute of Education Act, No.
- (j) a College of Education established by the: Colleges of Education Act, No. 30 of 1986, or a Training College;
- (k) a Government school or an assisted school or an unaided school, within the meaning of the Education Ordinance (Chapter 185);
- (l) and includes any other institution established for the purpose of providing education, instruction or training;

"head of an educational institution" means the Vice- Cancellor, Mahopadyaya, Director, President, Principal or any other person howsoever designated charged with the administration and management of the affairs of such educational institution;

“Higher Educational institution” has the meaning assigned to it in the Universities Act, No.16 of 1978;

“ragging” means any act which causes or is likely to cause physical or psychological injury or mental pain or: fear to a student or a member of the staff of an Educational Institution.

'Student “means a student of an Educational Institution.

"Sexual harassment" means the use of criminal force, words or actions to cause sexual annoyance or harassment to a student or a member of the staff of an educational institution.