

**Department of Biological Sciences, Faculty of Applied Sciences**  
**Course Units available in the Disciplines of Biology/Botany/Zoology**  
**1<sup>st</sup> Session - 2020**

**1<sup>st</sup> Year Semester I (2018/2019)**

<b>Discipline</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Lecturer/s in charge</b>
<b>Botany</b>	BOT 1201/ BOT 1205	Plant Diversity*	Dr.(Mrs.) P.L. Hettiarachchi
	BOT 1202	Functional Plant Anatomy and Basic Wood Science* <i>(not for BIO)</i>	Dr. W.M.G.A.S.T.B. Wijetunga
<b>Zoology</b>	ZOO 1201	Invertebrate Diversity*	Dr. Kanishka D.B. Ukuwela / Dr. (Mrs.) D.K. Hettiarachchi
	BIO 1201	Cell Biology & Biochemistry*	Dr. Kanishka D.B. Ukuwela
<b>Interdisciplinary/ Foundation Courses</b>	FDN 1201	General English*	Mr. M.D.S.S. Kumara
	FDN 1203	General Biology <i>(For Physical sciences &amp; ICT students)</i>	Dr. (Mrs.) M.G.T.H. Abayarathna
			<b>* Compulsory</b>

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**2<sup>nd</sup> Year Semester I (2017/2018)**

<b>Discipline</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Lecturer/s in charge</b>
<b>Botany</b>	BOT 2201	Plant Physiology*	Mrs. P.N. Yapa
	BOT 2204	Plant Pathology*	Prof. S. Hettiarachchi
<b>Zoology</b>	ZOO 2201	Animal Histology & Physiology*	Dr. (Mrs.) D.K. Hettiarachchi
	ZOO 2203	Animal Behavior*	Dr. R.P.G. Vandercone
	ZOO 2204	Fish Biology	Dr. (Mrs.) T.V. Sundarabarathy
<b>Interdisciplinary/ Foundation Courses</b>	IDC 2201	English for professional Purpose	Mr. M.D.S.S. Kumara
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**3<sup>rd</sup> Year Semester I (2016/2017) – General**

<b>Discipline</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Lecturer/s in charge</b>
<b>Botany</b>	BOT 3202	Principles and Practices of Horticulture and Landscaping	Dr.(Mrs.) P.L. Hettiarachchi
	BOT 3203	Postharvest Technology of Plant Products	Dr. M.M. Wijayasinghe
	MIB 3204	Food Microbiology	Mrs. P.N. Yapa
<b>Zoology</b>	ZOO 3201	Medical Entomology	Dr. R.L. Jayaratne
	FAM 3201	Fisheries & Aquaculture	Dr. (Mrs.) T.V. Sundarabarathy
	ZOO 3104	Laboratory Techniques in Zoology	Dr. R.L. Jayaratne
<b>Biology</b>	BIO 3201	Molecular Biology*	Dr. E.Y. Fernando
	BIO 3203	Environmental Pollution	Prof. (Mrs.) S.Wickramasinghe
	BIO 3206	Experimental Design and Nonparametric Methods in Statistics*	*** Dr. A.M.K.R. Bandara
	BDC 3301	Concepts of Biodiversity Conservation	Prof. (Mrs.) S. Wickramasinghe
<b>Interdisciplinary/ Foundation Courses</b>	IDC 3202	Standards and Quality Management Systems	*** Mr. Rasika Waduge

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**3<sup>rd</sup> Year Semester I (2016/2017) – Special**  
**Compulsory Courses**

<b>Discipline</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Lecturer/s in charge</b>
<b>Biodiversity &amp; Conservation</b>	BDC 3301	Concepts of Biodiversity Conservation	Prof. (Mrs.) S. Wickramasinghe
	BDC 3203	Introduction to Geographical Information Systems	***Dr. S.M. Young
	BIO 3201	Molecular Biology	Dr. E.Y. Fernando
	BIO 3203	Environmental Pollution	Prof. (Mrs.) S. Wickramasinghe
	BIO 3206	Experimental Design and Nonparametric Methods in Statistics	*** Dr. A.M.K.R. Bandara
	ZOO 3104	Laboratory Techniques in Zoology	Dr. R.L. Jayaratne
<b>Fisheries &amp; Aquaculture Management</b>	FAM 3201	Fisheries & Aquaculture	Dr. (Mrs.) T.V. Sundarabarathy
	ZOO 3104	Laboratory Techniques in Zoology	Dr. R.L. Jayaratne
	BIO 3203	Environmental Pollution	Prof. (Mrs.) S. Wickramasinghe
	BIO 3201	Molecular Biology	Dr. E.Y. Fernando
	BIO 3206	Experimental Design and Nonparametric Methods in Statistics	*** Dr. A.M.K.R. Bandara
	MIB 3204	Food Microbiology	Mrs. P.N. Yapa
	BDC 3203	Introduction to Geographical Information Systems	***Dr. S.M. Young
<b>Microbiology</b>	MIB 3202	Soil Microbiology	Prof. S. Hettiarachchi
	MIB 3203	Virology	Dr. Chamika De Silva
	MIB 3204	Food Microbiology	Mrs. P.N. Yapa
	BOT 3203	Postharvest Technology of Plant Products	Dr. M.M. Wijayasinghe
	BIO 3201	Molecular Biology	Dr. E.Y. Fernando
	BIO 3203	Environmental Pollution	Prof. (Mrs.) S. Wickramasinghe
	BIO 3206	Experimental Design and Nonparametric Methods in Statistics	*** Dr. A.M.K.R. Bandara
			<b>* Compulsory. *** Visiting Lecturer</b>

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**4<sup>th</sup> Year Semester I (2015/2016)**  
**Compulsory Courses**

	<b>Course Code</b>	<b>Course Title</b>	<b>Lecturer/s in charge</b>
<b>Biodiversity &amp; Conservation</b>	BIO 4204	Scientific Communication	Dr. R.P.G. Vandercone
	BDC 4201	Environmental Policies and Management	Dr. (Mrs.) M.G.T.H. Abayarathna
	BDC 4202	Wetland Conservation & Management	Dr. M.M. Wijayasinghe
	BDC 4203	Forest Conservation	Dr. W.M.G.A.S.T.B. Wijetunga
	BDC 4204	Advanced Geographical Information Systems	***Dr. S.M. Young
	BDC 4205	Economics of Biodiversity	*** Dr.(Mrs.) S.N. Dissanayake
	BDC 4206	Limnology & Conservation of Aquatic Resources	Dr. (Mrs.) M.G.T.H. Abayarathna
	BDC 4207	Coastal & Marine Biodiversity Conservation	Dr. (Mrs.) D.K. Hettiarachchi
<b>Fisheries &amp; Aquaculture</b>	BIO 4204	Scientific Communication	} <b>* No Special Students</b>
	FAM 4201	Fishery Recourse Management	
	FAM 4202	Aquaculture Engineering	
	FAM 4203	Aqua farming of Macrophytes	
	FAM 4204	Fish Nutrition & Growth	
	FAM 4205	Fish Health Management	
	FAM 4206	Postharvest Techniques in Fisheries	
	FAM 4207	Fishery Socioeconomics	
<b>Microbiology</b>	BIO 4204	Scientific Communication	Dr. R.P.G. Vandercone
	MIB 4201	Applied Mycology	Mrs. P.N. Yapa
	MIB 4202	Medical Microbiology	Dr. Chamika De Silva
	MIB 4103	Molecular Microbiology	Dr. E.Y. Fernando
	MIB 4204	Microbial Taxonomy	Prof. S. Hettiarachchi
	MIB 4205	Techniques & Strategies in Molecular Biology	Dr. E.Y. Fernando / Dr. Chamika De Silva
	MIB 4207	Microbial Genetics	Dr. E.Y. Fernando

*\* Compulsory*  
*\*\*\* Visiting Lecturer*