

<b>2024/2025</b>	Wind Quintet Scholarship <i>For sustained dedication to music duties, improvement in musical performance and musical leadership</i>
<b>2023/2024</b>	Brass Chamber Scholarship <i>For sustained dedication to music duties, improvement in musical performance and musical leadership</i>
<b>2022/2023</b>	Brass Chamber Scholarship <i>For sustained dedication to music duties, improvement in musical performance and musical leadership</i>
<b>2021/2022</b>	Brass Chamber Scholarship <i>For sustained dedication to music duties, improvement in musical performance and musical leadership</i>

### Academic prizes

<b>2024/2025</b>	Deans' List <i>Awarded to students who average above 16.5 in all modules across the academic year</i>
<b>2024/2025</b>	The Principal’s Scholarship for Academic Excellence
<b>2023/2024</b>	Deans' List <i>Awarded to students who average above 16.5 in all modules across the academic year</i>
<b>2022/2023</b>	Deans' List <i>Awarded to students who average above 16.5 in all modules across the academic year</i>
<b>2022/2023</b>	Medal (Theoretical Physics Third level) <i>Awarded for performance in Third level Theoretical Physics</i>
<b>2022/2023</b>	St Andrews Research Internship Scheme - Summer <i>Awarded for completing a high quality research-based internship</i>
<b>2022/2023</b>	William David Brodie Prize <i>Awarded to the most outstanding students in the Junior Honours Physics class</i>
<b>2021/2022</b>	Deans' List <i>Awarded to students who average above 16.5 in all modules across the academic year</i>
<b>2021/2022</b>	Medal (Module PH2011 Physics 2A) <i>Awarded for performance in Module PH2011 - Physics 2A</i>

Student record 210000258/1

Owain Thorp

Module grades

Total SCOTCAT credits awarded635

SCOTCAT (Scottish Credit Accumulation and Transfer) is the credit scheme used in the Scottish Credit and Qualifications Framework (SCQF).

Total ECTS credits awarded317.5

ECTS (European Credit Transfer and Accumulation System) is the credit transfer scheme used across higher education in Europe. 2 SCOTCAT credits equate to 1 ECTS credit.

Total RPL/ASC credits awarded120

Recognition of Prior Learning (RPL) / Advanced Standing Credits (ASC). Please review our policy documents for clarification of these terms.

Semester codes

S1Semester 1

S2Semester 2

Y1Whole year

Result codes

EExternal Assessment

PPassed assessment

2024/25 MPhys (Hons) Mathematics and Theoretical Physics

Period and module code and title		SCOTCAT		ECTS	Grade and result	
		Possible	Gained	Gained	Attempt 1	Attempt 2
S1	AS5001 <i>Advanced Data Analysis</i>	15	15	7.5	19.7	P
S1	MT3503 <i>Complex Analysis</i>	15	15	7.5	19	P
S1	MT4514 <i>Graph Theory</i>	15	15	7.5	18.4	P
S2	MT4512 <i>Automata, Languages and Complexity</i>	15	15	7.5	17.2	P
S2	MT5870 <i>Hyperbolic Geometry</i>	15	15	7.5	17.8	P
S2	MT5867 <i>Mathematical Logic and Set Theory</i>	15	15	7.5	18.1	P
S2	VP5138 <i>Vertically Integrated Project: Using Artificial Intelligence for Decision Making</i>	15	15	7.5	19	P
Y1	MT5599 <i>Advanced Project in Mathematics / Statistics</i>	30	30	15	18.7	P
		135	135	67.5		

## 2023/24 MPhys (Hons) Mathematics and Theoretical Physics

Period and module code and title		SCOTCAT		ECTS	Grade and result	
		Possible	Gained	Gained	Attempt 1	Attempt 2
S1	MT5868 <i>Advanced Ring Theory</i>	15	15	7.5	17.8	P
S1	MT5865 <i>Measure Theory</i>	15	15	7.5	20	P
S1	PH4040 <i>Nuclear and Particle Physics with Advanced Skills</i>	15	15	7.5	18.3	P
S1	PH4032 <i>Special Relativity and Fields</i>	15	15	7.5	17.6	P
S2	MT5877 <i>Ergodic Theory and Dynamical Systems</i>	15	15	7.5	19.3	P
S2	MT4003 <i>Groups</i>	15	15	7.5	18.7	P
S2	PH3012 <i>Thermal and Statistical Physics</i>	15	15	7.5	16.5	P
S2	MT4526 <i>Topology</i>	15	15	7.5	17.2	P
		120	120	60.0		

## 2022/23 MPhys (Hons) Mathematics and Theoretical Physics

Period and module code and title		SCOTCAT		ECTS	Grade and result	
		Possible	Gained	Gained	Attempt 1	Attempt 2
S1	MT3501 <i>Linear Mathematics 2</i>	15	15	7.5	19.3	P
S1	PH3081 <i>Mathematics for Physicists</i>	15	15	7.5	19.6	P
S1	PH3080 <i>Computational Physics</i>	10	10	5	19.2	P
S1	PH3061 <i>Quantum Mechanics 1</i>	10	10	5	19.3	P
S1	MT3502 <i>Real Analysis</i>	15	15	7.5	19	P
S2	MT3505 <i>Algebra: Rings and Fields</i>	15	15	7.5	20	P
S2	PH3007 <i>Electromagnetism</i>	15	15	7.5	18.9	P
S2	PH4038 <i>Lagrangian and Hamiltonian Dynamics</i>	15	15	7.5	17.9	P
S2	PH3062 <i>Quantum Mechanics 2</i>	10	10	5	19.6	P
		120	120	60.0		

## 2021/22 MPhys (Hons) Mathematics and Theoretical Physics

Period and module code and title		SCOTCAT		ECTS	Grade and result	
		Possible	Gained	Gained	Attempt 1	Attempt 2
EX	EXA120 ** <i>Advanced standing credits 120</i>	120	120	60	E	
S1	MT2502 <i>Analysis</i>	15	15	7.5	19	P
S1	MT2501 <i>Linear Mathematics</i>	15	15	7.5	20	P
S1	PH2011 <i>Physics 2A</i>	30	30	15	19.6	P
S2	MT2505 <i>Abstract Algebra</i>	15	15	7.5	17	P
S2	MT2503 <i>Multivariate Calculus</i>	15	15	7.5	19	P
S2	PH2012 <i>Physics 2B</i>	30	30	15	19.3	P
S2	PY1012 <i>Reasoning</i>	20	20	10	18.9	P
		260	260	130.0		

<b>Qualification aim</b>	Master in Physics (Honours)
<b>Qualification achieved</b>	Master in Physics (Honours)
<b>Classification achieved</b>	First Class
<b>Supervising academic schools</b>	School of Mathematics and Statistics School of Physics and Astronomy
<b>St Andrews GPA</b>	18.6
<b>Further information</b>	
<b>Status of award</b>	Qualification awarded
<b>Date of award</b>	3 July 2025
<b>Time of St Andrews graduation</b>	Thursday, 3 July 2025 02:00 pm