

Table of Contents

Biology in Aachen	1
The history of Biology at the RWTH Aachen	3
Biology in the 21 st Century	5
Education and Training in Biology - Towards Various Scientific Degrees	7
First Degree Study Programme.....	8
Department of Botany/Molecular Genetics (Biology I).....	9
Department of Botany/Molecular Genetics (Biology I) Unit of Botany.....	13
Department of Botany/Molecular Genetics (Biology I) Unit of Soil Ecology	15
Department of Zoology /Animal Physiology (Biology II).....	17
Department of Zoology /Animal Physiology (Biology II) Unit of Developmental Biology and Morphology of Animals	21
Department of Zoology /Animal Physiology (Biology II) Unit of General Biology and General Zoology.....	23
Department of Zoology /Animal Physiology (Biology II) Unit of Zoology and Human Biology	25
Department of Plant Physiology (Biology III).....	27
Department of Plant Physiology (Biology III) Unit of Plant Biochemistry.....	31
Department of Microbiology (Biology IV).....	33
Department of Microbiology (Biology IV) Unit of Applied Microbiology.....	37
Department of Ecology, Ecotoxicology, Ecochemistry (Biology V).....	49
Department of Ecology, Ecotoxicology, Ecochemistry (Biology V) Unit of Environmental Chemistry	53
Department of Biotechnology (Biology VI)	55
Department of Molecular Biotechnology (Biology VII).....	59
Department of Biochemical Engineering	63
Fraunhofer Institute IUCT Molecular Biotechnology	67
Fraunhofer Institute IUCT Environmental Safety	68

Curriculum (Biology – Diploma)	69
Curriculum (Teaching qualification option).....	72
List of Research and Teaching Cooperations	74
Useful Addresses	76
Acknowledgements.....	77
How to Find us	78