BSc FINANCIAL MATHEMATICS & ECONOMICS

www.nuigalway.ie/science
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<tr>
<th>Year 1</th>
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<th>Year 3</th>
<th>Year 4</th>
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<td>[60 credits]</td>
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| There are 60 credits of Core modules. | There are 60 credits of Core modules. | There are 60 credits of Core modules. | There are 50 credits of Core modules. 
Choose one project module to a value of 10 credits: 
- Economics Project 
- Mathematical Physics Project 
- Mathematics Project |

Module Descriptors for Years 1 to 4 are available at: [http://www.nuigalway.ie/science/undergraduate-courses/financial-mathematics-and-economics.html#course_outline](http://www.nuigalway.ie/science/undergraduate-courses/financial-mathematics-and-economics.html#course-outline)
## BSc Financial Mathematics and Economics

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<td><strong>Core: 60 credits</strong></td>
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<td><strong>Core: 50 credits; Options: 10 credits</strong></td>
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### Full Year – Semester 1 and Semester 2

#### Semester 1

#### Semester 2
- MA283: Linear Algebra [5]  
- MA2287: Complex Analysis [5]  
- MP211: Modelling, Analysis & Simulation [5]  

### Semester 1
- MA3343: Groups [5]
- MA341: Metric Spaces [5]
- EC369: Money And Banking [5]
- EC3101: Microeconomics and Public Policy [5]

### Semester 2
- MA490: Measure Theory [5]  
- EC4100: Derivatives and Risk Management [5]  
- EC420: International Monetary Economics [5]  
- CS4423: Networks [5]  
- MP491: Non Linear Systems [5]  

* Select one 10-credit module  
* This module runs on a two-year cycle. An alternative module is offered next academic year.