

ISUtrecht recommendations IBDP subjects and admission

Dutch Research Universities Entry September 2022

English Track Undergraduate Courses (3 years bachelor degree)

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NOTE: If you do not have the required math level for **Science and Engineering** courses, you may be able to supplement your grade by sitting an admissions test. Training and exams can be taken - for example - at the [Boswell-Beta Institute](#) in Utrecht, the Netherlands. Alternatively, you can take the [Online Mathematics Placement Test](#) (OMPT). The student is responsible for ensuring that one of these tests is accepted for their chosen course. This may be also the case for physics/chemistry Level.

English Proficiency- IB students are usually exempt from English language proficiency requirements for Dutch university courses in English (although a Uni may request a particular grade at HL/SL). If a student wishes to study through Dutch, they must take Dutch Language and literature A (HL preferred).

To compare different courses available please use [studiekeuze](#)

MEDICINE AND SCIENCE COURSES

Course	Language	Humanity/Arts	Science	Math	Notes
Medicine	Eng + 1	0	Bio HL, Chem SL, Phys SL (HL chem recommended)	AA HL/SL or AI HL	package exemption from the IB required
Molecular Life Sciences	Eng + 1	1	Chem HL, Phys HL	AAHL/SL or AIHL	Radboud-30 points (excl.TOK/EE) All grades 4 and higher
Biology	Eng + 1	0	Bio HL Chem HL, Phys SL- (some courses require all 3)	AAHL/SL or AIHL	<ul style="list-style-type: none"> ▪ Radboud-require 2 sciences at HL, and one Science at SL-they regard math as a science subject ▪ Maastricht Science programme-alternative course with no subject requirements

Biomedical sciences	Eng + 1	0	Bio HL Chem HL, Phys SL	AAHL/SL or AIHL	Maastricht
Pharmacy	Eng + 1	1	Chem HL, Phys HL	AAHL/SL or AIHL	RUG
Chemistry	Eng + 1	1	Phys + Chem (1 HL, 1SL)	AAHL	RUG
Life Science and Technology	Eng + 1	1	Phys + Chem (1 HL, 1SL)	AAHL	RUG and Twente
Applied Physics	Eng + 1	1	Phys HL +1	AAHL	RUG
Astronomy	Eng + 1	1	Phys HL +1	AAHL	RUG
Physics	Eng + 1	1	Phys HL +1	AAHL	RUG
Nanobiology	Eng + 1	1/0	Phys HL + Bio HL or PhysHL + Bio SL + Chem SL	AAHL	TU Delft
Applied Earth Sciences	Eng + 1	1	PhysHL + Chem SL	AAHL	TU Delft
Data Science and Artificial intelligence	Eng + 1	1	+2	AAHL, or * AASL with a minimum grade of 5, or * AIHL with a minimum grade of 5	Maastricht
Animal Sciences	Eng+1	Geo	Chem, Phy (1 HL, 1SL)	AASL/HL AIHL	Wageningen
Environmental Sciences	Eng+1	1	Chem, Phy (1 HL, 1SL)	AASL/HL AIHL	Wageningen
Food technology	Eng+1	Geo	Chem HL + Bio/phy	AASL/HL AIHL	Wageningen
Soil, Water, Atmosphere	Eng+1	1	Chem, Phy (1 HL, 1SL)	AASL/HL AIHL	Wageningen
Data Science	Eng+1	1	2 (1 HL)	AA HL	Tilburg
Applied Mathematics	Eng+1	1	+2 (Phy HL Recommended)	AAHL	Twente/RUG/Eindhoven
Applied Technology	Eng+1	1	Phys HL +1	AAHL	Twente
Technology and Liberal Arts & Sciences	Eng+1	1	Phys HL preferred but Bio/chem accepted	AAHL but not fully specified	Twente- Atlas new course so lower math grade may be accepted

ENGINEERING, COMPUTER SCIENCE, ARCHITECTURE					
Course	Language	Humanity/Arts	Science	Math	Notes
Chemical Engineering	Eng + 1	1	Phys and Chem (1 HL, 1SL)	AAHL	RUG
Biomedical Engineering	Eng + 1	1	Phys HL	AAHL	RUG
Industrial Engineering and management	Eng + 1	1	Phys HL	AAHL	RUG For Twente- only the AAHL required
Computer Science & Engineering	Eng + 1	1	Chem, Phys preferred	AAHL	TU Delft
Aerospace Engineering	Eng + 1	1	Phys HL, +1 (chem preferred)	AAHL	TU Delft
Chemical Science and Engineering	Eng+1	1	Phys and Chem (1 HL, 1SL)	AAHL	Twente
Civil Engineering	Eng+1	1	Phy HL +1	AAHL	Twente- accepts SL Phy
Electrical Engineering	Eng+1	1	Phy HL +1	AA HL	Twente accepts SL Phy
Industrial Design Engineering	Eng+1	Visual arts-suggested	Phy HL	AA HL	Twente accepts SL Phy
Mechanical Engineering	Eng+1	1	Phy HL +1	AA HL	Twente
Technical Computer Science	Eng+1	1	2	AA HL	Twente
Architecture	Eng+1	1	Phy HL +1	AA HL	Eindhoven/Wageningen-only option

BUSINESS COURSES					
Course	Language	Humanity/Arts	Science	Math	Notes
Business Analytics	Eng+1	Bus Man HL +1	1HL	AA SL/HL	Maastricht
Business Engineering	Eng+1	Bus Man HL	1/2	AA SL/HL	Maastricht
Econometrics and Operations Research	Eng+1	Bus Man HL +1	1	AA SL/HL	RUG
Economics and Business Economics	Eng+1	Bus Man HL/ Eco HL +1	1	AA SL/HL or AI HL	RUG
International Business	Eng+1	Bus Man HL +1	1	AA SL/HL or AI HL	RUG * Erasmus and info about entrance test
Actuarial Science	Eng+1	Bus Man HL +1	1	AAHL	UvA 4 in math required
Business administration	Eng+1	Bus HL+1	1	AA SL AIHL	UvA 4 in math required
Business analytics	Eng+1	Bus HL+1	1	AAHL	UvA 4 in math required
Econometrics	Eng+1	Bus HL/ Eco HL	1	AAHL	UvA 4 in math required
Economics and Business Economics	Eng+1	Bus HL/ Eco HL or both	1/2	AA SL/AIHL	UvA 5 in math required
International Business administration	Eng+1	Bus HL/ Eco HL	1/2	AI HL	Twente + Tilburg accept AISL
Business information Technology	Eng+1	Bus HL +1	1	AA HL	Twente

BEHAVIOURAL AND SOCIAL SCIENCES					
Course	Language	Humanity/Arts	Science	Math	Notes
Social Sciences	Eng+1	2	1	AI SL	Can specialise in Psychology at RUG
Psychology	Eng+1	2-Psychology suggested	1 (HL Bio suggested)	AI HL	Twente and Tilburg accept AISL <ul style="list-style-type: none"> • See Social sciences
Global Management of social issues	Eng+1	Geo/Hist/Bus/VA 2 HL	1	AI SL	Tilburg
Human Resource Studies: People Management	Eng+1	1HL, +1	1	AI SL	Tilburg
International Sociology	Eng+1	2	1	AI SL	Tilburg
Digital Society	Eng+1	2	1	AI SL	Maastricht
European studies	Eng+1HL suggested	2	1	AI SL	Maastricht
Global studies	Eng+1HL suggested	2	1	AI SL	Maastricht
Communication Science	Eng+1HL suggested	2	1	AI SL	UvA
Computational Social Science	Eng+1HL suggested	1/2	1/2	AI HL	UvA
Cultural Anthropology and Development Sociology	Eng+1HL suggested	2	1	AI SL	UvA
Sociology	Eng+1HL suggested	2	1	AI SL	UvA
International Relations and International Organization	Eng+1HL suggested	2	1	AI SL	RUG
Security Studies	Eng +1	Geo +1 1 HL	1	AI HL	Leiden

LAW, POLITICS COURSES

Course	Language	Humanity/Arts	Science	Math	Notes
Law in Society	Eng +1 HL suggested	His +1 1 HL	1	AI SL	
European Law	Eng +1 HL suggested	His +1 1 HL	1	AI SL	Maastricht
Political Science	Eng +1 HL suggested	His +1 1 HL	1	AI SL	UvA Leiden, Radboud, VU
Politics, Psychology, Law and Economics (PPLE) .	Eng +1 HL suggested	Bus/Econ/ Psychology and His	1	AI HL/AA SL	UvA -34 pts 4 in AASL/AIHL 5 in Eng
Global Law	Eng +1 HL suggested	His +1 1 HL	1	AI SL	Tilburg
Law	Eng +1 HL suggested	His +1 1 HL	1	AI SL	Tilburg, UvA, VU
International and European Law	Eng +1 HL suggested	His +1 1 HL	1	AI SL	RUG- 35 points, English A SL-5
European Law school	Eng +1 HL suggested	His +1 1 HL	1	AI SL	Maastricht, Radboud
Philosophy, Politics and Economics (PPE)	Eng +1 HL suggested	His +1 1 HL	1	AI SL	VU, UU 31+ Points excl TOK+EE

ARTS COURSES					
Liberal Arts and Sciences	Eng +1	1/2	1/2	AIHL	UvA Eng SL min. 5 Math depending on major: • Humanities: AISL-7 • Social Sciences/Science: AASL/AIHL minimum of 6 points
History	Eng HL +1	His HL +1	1	AISL	RUG
Comparative European History	Eng HL +1	His HL +1	1	AISL	Radboud
Philosophy	Eng +1HL	2 HL	1	AISL	Tilburg
Film and Literary studies					Leiden
Media, Art, Design and Architecture	Eng +1HL	2 HL	1	AISL	VU
Religious studies	Eng +1	2	1	AISL	
Theology	Eng +1	2	1	AISL	
Cultural Sciences	Eng +1	2	1	AISL	Maastricht
Liberal arts and Sciences	Eng +1	His and Bus HL	Bio HL Suggested	AIHL	Tilburg/Leiden/AUC AISL is accepted for some majors RUG accepts AISL
Media and Culture	Eng +1	2	1	AISL	RUG
Celtic Languages and Culture	Eng +1HL	History +1	1	AISL	
Dutch Studies	Dutch HL + 1	2	1	AISL	
English Language and Culture	Eng HL +1	2	1	AISL	RUG

European Languages and Culture	Eng HL +1HL	2	1	AISL	RUG
Human Geography & Urban and Regional Planning	Eng+1	Geo HL +1	1	AISL	RUG
Literature and Society (English)	Eng HL +1	2	1	AISL	
Literary and Cultural Analysis (Literary Studies)	Eng HL +1	2	1	AISL	
Media Studies	Eng +1HL	2 1HL	1	AISL	RUG
Minorities and Multilingualism	Eng +1HL	Geo/His 1HL	1	AISL	RUG
Linguistics	Eng +1HL	2	1	AISL	RUG/UvA

RUG- University of Groningen- [IB Subject requirements](#)

UvA select International Baccalaureate as country- [IB Subject requirements](#)

Wageningen- [IB Subject requirements](#)

Tu Delft- [IB Subject requirements](#)

Maastricht [IB Subject requirements](#)

Twente [IB Subject requirements](#)

Tilburg [IB Subject requirements](#)

TU Eindhoven [IB Subject requirements](#)

Erasmus [International Business requirements](#)