



WEB DESIGN
(CSF 3133)

Lab Report 5

Name: Syamil Bin Md Noor

Matric: S76064

Date: 19/11/2025

Group: K4

Program: Computer Science (Software Engineering)

Activity 1

Welcome to Inline CSS!

This is styled using Inline CSS

Activity 2

Welcome to Internal CSS!

This paragraph is styled using Internal CSS

Activity 3

Welcome to External CSS!

This paragraph is styled using External CSS

Activity 4

Hello, World!

This is styled using Google Fonts

Activity 5

The background-image Property

This demo shows some different techniques on how to set a background image of a HTML element.

The background-image Property

This demo shows some different techniques on how to set a background image of a HTML element.

Activity 6

COMPANY	CONTACT	COUNTRY
Alfreds Futterkiste	Maria Anders	Germany
Ernst Handel	Roland Mendel	Austria
Island Trading	Helen Bennett	UK
Magazzini Riuniti	Giovanni Rovelli	Italy

Activity 7



Lab Exercise

CSS:

```

1  body {
2      margin: 0;
3  }
4
5  /*-----Header-----*/
6
7  header {
8      display: flex;
9      justify-content: space-evenly;
10     align-items: center;
11
12     border-bottom: .7em #000080 solid;
13 }
14
15 header img {
16     width: 20%;
17 }
18
19 /*----- Navigation bar-----*/
20
21 .navigation .navigation-item {
22     display: inline;
23     list-style-type: none;
24     padding: 0px 10px 5px 5px;
25 }
26
27 .navigation .navigation-item a {
28     text-decoration: none;
29     color: #000080;
30     font-size: 20px;
31 }
32
33 .navigation .navigation-item a:hover {
34     text-decoration: none;
35     color: #000080;
36     border-bottom: 5px #000080 solid;
37     font-size: 21px;
38
39     animation-name: nav-item-select;
40     animation-duration: .5s;
41 }
42
43 .navigation #active a {
44     text-decoration: none;
45     color: #000080;
46     font-size: 21px;
47 }
48
49 /*-----Dropdown-----*/
50 .dropdown {
51     display: inline-block;
52 }
53
54 .dropdown-title {
55     display: flex;
56     justify-content: center;
57 }
58

```

```

59 .dropdown:has(.dropdown-content:hover) .dropdown-title,
60 .dropdown:hover .dropdown-title {
61     color: rgb(102, 51, 168);
62 }
63
64 #active,
65 .dropdown:has(.dropdown-content:hover) .dropdown-title a {
66     text-decoration: none;
67     color: rgb(102, 51, 168);
68     font-size: 21px;
69 }
70
71 .dropdown:hover .dropdown-content {
72     display: flex;
73 }
74
75 .dropdown-content:hover {
76     display: flex;
77 }
78
79 .dropdown-content {
80     display: none;
81     flex-direction: column;
82     position: absolute;
83     background-color: rgb(251, 223, 255);
84     box-shadow: 0px 8px 16px 0px rgba(0, 0, 0, 0.2);
85     margin-top: .1em;
86     padding: 1.5em;
87
88     z-index: 5;
89 }
90
91 .dropdown-content a {
92     display: block;
93     padding: .3em;
94 }
95
96 /*-----Main page banner-----*/
97
98 .main-page-banner {
99     align-items: center;
100    position: relative;
101    height: 20em;
102    width: 100%;
103    display: flex;
104    justify-content: center;
105    overflow: hidden;
106 }
107
108 .main-page-banner::before {
109     background-image: url(Images/Graduate.webp);
110     background-repeat: no-repeat;
111     background-position-y: 35%;
112     background-size: cover;
113     background-attachment: fixed;
114     width: auto;
115     height: auto;

```

```

116
117     position: absolute;
118     top: 0;
119     left: 0;
120
121     content: "";
122     width: 100%;
123     height: 100%;
124
125     filter: blur(4px);
126     animation-name: blur-anim;
127     animation-duration: 1.5s;
128     z-index: 0;
129 }
130
131 .main-page-banner h1 {
132     margin: 0;
133     font-size: 100px;
134     color: ■white;
135     text-transform: capitalize;
136     text-align: center;
137     position: relative;
138     z-index: 1;
139
140     animation-name: opacity;
141     animation-duration: 1;
142 }
143
144 /*-----Section container-----*/
145
146 .section-container {
147     background-color: ■rgb(237, 237, 237);
148     padding-bottom: 2em;
149 }
150
151
152
153 .section-container h1 {
154     background-color: ■rgb(102, 51, 168);
155     display: inline-block;
156     padding: .3em .5em;
157     padding-right: 3em;
158     border-bottom-right-radius: 3em;
159     font-size: 2.1em;
160     color: ■white;
161     margin: 0;
162 }
163
164 .section-container-content {
165     display: flex;
166     background-color: ■rgb(237, 237, 237);
167     justify-content: space-evenly;
168     align-items: center;
169 }

```

```

170
171 ✓ .section-container-content p {
172     width: 40em;
173     font-size: 1.1em;
174     text-align: justify;
175     line-height: 1.5em;
176 }
177
178 ✓ .section-container-content img {
179     width: 25em;
180     border-radius: 1em;
181 }
182
183 ✓ .section-container-right {
184     background-color: ■rgb(226, 225, 225);
185     padding-bottom: 2em;
186 }
187
188 ✓ .section-container-right h1 {
189     background-color: ■rgb(102, 51, 168);
190     display: block;
191     padding: .3em .5em;
192     padding-left: 2em;
193     border-bottom-left-radius: 3em;
194     font-size: 2.1em;
195     color: ■white;
196     margin: 0;
197     margin-left: auto;
198     width: fit-content;
199 }
200
201 ✓ .section-container-right .section-container-content {
202     display: flex;
203     background-color: ■rgb(226, 225, 225);
204     justify-content: space-evenly;
205     align-items: center;
206 }
207
208 ✓ .section-container-right .section-container-content ul {
209     width: 40em;
210     font-size: 1.1em;
211     text-align: justify;
212     padding-top: 1em;
213 }
214
215 ✓ .section-container-right .section-container-content li {
216     padding: .3em;
217 }
218
219 ✓ .section-container-right .section-container-content img {
220     width: 25em;
221     border-radius: 1em;
222 }
223

```



```

225 .section-container-center {
226     background-color: ■rgb(251, 223, 255);
227     padding-bottom: 2em;
228     position: relative;
229 }
230
231
232 .section-container-center::before {
233     content: '';
234     position: absolute;
235     top: 0;
236     left: 0;
237     width: 100%;
238     height: 100%;
239
240     background-image: url(Images/background1.png);
241     background-size: cover;
242     z-index: 0;
243 }
244
245 .section-container-center>* {
246     position: relative;
247     z-index: 1;
248 }
249
250
251 .section-container-center h1 {
252     background-color: ■rgb(102, 51, 168);
253     display: block;
254     padding: .1em 5em;
255
256     border-bottom-right-radius: 3em;
257     border-bottom-left-radius: 3em;
258
259     font-size: 2.5em;
260     color: ■white;
261     margin: 0;
262     margin: auto;
263     width: fit-content;
264 }
265
266 .section-container-center hr {
267     border-bottom: 1em ■rgb(102, 51, 168) solid;
268     margin: 0;
269 }
270
271 .section-container-center video {
272     display: block;
273     margin: 1.5em auto 1.5em auto;
274     border-radius: 1em;
275 }
276
277 /*-----Facilities container-----*/
278 .section-container-content-facilities {
279     display: flex;
280     background-color: ■rgb(237, 237, 237);
281     justify-content: space-evenly;
282     align-items: center;
283 }

```

```

285 .section-container-content-facilities-right {
286     display: flex;
287     background-color: #rgb(226, 225, 225);
288     justify-content: space-evenly;
289     align-items: center;
290 }
291
292 .section-container-content-facilities p {
293     width: 40em;
294     font-size: 1.1em;
295     text-align: justify;
296     line-height: 1.5em;
297 }
298
299 .section-container-content-facilities-right p {
300     width: 40em;
301     font-size: 1.1em;
302     text-align: justify;
303     line-height: 1.5em;
304 }
305
306 .section-container-content-facilities-right .img-container,
307 .section-container-content-facilities .img-container {
308     display: flex;
309     width: 30em;
310     justify-content: center;
311     align-items: center;
312     flex-direction: column;
313 }
314
315 .section-container-content-facilities-right img,
316 .section-container-content-facilities img {
317     width: 80%;
318     display: block;
319     padding: 1em;
320     border-radius: 2em;
321     margin: 0;
322 }
323
324 .facility-header {
325     text-align: center;
326     position: relative;
327     font-size: 1.3em;
328     background-color: #rgb(127, 88, 178);
329     border-bottom: .6em #rgb(102, 51, 168) solid;
330 }
331
332 .facility-header::before{
333     content: '';
334     position: absolute;
335     top: 0;
336     left: 0;
337     width: 100%;
338     height: 100%;
339
340     background-image: url(Images/background1.png);
341     background-size: 20em;
342     opacity: 1;
343     z-index: 0;

```

```

345 }
346
347 .facility-header >*{
348     position: relative;
349     z-index: 1;
350 }
351
352 .facility-header h1 {
353     padding: .5em;
354     color: ■white;
355     margin: 0;
356 }
357
358
359
360 /*-----Center article-----*/
361 .center-article {
362     display: flex;
363     flex-direction: column;
364     align-items: center;
365     background-color: ■rgb(251, 223, 255);
366     position: relative;
367     z-index: 1;
368 }
369
370 .center-article::before {
371     content: '';
372     position: absolute;
373     top: 0;
374     left: 0;
375     width: 100%;
376     height: 100%;
377
378     background-image: url(Images/background1.png);
379     background-size: cover;
380     opacity: .1;
381     z-index: 0;
382 }
383
384 .center-article>* {
385     position: relative;
386     z-index: 1;
387 }
388
389 .center-article .title {
390     background-color: ■rgb(102, 51, 168);
391     color: ■white;
392     padding: .5em 2em .5em 2em;
393     border-radius: 0em 1em 0em 1em;
394     border-bottom: .5em ■rgb(179, 82, 203) solid;
395 }
396
397 .center-article article {
398     width: 50em;
399     font-size: 1.1em;
400     text-align: justify;
401     line-height: 1.2em;
402     background-color: ■rgb(232, 190, 238);
403     padding: 1em;

```

```

403     padding: 1em;
404     border-radius: .5em;
405     box-shadow: .5em .5em 1em #rgb(102, 51, 168);
406     margin-bottom: 2em;
407 }
408
409 /*-----Table-----*/
410
411 .table-container {
412     background-color: #rgb(251, 223, 255);
413     padding-top: 4em;
414     padding-bottom: 4em;
415 }
416
417 .table {
418     width: 90%;
419     margin: auto;
420     margin-bottom: 2em;
421 }
422
423 .table,
424 .table th,
425 td {
426     border: .1em solid #black;
427     border-collapse: collapse;
428 }
429
430 .table th {
431     font-size: 1.5em;
432     padding: .5em;
433     background-color: #rgb(102, 51, 168);
434     color: #white;
435     border: .01em solid #black;
436 }
437
438 .table td {
439     padding: .3em;
440     background-color: #rgb(251, 223, 255);
441 }
442
443 .table th td:nth-child(even) {
444     background-color: #rgb(65, 0, 156);
445 }
446
447 .table #row-title {
448     text-align: center;
449     background-color: #rgb(193, 159, 237);
450     font-weight: 300;
451     font-size: 1.2em;
452 }

```

```

/*-----Footer-----*/
.footer {
  width: 100%;
  height: 5em;
  background-color: #666666;
  display: flex;
  justify-content: space-between;
  align-items: center;
}

.footer address {
  padding-left: 2em;
  color: white;
  font-size: 1.1em;
  font-weight: bold;
  font-style: normal;
  font-family: 'Times New Roman', Times, serif
}

.footer .footer-links {
  padding-right: 2em;
}

.footer img {
  width: 2em;
  padding-left: 1em;
}

.footer img:hover {
  width: 2.5em;

  animation: footer-link-select .5s;
}

```

```

492 @keyframes nav-item-select {
493   from {
494     font-size: 20px;
495   }
496
497   to {
498     font-size: 21px;
499     border-bottom: 5px #666666 solid;
500   }
501 }
502
503 @keyframes footer-link-select {
504   from {
505     width: 2em;
506   }
507
508   to {
509     width: 2.5em;
510   }
511 }
512
513 @keyframes opacity {
514   from {
515     transform: translateY(-100%);
516   }
517
518   To {
519     transform: translate(0);
520   }
521 }
522
523 @keyframes blur-anim {
524   from {
525     filter: blur(0px);
526   }
527 }
528
529 to {
530   filter: blur(2px);
531 }

```

index.html:

```

1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <meta charset="UTF-8">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8    <link rel="preconnect" href="https://fonts.googleapis.com">
9    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10   <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Material+Symbols+Outlined:opsz,wght,FILL,GRAD@24,400,0,0&icon_names=arrow_drop_down" />
11   <link href="style.css" rel="stylesheet">
12
13   <title>UMT</title>
14 </head>
15
16 <body>
17   <header class="header">
18     
19     <nav class="navigation">
20       <ul>
21         <li class="navigation-item" id="active"><a href="index.html">Home</a></li>
22         <li class="navigation-item"><a href="bachelor.html">Bachelor</a></li>
23         <li class="navigation-item">
24           <div class="dropdown">
25             <div class="dropdown-title">
26               <a href="facilities.html" class="title">Facilities</a>
27               <span class="material-symbols-outlined">arrow_drop_down</span>
28             </div>
29             <div class="dropdown-content">
30               <a href="facilities.html#ComputerLab">Computer Lab</a>
31               <a href="facilities.html#NanophysicLab">Nanophysics Lab</a>
32               <a href="facilities.html#Aquatrop">Aquatrop</a>
33             </div>
34           </div>
35         </li>
36       </ul>
37     </nav>
38   </header>
39

```

```

40   <main>
41     <!--Banner-->
42     <section>
43       <div class="main-page-banner">
44         <h1>Where dreams becomes a reality</h1>
45       </div>
46     </section>
47
48     <!--About-->
49     <section class="section-container">
50       <div>
51         <h1>About</h1>
52       </div>
53       <div class="section-container-content">
54         <p>Universiti Malaysia Terengganu (UMT) is a public university located in Kuala Nerus, Terengganu,
55         dedicated to marine science, environmental studies, and sustainable research. Established in 2001
56         and granted full university status in 2007, UMT offers a wide range of academic programmes from
57         diploma to postgraduate levels. Known for its strong focus on oceanography, aquatic resources, and
58         environmental conservation, UMT provides a coastal learning environment that supports hands-on
59         research, innovation, and global sustainability efforts.</p>
60         
61       </div>
62     </section>
63

```

```

64
65 <!--Vision and Mission-->
66 <section class="section-container-right">
67   <h1>Objectives</h1>
68   <div class="section-container-content">
69     
70     <ul>
71       <li>Explores all areas related to Science, Technology and Natural Resource Management through
72         research.</li>
73       <li>Provides the latest facilities (laboratories, libraries, computing and environment) to support
74         the development of knowledge, learning and scholarship.</li>
75       <li>Offers excellent programmes of study that meet current and future needs. Produces graduates who
76         are responsible, knowledgeable, confident and competent.</li>
77       <li>Plays an active role in the development of social, economic and education through the expansion
78         services specifically to the local community of the East Coast Peninsular and to the Malaysians,
79         in general.</li>
80     </ul>
81   </div>
82 </section>
83
84 <!--Video about UMT-->
85 <section class="section-container-center">
86   <hr>
87   <h1>Video</h1>
88   <video controls>
89     <source src="Videos/VideoKorporat.mp4">
90     Your browser does not support MP4 video format
91   </video>
92 </section>
93 </main>
94
95 <footer class="footer">
96   <address>University Malaysia Terengganu &copy; 2025 </address>
97   <div class="footer-links">
98     <a href="https://www.youtube.com/channel/UCInJ7YLLQQVN4LiXKeY0GeA/videos" target="_blank"></a>
100     <a href="https://www.instagram.com/OfficialUMT" target="_blank"></a>
102     <a href="https://www.facebook.com/OfficialUMT/" target="_blank"></a>
104   </div>
105 </footer>
106 </body>
107
108 </html>

```

bachelor.html:

```

1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8      <link rel="preconnect" href="https://fonts.googleapis.com">
9      <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10     <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Material+Symbols+Outlined:opsz,wght,FILL,GRAD@24,400,0,0&icon_names=arrow_drop_down" />
11     <link href="style.css" rel="stylesheet">
12
13     <title>UMT</title>
14 </head>
15
16 <body>
17     <header class="header">
18         
19         <nav class="navigation">
20             <ul>
21                 <li class="navigation-item"><a href="index.html">Home</a></li>
22                 <li class="navigation-item" id="active"><a href="bachelor.html">Bachelor</a></li>
23                 <li class="navigation-item">
24                     <div class="dropdown">
25                         <div class="dropdown-title">
26                             <a href="facilities.html" class="title">Facilities</a>
27                             <span class="material-symbols-outlined">arrow_drop_down</span>
28                         </div>
29                         <div class="dropdown-content">
30                             <a href="facilities.html#ComputerLab">Computer Lab</a>
31                             <a href="facilities.html#NanophysicLab">Nanophysics Lab</a>
32                             <a href="facilities.html#Aquatrop">Aquatrop</a>
33                         </div>
34                     </div>
35                 </li>
36             </ul>
37         </nav>
38     </header>
39
40     <main>
41         <section class="center-article">
42             <h1 class="title">Bachelor</h1>
43             <article>
44                 <p>
45                     UMT offers a variety of Bachelor's degree programmes focused on marine science, environmental
46                     studies, aquaculture, fisheries, and related fields. Designed to combine theoretical knowledge with
47                     practical experience, these programmes prepare students for careers in research, industry, and
48                     sustainability initiatives. With access to UMT's coastal campus and specialized research facilities,
49                     students gain hands-on learning opportunities in real-world aquatic and environmental settings.
50                 </p>
51             </article>
52
53             <table class="table">
54                 <thead class="table-head">
55                     <tr>
56                         <th>Faculty</th>
57                         <th>Bachelor Programs</th>
58                     </tr>
59                 </thead>
60                 <tbody class="table-content">
61                     <!-- Faculty of Fisheries Sciences and Aquaculture -->
62                     <tr>
63                         <td rowspan="2" id="row-title">Faculty of Fisheries Sciences and Aquaculture</td>
64                         <td>Bachelor of Applied Science (Fisheries) with Honours</td>
65                     </tr>
66                     <tr>
67                         <td>Bachelor of Science in Aquaculture with Honours</td>
68                     </tr>
69                     <!-- Faculty of Food Sciences and Agrotechnology -->
70                     <tr>
71                         <td rowspan="3" id="row-title">Faculty of Food Sciences and Agrotechnology</td>
72                         <td>Bachelor of Food Science (Food Technology) with Honours</td>
73                     </tr>
74                     <tr>
75                         <td>Bachelor of Food Science (Food Service and Nutrition) with Honours</td>
76                     </tr>
77                     <tr>
78                         <td>Bachelor of Science Agrotechnology (Crop Science) with Honours / Sarjana Muda Sains
79                         Teknologi Pemprosesan Agro dengan Kepujian</td>
80                     </tr>

```


70					<!-- Faculty of Food Sciences and Agrotechnology -->
71					<tr>
72					<td rowspan="3" id="row-title">Faculty of Food Sciences and Agrotechnology</td>
73					<td>Bachelor of Food Science (Food Technology) with Honours</td>
74					</tr>
75					<tr>
76					<td>Bachelor of Food Science (Food Service and Nutrition) with Honours</td>
77					</tr>
78					<tr>
79					<td>Bachelor of Science Agrotechnology (Crop Science) with Honours / Sarjana Muda Sains
80					Teknologi Pemprosesan Agro dengan Kepujian</td>
81					</tr>
83					<!-- Faculty of Science and Marine Environment -->
84					<tr>
85					<td rowspan="8" id="row-title">Faculty of Science and Marine Environment</td>
86					<td>Bachelor of Science (Biological Sciences) with Honours</td>
87					</tr>
88					<tr>
89					<td>Bachelor of Science (Chemical Sciences) with Honours</td>
90					</tr>
91					<tr>
92					<td>Bachelor of Science (Marine Biology) with Honours</td>
93					</tr>
94					<tr>
95					<td>Bachelor of Science (Analytical and Environmental Chemistry) with Honours</td>
96					</tr>
97					<tr>
98					<td>Bachelor of Science (Marine Science) with Honours</td>
99					</tr>
100					<tr>
101					<td>Bachelor of Applied Science (Biodiversity Conservation and Management) with Honours</td>
102					</tr>
103					<tr>
104					<td>Bachelor of Science (Marine Geosciences) with Honours</td>
105					</tr>
106					<tr>
107					<td>Bachelor of Applied Science Nanophysics with Honours</td>
108					</tr>
110					<!-- Faculty of Computer Science and Mathematics -->
111					<tr>
112					<td rowspan="6" id="row-title">Faculty of Computer Science and Mathematics</td>
113					<td>Bachelor of Science (Data Analytics) with Honours</td>
114					</tr>
115					<tr>
116					<td>Bachelor of Science (Financial Mathematics) with Honours</td>
117					</tr>
118					<tr>
119					<td>Bachelor of Science (Applied Mathematics) with Honours</td>
120					</tr>
121					<tr>
122					<td>Bachelor of Comp. Sc (Software Engineering) with Honours</td>
123					</tr>
124					<tr>
125					<td>Bachelor of Comp. Sc with Maritime Informatics with Honours</td>
126					</tr>
127					<tr>
128					<td>Bachelor of Comp. Sc (Mobile Computing) with Honours</td>
129					</tr>
130					

```

131 <!-- Faculty of Ocean Engineering Technology -->
132 <tr>
133 |   <td rowspan="7" id="row-title">Faculty of Ocean Engineering Technology</td>
134 |   <td>Bachelor of Technology (Environmental) with Honours</td>
135 | </tr>
136 | <tr>
137 | |   <td>Bachelor of Applied Science (Electronics and Instrumentation) with Honours</td>
138 | </tr>
139 | <tr>
140 | |   <td>Bachelor of Applied Science (Maritime Technology) with Honours</td>
141 | </tr>
142 | <tr>
143 | |   <td>Bachelor of Mechanical Engineering Technology (Naval Architecture) with Honours</td>
144 | </tr>
145 | <tr>
146 | |   <td>Bachelor of Technology (Renewable Energy) with Honours</td>
147 | </tr>
148 | <tr>
149 | |   <td>Bachelor of Electrical Technology (Energy and Power) with Honours</td>
150 | </tr>
151 | <tr>
152 | |   <td>Bachelor of Applied Science (Maritime Technology) with Honours (Dual Degree)</td>
153 | </tr>
154
155 <!-- Faculty of Maritime Studies -->
156 <tr>
157 |   <td rowspan="3" id="row-title">Faculty of Maritime Studies</td>
158 |   <td>Bachelor of Management (Maritime) with Honours</td>
159 | </tr>
160 | <tr>
161 | |   <td>Bachelor of Management (Maritime Operation) with Honours</td>
162 | </tr>
163 | <tr>
164 | |   <td>Bachelor of Science (Nautical Science and Maritime Transportation) with Honours</td>
165 | </tr>
166
167 <!-- Faculty of Business, Economics and Social Development -->
168 <tr>
169 |   <td rowspan="7" id="row-title">Faculty of Business, Economics and Social Development</td>
170 |   <td>Bachelor of Economics (Natural Resources) with Honours</td>
171 | </tr>
172 | <tr>
173 | |   <td>Bachelor of Counselling with Honours</td>
174 | </tr>
175 | <tr>
176 | |   <td>Bachelor of Finance with Honours</td>
177 | </tr>
178 | <tr>
179 | |   <td>Bachelor of Management (Marketing) with Honours</td>
180 | </tr>
181 | <tr>
182 | |   <td>Bachelor of Management (Policy Studies) with Honours</td>
183 | </tr>
184 | <tr>
185 | |   <td>Bachelor of Management (Tourism) with Honours</td>
186 | </tr>
187 | <tr>
188 | |   <td>Bachelor of Accounting with Honours</td>
189 | </tr>
190 </tbody>
191 </table>
192 </section>
193 </main>
194

```

```

195 <footer class="footer">
196   <address>University Malaysia Terengganu &copy; 2025 </address>
197   <div class="footer-links">
198     <a href="https://www.youtube.com/channel/UC1nJ7YLLQQVN4LiXKeY0GeA/videos" target="_blank"></a>
200     <a href="https://www.instagram.com/OfficialUMT" target="_blank"></a>
202     <a href="https://www.facebook.com/OfficialUMT/" target="_blank"></a>
204   </div>
205 </footer>
206 </body>
207
208 </html>

```

facilities.html

```

1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8   <link rel="preconnect" href="https://fonts.googleapis.com">
9   <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10  <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Material+Symbols+Outlined:opsz,wght,FILL,GRAD@24,400,0,0&icon_names=arrow_drop_down" />
11  <link href="style.css" rel="stylesheet">
12
13  <title>UMT</title>
14 </head>
15
16 <body>
17   <header class="header">
18     
19     <nav class="navigation">
20       <ul>
21         <li class="navigation-item"><a href="index.html">Home</a></li>
22         <li class="navigation-item"><a href="bachelor.html">Bachelor</a></li>
23         <li class="navigation-item">
24           <div class="dropdown">
25             <div class="dropdown-title" id="active">
26               <a href="facilities.html" class="title">Facilities</a>
27               <span class="material-symbols-outlined">arrow_drop_down</span>
28             </div>
29             <div class="dropdown-content">
30               <a href="facilities.html#ComputerLab">Computer Lab</a>
31               <a href="facilities.html#NanophysicLab">Nanophysics Lab</a>
32               <a href="facilities.html#Aquatrop">Aquatrop</a>
33             </div>
34           </div>
35         </li>
36       </ul>
37     </nav>
38   </header>

```

```

40 <main>
41   <div class="facility-header">
42     <h1>Facilities</h1>
43   </div>
44   <!--Computer Lab section-->
45   <section id="ComputerLab" class="section-container">
46     <h1>Computer Lab</h1>
47     <div class="section-container-content-facilities">
48       <p>UMT offers modern and well-equipped computer lab facilities designed to support teaching, learning,
49         and research across various programs. The university provides multiple labs with high-performance
50         desktops, smart-classroom equipment such as projectors and audio systems, and stable network access
51         through LAN and Wifi. Key facilities include the Competency Lab with 41 computers for ICT classes, a
52         large Programming Lab that accommodates around 57 students with Dell Optiplex i7 machines, and
53         dedicated research labs equipped with workstations, printing services, and extended operating hours
54         for postgraduate students. These labs ensure students have access to up-to-date technology for
55         programming, data analysis, and specialized coursework in a comfortable, air-conditioned
56         environment.</p>
57       <div class="img-container">
58         
59       </div>
60     </div>
61   </section>
62
63   <!--Nanophysic Lab Section-->
64   <section id="NanophysicLab" class="section-container-right">
65     <h1>Nanophysic Lab</h1>
66     <div class="section-container-content-facilities-right">
67       <div class="img-container">
68         
69       </div>
70       <p>UMT's nanophysics lab (as part of its nanotechnology-research infrastructure) is well supported by
71         the National Nanotechnology Laboratory Network, housing advanced equipment like an X-Ray
72         Diffractometer (XRD), Scanning Electron Microscope (SEM), and thermal analysis tools such as DSC and
73         TGA.
74         The lab is part of the Faculty of Science and Marine Environment, linked to its Applied Nanophysics
75         degree programme, providing hands-on training in nanomaterial synthesis, thin-film technology,
76         quantum phenomena, and nanodevice fabrication.
77         Through collaborations with industry partners like MIMOS, UMT researchers also engage in
78         cutting-edge nanophysics research.</p>
79     </div>
80   </section>

```



```

82   <!--Aquatrop Section-->
83   <section id="Aquatrop" class="section-container">
84     <h1>Aquatrop</h1>
85     <div class="section-container-content-facilities">
86       <p>UMT's Institut Akuakultur Tropika & Perikanan (AKUATROP) is a leading centre for aquaculture research
87         and innovation. Established in 2004, it focuses on boosting sustainable production of key aquatic
88         species such as fish, prawns, and crabs through cutting-edge R&D.
89         As a Higher Institution Centre of Excellence (HICoE), AKUATROP drives four main research programs:
90         resource sustainability, breeding technology, green technology, and fish health & food quality
91         assurance.
92         Through these areas, it contributes to national food security by developing disease-resistant
93         broodstock, promoting eco-friendly feed alternatives like black soldier fly larvae, and enhancing
94         aquaculture practices.
95         The institute also actively transfers knowledge into the community, for example by designing marine
96         aquaponics systems for local empowerment and partnering with industry for sustainable farming.</p>
97       <div class="img-container">
98         
99       </div>
100     </div>
101   </section>
102 </main>
103
104 <footer class="footer">
105   <address>University Malaysia Terengganu &copy; 2025 </address>
106   <div class="footer-links">
107     <a href="https://www.youtube.com/channel/UCInJ7YLLQQVN4LiXKeY0GeA/videos" target="_blank"></a>
109     <a href="https://www.instagram.com/OfficialUMT" target="_blank"></a>
111     <a href="https://www.facebook.com/OfficialUMT/" target="_blank"></a>
113   </div>
114 </footer>
115 </body>
116
117 </html>


```

Output:

Home Page



**UNIVERSITI
MALAYSIA
TERENGGANU**


Home Bachelor Facilities ▾




Where Dreams Becomes A Reality

About

Universiti Malaysia Terengganu (UMT) is a public university located in Kuala Nerus, Terengganu, dedicated to marine science, environmental studies, and sustainable research. Established in 2001 and granted full university status in 2007, UMT offers a wide range of academic programmes from diploma to postgraduate levels. Known for its strong focus on oceanography, aquatic resources, and environmental conservation, UMT provides a coastal learning environment that supports hands-on research, innovation, and global sustainability efforts.




Objectives




- Explores all areas related to Science, Technology and Natural Resource Management through research.
- Provides the latest facilities (laboratories, libraries, computing and environment) to support the development of knowledge, learning and scholarship.

Objectives






- Explores all areas related to Science, Technology and Natural Resource Management through research.
- Provides the latest facilities (laboratories, libraries, computing and environment) to support the development of knowledge, learning and scholarship.
- Offers excellent programmes of study that meet current and future needs. Produces graduates who are responsible, knowledgeable, confident and competent.
- Plays an active role in the development of social, economic and education through the expansion services specifically to the local community of the East Coast Peninsular and to the Malaysians, in general.

Video



University Malaysia Terengganu © 2025

Bachelor Page



**UNIVERSITI
MALAYSIA
TERENGGANU**

[Home](#) [Bachelor](#) [Facilities](#)



Bachelor

UMT offers a variety of Bachelor's degree programmes focused on marine science, environmental studies, aquaculture, fisheries, and related fields. Designed to combine theoretical knowledge with practical experience, these programmes prepare students for careers in research, industry, and sustainability initiatives. With access to UMT's coastal campus and specialized research facilities, students gain hands-on learning opportunities in real-world aquatic and environmental settings.



Faculty	Bachelor Programs
Faculty of Fisheries Sciences and Aquaculture	Bachelor of Applied Science (Fisheries) with Honours
	Bachelor of Science in Aquaculture with Honours
Faculty of Food Sciences and Agrotechnology	Bachelor of Food Science (Food Technology) with Honours
	Bachelor of Food Science (Food Service and Nutrition) with Honours
Faculty of Science and Marine Environment	Bachelor of Science Agrotechnology (Crop Science) with Honours / Sarjana Muda Sains Teknologi Pemprosesan Agro dengan Kepujian
	Bachelor of Science (Biological Sciences) with Honours
	Bachelor of Science (Chemical Sciences) with Honours
	Bachelor of Science (Marine Biology) with Honours
	Bachelor of Science (Analytical and Environmental Chemistry) with Honours
	Bachelor of Science (Marine Science) with Honours
	Bachelor of Applied Science (Biodiversity Conservation and Management) with Honours
	Bachelor of Science (Marine Geosciences) with Honours
	Bachelor of Applied Science Nanophysics with Honours
	Bachelor of Science (Data Analytics) with Honours
	Bachelor of Science (Financial Mathematics) with Honours
	Bachelor of Science (Applied Mathematics) with Honours

Faculty of Science and Marine Environment	Bachelor of Science (Marine Biology) with Honours
	Bachelor of Science (Analytical and Environmental Chemistry) with Honours
	Bachelor of Science (Marine Science) with Honours
	Bachelor of Applied Science (Biodiversity Conservation and Management) with Honours
	Bachelor of Science (Marine Geosciences) with Honours
	Bachelor of Applied Science Nanophysics with Honours
Faculty of Computer Science and Mathematics	Bachelor of Science (Data Analytics) with Honours
	Bachelor of Science (Financial Mathematics) with Honours
	Bachelor of Science (Applied Mathematics) with Honours
	Bachelor of Comp. Sc (Software Engineering) with Honours
Faculty of Ocean Engineering Technology	Bachelor of Comp. Sc with Maritime Informatics with Honours
	Bachelor of Comp. Sc (Mobile Computing) with Honours
	Bachelor of Technology (Environmental) with Honours
	Bachelor of Applied Science (Electronics and Instrumentation) with Honours
	Bachelor of Applied Science (Maritime Technology) with Honours
	Bachelor of Mechanical Engineering Technology (Naval Architecture) with Honours
Faculty of Maritime Studies	Bachelor of Technology (Renewable Energy) with Honours
	Bachelor of Electrical Technology (Energy and Power) with Honours
	Bachelor of Applied Science (Maritime Technology) with Honours (Dual Degree)
	Bachelor of Management (Maritime) with Honours
Faculty of Business, Economics and Social Development	Bachelor of Management (Maritime Operation) with Honours
	Bachelor of Science (Nautical Science and Maritime Transportation) with Honours
	Bachelor of Economics (Natural Resources) with Honours
	Bachelor of Counselling with Honours
	Bachelor of Finance with Honours
	Bachelor of Management (Marketing) with Honours
	Bachelor of Management (Policy Studies) with Honours
	Bachelor of Management (Tourism) with Honours
	Bachelor of Accounting with Honours

University Malaysia Terengganu © 2025

Facilities Page


**UNIVERSITI
MALAYSIA
TERENGGANU**

[Home](#)
[Bachelor](#)
[Facilities ▾](#)


Facilities

Computer Lab

UMT offers modern and well-equipped computer lab facilities designed to support teaching, learning, and research across various programs. The university provides multiple labs with high-performance desktops, smart-classroom equipment such as projectors and audio systems, and stable network access through LAN and WiFi. Key facilities include the Competency Lab with 41 computers for ICT classes, a large Programming Lab that accommodates around 57 students with Dell Optiplex i7 machines, and dedicated research labs equipped with workstations, printing services, and extended operating hours for postgraduate students. These labs ensure students have access to up-to-date technology for programming, data analysis, and specialized coursework in a comfortable, air-conditioned environment.




Nanophysic Lab



UMT's nanophysics lab (as part of its nanotechnology-research infrastructure) is well supported by the National Nanotechnology Laboratory Network, housing advanced equipment like an X-Ray Diffractometer (XRD), Scanning Electron Microscope (SEM), and thermal analysis tools such as DSC and TGA. The lab is part of the Faculty of Science and Marine Environment, linked to its Applied Nanophysics degree programme, providing hands-on training in nanomaterial synthesis, thin-film technology, quantum phenomena, and nanodevice fabrication. Through collaborations with industry partners like MIMOS, UMT researchers also engage in cutting-edge nanophysics research.


Nanophysic Lab



UMT's nanophysics lab (as part of its nanotechnology-research infrastructure) is well supported by the National Nanotechnology Laboratory Network, housing advanced equipment like an X-Ray Diffractometer (XRD), Scanning Electron Microscope (SEM), and thermal analysis tools such as DSC and TGA. The lab is part of the Faculty of Science and Marine Environment, linked to its Applied Nanophysics degree programme, providing hands-on training in nanomaterial synthesis, thin-film technology, quantum phenomena, and nanodevice fabrication. Through collaborations with industry partners like MIMOS, UMT researchers also engage in cutting-edge nanophysics research.

Aquatrop

UMT's Institut Akuakultur Tropika & Perikanan (AKUATROP) is a leading centre for aquaculture research and innovation. Established in 2004, it focuses on boosting sustainable production of key aquatic species such as fish, prawns, and crabs through cutting-edge R&D. As a Higher Institution Centre of Excellence (HiCoE), AKUATROP drives four main research programs: resource sustainability, breeding technology, green technology, and fish health & food quality assurance. Through these areas, it contributes to national food security by developing disease-resistant broodstock, promoting eco-friendly feed alternatives like black soldier fly larvae, and enhancing aquaculture practices. The institute also actively transfers knowledge into the community, for example by designing marine aquaponics systems for local empowerment and partnering with industry for sustainable farming.



University Malaysia Terengganu © 2025

