What is a Challenge Test?
Challenge Tests are available in the FIRST SEMESTER for eligible students ONLY. If you pass the Challenge test with a minimum of 60% mark, you will not be required to complete those subjects and will receive advance standing / credits for the course.

Which subjects are the tests available for?
The Challenge tests are available for
- ENVI030 (BCS, BIT-MIS, BBA and BCOM Students)
- MATH060 (BIT-MIS, BBA and BCOM Students)
- MATH070 (BCS Students)

Where can I find the date and time of the Challenge Test?

<table>
<thead>
<tr>
<th>Subject</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVI030</td>
<td>Saturday – 6th June 2020</td>
<td>12pm to 2pm</td>
</tr>
<tr>
<td>MATH060</td>
<td>Saturday – 6th June 2020</td>
<td>9am to 11am</td>
</tr>
<tr>
<td>MATH070</td>
<td>Saturday – 6th June 2020</td>
<td>9am to 11am</td>
</tr>
</tbody>
</table>

Am I eligible for a Challenge Test?
The Challenge test eligibility criteria is stated in Table below

<table>
<thead>
<tr>
<th>Subject</th>
<th>Educational Board</th>
<th>Grade needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH070</td>
<td>CBSE</td>
<td>Above 75 % in Math</td>
</tr>
<tr>
<td></td>
<td>A Levels</td>
<td>A or B in Math</td>
</tr>
<tr>
<td></td>
<td>Iranian Board</td>
<td>17 and above in Math</td>
</tr>
<tr>
<td></td>
<td>UAE Education Board</td>
<td>85% and above in Math</td>
</tr>
<tr>
<td>MATH060</td>
<td>CBSE</td>
<td>75 % and above in Math or Accounting</td>
</tr>
<tr>
<td></td>
<td>A Levels</td>
<td>A or B in Math or Accounting</td>
</tr>
<tr>
<td></td>
<td>Iranian Board</td>
<td>17 and above in Math or Accounting</td>
</tr>
<tr>
<td></td>
<td>UAE Education Board</td>
<td>85% and above in Math or Accounting</td>
</tr>
<tr>
<td>ENVI030</td>
<td>CBSE</td>
<td>75 % and above in Sciences</td>
</tr>
<tr>
<td></td>
<td>A Levels</td>
<td>A or B in Sciences</td>
</tr>
<tr>
<td></td>
<td>Iranian Board</td>
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</tr>
</tbody>
</table>

Other Schools systems will be approved by the Faculty Dean
CHALLENGE TEST
FAQ SHEET

Do I meet the criteria?
You will automatically be assessed to sit Challenge Tests when you apply to study an undergraduate degree at the university. If eligible, you and your Student Recruitment Officer will complete the Challenge Test Registration form along with payment for the test.

Where do I register?
Students who are eligible can fill out the challenge test application with their Student Recruitment Officer.

What is the last date for to register for the Challenge Test?
The last date to register for the Challenge tests is Orientation and Enrolment Day.

Where can I find the Syllabus for the Challenge Tests?
Hard copies of the syllabus can be obtained from the Student Recruitment Department or the Faculty Office in Block 15 – Office – 319.

What is the format of the Challenge tests?
All challenge tests are online exams involving problem solving. Students can visit the faculty office – Room 319 – Block 15 to collect a copy of the review sheet for the tests or Email FacultyOffice@uowdubai.ac.ae

What happens if I get 60% and above in the test?
You will be exempted from enrolling in that subject which you’ve passed the challenge test for and receive advance standing/credits for prior learning for that particular subject. Your academic advisor will help you choose another subject in placed of the passed challenge test subject.

How much does the test cost?
Each Challenge test costs AED 210/- per subject and should be paid to the Cashier in Block 15. Fees are not refundable once the Test is taken.

How will I be notified about my result?
You will receive a SOLSmail and SMS on your registered mobile number. The results will also be displayed on the noticeboard at the Faculty office, Block 15 – 3rd floor.

Do I need a calculator for Challenge test?
Yes. Students are allowed to bring in calculators for the challenge test. ENVI030 Challenge test will not require a calculator. Please meet with the Registrar’s Desk in Block 15 – Ground Floor to have your calculator approved.
Whom do I contact for any academic inquiries regarding the Challenge test at university?
You can email us at FacultyOffice@uowdubai.ac.ae or contact UG Freshmen Program Leader – Dr. Abdellatif Tchanchane – TchanLatif@uowdubai.ac.ae

ENVI030 Syllabus

- Ecology and Cycles
- Evolution and Species Interaction
- Biomes
- Population Growth
- Global Warming
- Natural Resources and Depletion
- Environmental Degradation
- Waste Generation
- Sustainability

Text Reference:

Link to eBook - https://uowd.box.com/s/e9wmqvdudt7z6siqlgnaabyn4fux4zb

MATH060 Syllabus

- Business equations and graphs
  Equation of lines intersection of lines, distance, graphing, Quadratic functions and graphing, Cost, Revenue and Profit Functions, Solving Linear Equations, Estimating solution(s) of a quadratic equation by graphing

- Finance Mathematics
  Compounding, discounting and annuities, Interest and Depreciation Present Value and Investment Annuities

- Data and their presentation
  Importance and role of Statistics in Business, Marketing and Finance, Sampling and Data Collection, Data and their Accuracy, Data types, Frequency Distributions and Charts, General Charts and Graphs, Organizing data Summary tables, contingency tables, Frequency Distributions, Histograms

- Statistical measures
  Arithmetic Mean Median, Mode and Other Measures of Location Weighted Averages, coefficient of variation, Measures of Dispersion and Skewness, Standard Deviation, Quantiles and the Quartile Deviation Five Number Summary, Box plots
• **Introduction to probabilities**


  Conditional Probability Introduction to continuous distribution: Normal distribution

  **Text Reference:**


  Link to eBook - [https://uowd.app.box.com/s/jkr04dfa3nbypbh7dx5vmebtv9mmr5ma](https://uowd.app.box.com/s/jkr04dfa3nbypbh7dx5vmebtv9mmr5ma)

  **MATH070 Syllabus**

  • Integer exponents
  • Rational exponents and radicals
  • Functions and their graphs (even, odd, symmetry, transformation…)
  • Linear and quadratic functions
  • Special functions (power, root, and piecewise)
  • Polynomial functions
  • Rational functions
  • Logarithms and exponential functions
  • Trigonometric and inverse trigonometric functions
  • Polynomial inequalities
  • Trigonometric equations
  • Trigonometric identities
  • Probability and counting techniques
  • Basic differentiation properties
  • Limits algebraically
  • Basic integrations and the Fundamental Theorem of Calculus
  • Descriptive statistics and the normal distribution.

  **Text Reference:**


  Link to eBook - [https://uowd.box.com/s/w552ozd2ikgupi2qyu1jo7diamec1xlz](https://uowd.box.com/s/w552ozd2ikgupi2qyu1jo7diamec1xlz)

  Link to eBook- [https://www4.uowdubai.ac.ae/sites/default/files/documents/allyn_j._washington_3.pdf](https://www4.uowdubai.ac.ae/sites/default/files/documents/allyn_j._washington_3.pdf)