



WEB DESIGN
(CSF 3133)

Lab Report 5

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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 Extternal CSS

Activity 4

Hello, World!

This is styled using Google Fonts

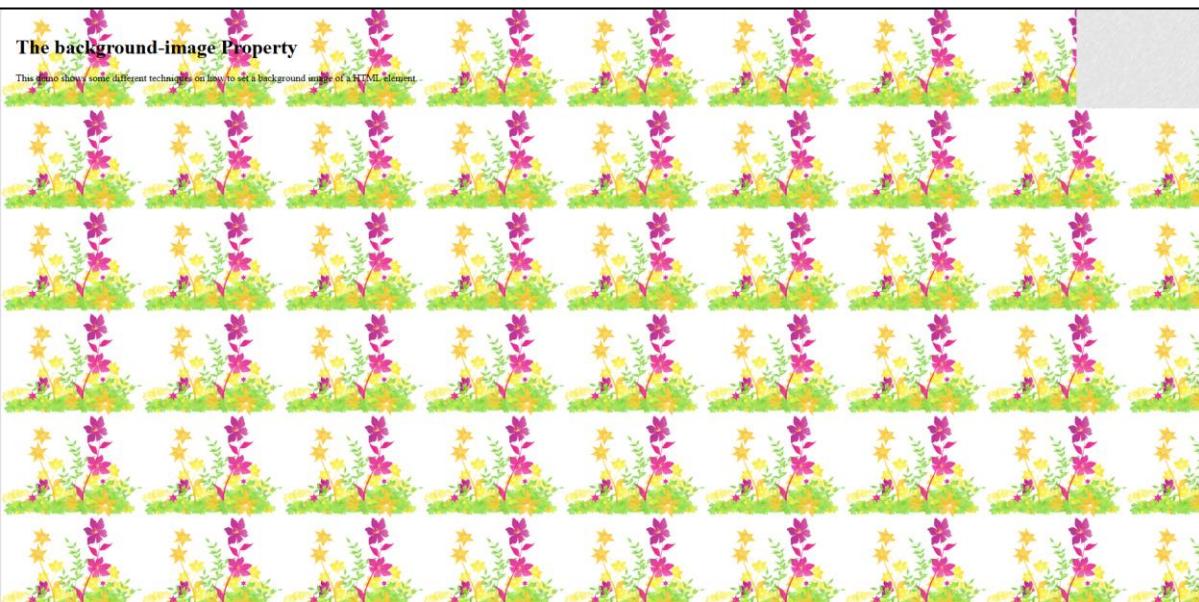
Activity 5

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

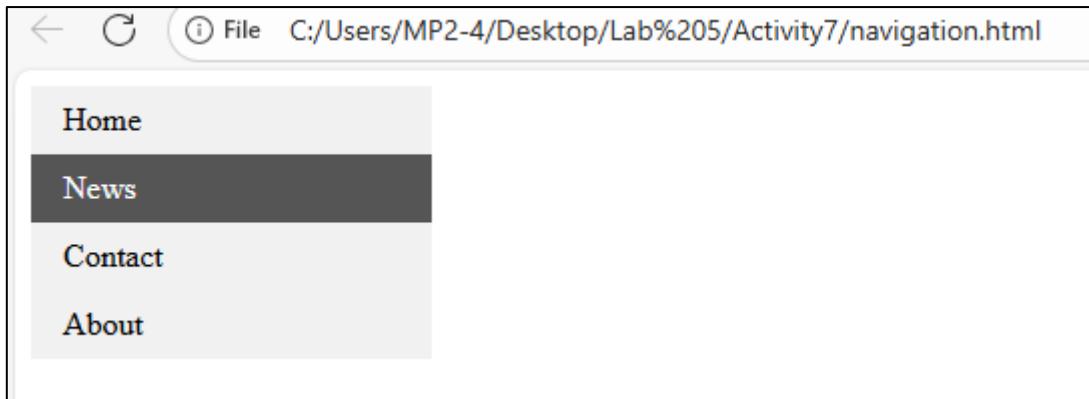
This demo shows some different techniques on how to set a background image of a HTML element.



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 ■rgb(102, 51, 168) 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: □black;
30     font-size: 20px;
31 }
32
33 .navigation .navigation-item a:hover {
34     text-decoration: none;
35     color: ■rgb(102, 51, 168);
36     border-bottom: 5px ■rgb(102, 51, 168) 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: ■rgb(102, 51, 168);
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 }
```

```
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     position: absolute;
117     top: 0;
118     left: 0;
119
120     content: "";
121     width: 100%;
122     height: 100%;
123
124     filter: blur(4px);
125     animation-name: blur-anim;
126     animation-duration: 1.5s;
127     z-index: 0;
128 }
129
130 .main-page-banner h1 {
131     margin: 0;
132     font-size: 100px;
133     color: white;
134     text-transform: capitalize;
135     text-align: center;
136     position: relative;
137     z-index: 1;
138
139     animation-name: opacity;
140     animation-duration: 1;
141 }
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 .section-container-center::before {  
232     content: '';  
233     position: absolute;  
234     top: 0;  
235     left: 0;  
236     width: 100%;  
237     height: 100%;  
238  
239     background-image: url(Images/background1.png);  
240     background-size: cover;  
241     z-index: 0;  
242 }  
243  
244 .section-container-center>* {  
245     position: relative;  
246     z-index: 1;  
247 }  
248  
249  
250 .section-container-center h1 {  
251     background-color: #rgb(102, 51, 168);  
252     display: block;  
253     padding: .1em 5em;  
254  
255     border-bottom-right-radius: 3em;  
256     border-bottom-left-radius: 3em;  
257  
258     font-size: 2.5em;  
259     color: #white;  
260     margin: 0;  
261     margin: auto;  
262     width: fit-content;  
263 }  
264  
265 .section-container-center hr {  
266     border-bottom: 1em #rgb(102, 51, 168) solid;  
267     margin: 0;  
268 }  
269  
270 .section-container-center video {  
271     display: block;  
272     margin: 1.5em auto 1.5em auto;  
273     border-radius: 1em;  
274 }  
275  
276 /*-----Facilities container-----*/  
277 .section-container-content-facilities {  
278     display: flex;  
279     background-color: #rgb(237, 237, 237);  
280     justify-content: space-evenly;  
281     align-items: center;  
282 }  
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     background-image: url(Images/background1.png);
378     background-size: cover;
379     opacity: .1;
380     z-index: 0;
381 }
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;
404 }
```

```
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: #rgb(102, 51, 168);
    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 #rgb(102, 51, 168) 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#NanophysicsLab">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, 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.</p>
55                 
56             </div>
57         </section>
58
59
60
61
62
63

```

```

64      <!--Vision and Mission-->
65      <section class="section-container-right">
66          <h1>Objectives</h1>
67          <div class="section-container-content">
68              
69              <ul>
70                  <li>Explores all areas related to Science, Technology and Natural Resource Management through research.</li>
71                  <li>Provides the latest facilities [laboratories, libraries, computing and environment] to support the development of knowledge, learning and scholarship.</li>
72                  <li>Offers excellent programmes of study that meet current and future needs. Produces graduates who are responsible, knowledgeable, confident and competent.</li>
73                  <li>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.</li>
74              </ul>
75          </div>
76      </section>
77
78
79
80
81
82
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 © 2025 </address>
97      <div class="footer-links">
98          <a href="https://www.youtube.com/channel/UClnJ7YLLQQVN4LiXKeY0GeA/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@24,400,0,0icon_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#NanophysicsLab">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 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.
46                 </p>
47             </article>
48
49             <table class="table">
50                 <thead class="table-head">
51                     <tr>
52                         <th>Faculty</th>
53                         <th>Bachelor Programs</th>
54                     </tr>
55                 </thead>
56
57                 </thead>
58
59                 <tbody class="table-content">
60                     <!-- Faculty of Fisheries Sciences and Aquaculture -->
61                     <tr>
62                         <td rowspan="2" id="row-title">Faculty of Fisheries Sciences and Aquaculture</td>
63                         <td>Bachelor of Applied Science (Fisheries) with Honours</td>
64                     </tr>
65                     <tr>
66                         <td>Bachelor of Science in Aquaculture with Honours</td>
67                     </tr>
68
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 Teknologi Pemprosesan Agro dengan Kepujian</td>
79                     </tr>
80
81                 </tbody>
82             </table>
83
84         </section>
85     </main>
86
87     <script src="script.js" type="module"></script>
88
89 </body>
90
91 </html>

```

```

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 Pemrosesan 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

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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 © 2025 </address>
197     <div class="footer-links">
198         <a href="https://www.youtube.com/channel/UClnJ7YLLQVN4LiXKeY0GeA/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#NanophysicsLab">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, 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.</p>
49         <div class="img-container">
50           
51         </div>
52       </div>
53     </section>
54
55     <!--Nanophysics Lab Section-->
56     <section id="NanophysicsLab" class="section-container-right">
57       <h1>Nanophysics Lab</h1>
58       <div class="section-container-content-facilities-right">
59         <div class="img-container">
60           
61         </div>
62         <p>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.</p>
63       </div>
64     </section>
65
66     <!--Aquatrop Section-->
67     <section id="Aquatrop" class="section-container">
68       <h1>Aquatrop</h1>
69       <div class="section-container-content-facilities">
70         <p>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.</p>
71         <div class="img-container">
72           
73         </div>
74       </div>
75     </section>
76   </main>
77
78   <footer class="footer">
79     <address>University Malaysia Terengganu © 2025 </address>
80     <div class="footer-links">
81       <a href="https://www.youtube.com/channel/UCInJ7YLLQQVN4LiXKeY0GeA/videos" target="_blank"></a>
82       <a href="https://www.instagram.com/OfficialUMT" target="_blank"></a>
83       <a href="https://www.facebook.com/OfficialUMT/" target="_blank"></a>
84     </div>
85   </footer>
86
87 </body>
88
89 </html>

```

Output:

Home Page

The screenshot shows the official website of Universiti Malaysia Terengganu (UMT). At the top, the university's logo and name are displayed, along with navigation links for Home, Bachelor, Facilities, and other options. A large banner features the text "Where Dreams Becomes A Reality" over a background image of graduates in caps and gowns. Below the banner, there are sections for "About" and "Objectives". The "About" section contains a brief description of UMT's mission and history, along with an aerial photo of the campus. The "Objectives" section includes a photo of a research vessel and a list of bullet points detailing the university's goals. A video player at the bottom displays a clip about the Malaysian Maritime Logistics and Transport Centre (MaLTrac), with a progress bar showing 0:45 / 4:22. The footer contains copyright information and social media links.

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.
• 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

Malaysian Maritime Logistics and Transport Centre (MaLTrac)
Industry Centre of Excellence (CoE) for Marine Cluster

0:45 / 4:22

University Malaysia Terengganu © 2025

YouTube Instagram Facebook

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 Bachelor of Food Science (Food Technology) with Honours Bachelor of Food Science (Food Service and Nutrition) with Honours Bachelor of Science Agrotechnology (Crop Science) with Honours / Sarjana Muda Sains Teknologi Pengolahan Agro dengan Kepujian
Faculty of Food Sciences and Agrotechnology	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 Bachelor of Science (Data Analytics) with Honours Bachelor of Science (Financial Mathematics) with Honours Bachelor of Science (Applied Mathematics) with Honours
Faculty of Computer Science and Mathematics	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 Ocean Engineering Technology	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 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)
Faculty of Maritime Studies	Bachelor of Management (Maritime) with Honours Bachelor of Management (Maritime Operation) with Honours Bachelor of Science (Nautical Science and Maritime Transportation) with Honours
Faculty of Business, Economics and Social Development	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

YouTube Instagram Facebook

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.



Nanophysics 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.

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Aquatrop

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