# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legalization Page</td>
<td>i</td>
</tr>
<tr>
<td>Biography</td>
<td>ii</td>
</tr>
<tr>
<td>Abstract</td>
<td>iii</td>
</tr>
<tr>
<td>Acknowledgement</td>
<td>iv</td>
</tr>
<tr>
<td>Table of Content</td>
<td>vi</td>
</tr>
<tr>
<td>List of Figure</td>
<td>viii</td>
</tr>
<tr>
<td>List of Table</td>
<td>ix</td>
</tr>
<tr>
<td>List of Appendix</td>
<td>x</td>
</tr>
</tbody>
</table>

## CHAPTER I INTRODUCTION
1.1 Problem Background 1  
1.2 Problem Identification 4  
1.3 Problem Scooping 4  
1.4 Research Question 5  
1.5 Research Objective 5  
1.6 Research Benefits 5  
1.7 Operational Definition 6  

## CHAPTER II THEORETICAL REVIEW
2.1 Theoretical Framework 7  
2.1.1 Definition of Biology 7  
2.1.2 General Biology 2  
2.1.2.1 Environment Problem International, National, and Local Level 8  
2.1.2.2 Planet Earth 9  
2.1.2.3 Human Population 9  
2.1.2.4 Ecology and Natural History 9  
2.1.2.5 Natural Resources 10  
2.1.2.6 Environmental Pollution 10  
2.1.2.7 Conservation 11  
2.1.2.8 Environmental Ethic 12  
2.1.3 The Concept of Knowledge 12  
2.1.4 Knowledge Measurement 13  
2.1.4.1 Cognitive Aspect Measurement 13  
2.1.4.2 Bloom Taxonomy 14  
2.1.4.3 Affective Aspect Measurement 15  
2.1.5 The Concept of Attitude 16  
2.1.6 Attitude Measurement 17  
2.1.7 Framework of Thinking 17  

## CHAPTER III RESEARCH METHOD
3.1 Location and Time 19  
3.2 Population and Sampling 19  
3.2.1 Population 19  
3.2.2 Sampling 20
3.3 Research Design 21
3.4 Research Procedure 21
3.5 Research Instrument 22
3.6 Test Research Instrument 23
3.6.1 Validity Test 24
3.6.2 Reliability Test 24
3.6.3 Difficulty Level Test 25
3.7 Data Analysis Technique 26
3.7.1 Knowledge Test Analysis Technique 26
3.7.2 Questionnaire Analysis Technique 28
3.8 Instrument Data Result 28
3.8.1 Validity Test 28
3.8.2 Reliability Test 29
3.8.3 Difficulty Level Test 29

CHAPTER IV RESULT AND DISCUSSION
4.1 Description of Data Research 30
4.2 Result 30
4.2.1 Result of Analysis Students Knowledge 30
4.2.2 Result of Analysis Students Attitude toward General Biology 2 Questionnaire 32
4.2.2.1 The Attitude toward General Biology 2 of Mathematic’ Students 32
4.2.2.2 The Attitude toward General Biology 2 of Physic’ Students 35
4.2.2.3 The Attitude toward General Biology 2 of Chemistry’ Students 37
4.2.2.4 The Attitude toward General Biology 2 of Biology’ Students 39
4.3 Discussion 41
4.3.1 Students Knowledge toward General Biology 2 41
4.3.2 Students Attitudes toward General Biology 2 42

CHAPTER V CONCLUSION AND SUGGESTION
5.1 Conclusions 46
5.2 Suggestions 46

REFERENCES 47