

IB (International Baccalaureate) Matrix

The International Baccalaureate Diploma curriculum determines the requirements for student of the Diploma program. Students can choose six subjects from six groups. These groups are: Studies in Language and Literature, Language Acquisition, Individuals and Societies, Sciences, Mathematics, and The Arts. Accepted grades for Standard Level (SL) test scores of 4 or 5 will transfer in as 3 credits. Accepted grades for Higher Level (HL) test scores of 7 will transfer in as 6 credits (3 as an elective). Students must earn a total of 24 points out of 45 to receive a diploma. Only numerical grades are accepted.

Examination Subject	Score	Indiana Tech Equivalency		Credits
Studies in Language & Literature				
Language A: Literature	4, 5 or 7	Humanities Lit Elective	HUM LIT	3
Language A: Language and Literature	4, 5 or 7	Humanities Lit Elective	HUM LIT	3
Literature and Performance (SL only)	4, 5	Humanities Lit Elective	HUM LIT	3
Language Acquisition				
Language AB (SL only)	4, 5	Humanities Elective	HUM EL	3
Language B	4, 5 or 7	Humanities Elective	HUM EL	3
Individuals & Societies				
Business Management	4, 5 or 7	Principles of Management	BA 2010	3
Economics	4, 5 or 7	Macroeconomics	ECON 2200	3
Geography	4, 5 or 7	Social Science Elective	SS EL	3
Global Politics	4, 5 or 7	Social Science Elective	SS EL	3
History	4, 5 or 7	Social Science Elective	SS EL	3
Information Technology in a Global Society	4, 5 or 7	Intro to Information Systems	IS 1100	3
Philosophy	4, 5 or 7	Intro to Philosophy	HUM 2730	3
Psychology	4, 5 or 7	Intro to Psychology	PSY 1700	3
Social and Cultural Anthropology	4, 5 or 7	Intro to Anthropology	SS 2110	3
World Religions (SL only)	4, 5	Humanities Elective	HUM EL	3
Sciences				
Biology	4, 5 or 7	Introductory Biology	BIO 1000	3
Computer Science	4, 5 or 7	Intro to Computer Science	CS 1200	3
Chemistry	4, 5 or 7	Fundamentals of Chemistry	CH 1000	3
Design Technology	4, 5 or 7	Design Fundamentals	IS 2400	3
Physics	4, 5 or 7	Fundamentals of Physics	PH 1100	3
Sports, Exercise and Health Science	4, 5 or 7	Approved Elective	APP EL	3
Environmental Systems and Societies (SL only)	4, 5	Science Elective	SCI EL	3
Mathematics				
Mathematics: Analysis and Approaches	4, 5 or 7	Precalculus	MA 1090	4
Mathematics: Applications and Interpretation	4, 5 or 7	Applied Calculus I	MA 1100	3
The Arts				
Dance	4, 5 or 7	Humanities Elective	HUM EL	3
Music	4, 5 or 7	Humanities Elective	HUM EL	3
Film	4, 5 or 7	Humanities Elective	HUM EL	3
Theatre	4, 5 or 7	Humanities Elective	HUM EL	3
Visual Arts	4, 5 or 7	Humanities Elective	HUM EL	3