



Associate in Science (AS) Degree Planning Worksheet

Effective for students following the 2017-2018 catalog

This worksheet is for general planning purposes. Refer to the college catalog for complete Graduation Requirements, course descriptions, and pre-requisites at www.bhc.edu/academics/catalog. **Students with a specific transfer major and institution in mind should contact that school for course recommendations and work closely with a Black Hawk College advisor.**

General Education

- Completion of the General Education courses below completes the Illinois Articulation Initiative General Education Core Curriculum (IAI GECC) *except for one additional course in Humanities or Fine Arts and one additional course in Social and Behavioral Sciences*. These two courses may be completed at most 4-year institutions after transfer, or at BHC before transfer. **To decide if the A.S. degree is appropriate for your transfer plans, consult an advisor.**
- **Graduation requirement: select one Non-Western Studies course from Humanities and Fine Arts or from Social and Behavioral Sciences.** (see courses with the ♦ symbol).
- Credit may be earned by the following methods: Departmental Proficiency, Advanced Placement Program (AP), College Level Examination Program (CLEP), Armed Service Experience, High School Articulation, and International Baccalaureate (IB). Refer to “Non-Traditional Credit” in the catalog.

Course Key:	Prefix	Number	Credit Hours	Title	IAI Code
	ENG	101	(3)	Composition I	(C1 900)

COMMUNICATION

3 COURSES (9 CREDITS) □

_____ * ENG 101 (3) Composition I (C1 900)	_____ SPEC 101 (3) Principles of Speech Communication (C2 900)
_____ * ENG 102 (3) Composition II (C1 901R)	<i>*A grade of “C” or better in ENG 101 and ENG 102 is required for graduation including course equivalents transferred from another college.</i>

HUMANITIES AND FINE ARTS

2 COURSES (6 CREDITS) □

Choose one course from *Humanities* and one course from *Fine Arts*.

Humanities:

_____ ENG 190 (3) Introduction to Literature (H3 900)	_____ ** ENG 250 (3) Film as Literature (HF 908)
_____ ENG 206 (3) Minority American Literature (H3 910D)	_____ HIST 125 (3) Western Civilization I (H2 901)
_____ ENG 207 (3) Introduction to Women Writers (H3 911D)	_____ HIST 127 (3) Western Civilization II (H2 902)
_____ ENG 208 (3) Introduction to Poetry (H3 903)	_____ ♦ HIST 222 (3) Comparative Religions (H5 904N)
_____ ENG 210 (3) Introduction to Fiction (H3 901)	_____ ** HUM 101 (3) Humanities I (HF 900)
_____ ENG 213 (3) American Literature I (H3 914)	_____ ** HUM 102 (3) Humanities II (HF 901)
_____ ENG 214 (3) American Literature II (H3 915)	_____ PHIL 100 (3) Logic (H4 906)
_____ ENG 215 (3) Western Lit in Translation I (H3 906)	_____ PHIL 101 (3) Introduction to Philosophy (H4 900)
_____ ENG 216 (3) Western Lit in Translation II (H3 907)	_____ PHIL 103 (3) Ethics (H4 904)
_____ ♦ ENG 217 (3) African & Caribbean Literature (H3 908N)	_____ PHIL 206 (3) Philosophy of Religion (H4 905)
_____ ♦ ENG 218 (3) Latin American Literature (H3 908N)	_____ FREN 202 (4) Intermediate French II (H1 900)
_____ ♦ ENG 219 (3) Eastern Literature (H3 908N)	_____ GERM 202 (4) Intermediate German II (H1 900)
_____ ENG 221 (3) British Literature I (H3 912)	_____ SPAN 202 (4) Intermediate Spanish II (H1 900)
_____ ENG 222 (3) British Literature II (H3 913)	_____ SPAN 253 (3) Advanced Spanish I (H1 900)
_____ ENG 223 (3) Introduction to Shakespeare (H3 905)	_____ SPAN 254 (3) Advanced Spanish II (H1 900)
_____ ENG 240 (3) Children’s Literature (H3 918)	

Fine Arts:

_____ ART 100 (3) Art Appreciation (F2 900)	_____ ** HUM 102 (3) Humanities II (HF 901)
_____ ART 281 (3) History of Western Art I (F2 901)	_____ MUSC 154 (3) Music Appreciation (F1 900)
_____ ART 282 (3) History of Western Art II (F2 902)	_____ ♦ MUSC 158 (3) Introduction to Non-Western Music (F1 903N)
_____ ♦ ART 285 (3) Survey of Asian Art (F2 903N)	_____ MUSC 256 (3) Introduction to American Music (F1 904)
_____ ♦ ART 286 (3) Survey of Non-Western Art (F2 903N)	_____ THEA 111 (3) Introduction to Theater Arts (F1 907)
_____ ** ENG 250 (3) Film as Literature (HF 908)	_____ TV 212 (3) History and Appreciation of the Motion Picture (F2 909)
_____ ** HUM 101 (3) Humanities I (HF 900)	

***May satisfy a Humanities -OR- Fine Arts requirement.*

SOCIAL AND BEHAVIORAL SCIENCES

2 COURSES (6 CREDITS) □

Choose courses from *two different disciplines*.

_____	ANTH 101	(3)	Introduction to Physical Anthropology (S1 902)	_____	POLS 252	(3)	State and Local Government (S5 902)
_____	◆ ANTH 102	(3)	Introduction to Cultural Anthropology (S1 901N)	_____	POLS 261	(3)	Introduction to Comparative Government: European (S5 905)
_____	ANTH 103	(3)	Introduction to Archaeology (S1 903)	_____	◆ POLS 262	(3)	Introduction to Comparative Government: Non-European (S5 906N)
_____	ECON 221	(3)	Principles of Macro Economics (S3 901)	_____	PSYC 101	(3)	Introduction to Psychology (S6 900)
_____	ECON 222	(3)	Principles of Micro Economics (S3 902)	_____	PSYC 200	(3)	Human Growth and Development (S6 902)
_____	◆ GEOG 105	(3)	Introductory Regional Geography (S4 900N)	_____	PSYC 230	(3)	Social Psychology (S8 900, PSY 908)
_____	HIST 105	(3)	History of the U.S. to 1877 (S2 900)	_____	PSYC 262	(3)	Child Psychology (S6 903)
_____	HIST 106	(3)	History of the U.S. since 1877 (S2 901)	_____	PSYC 264	(3)	Social Psychology of Aging (S6 905)
_____	◆ HIST 141	(3)	History of Asia to 1500 (S2 908N)	_____	SOC 101	(3)	Principles of Sociology (S7 900)
_____	◆ HIST 142	(3)	History of Asia since 1500 (S2 909N)	_____	SOC 102	(3)	Contemporary Social Problems (S7 901)
_____	◆ HIST 151	(3)	History of the Middle East since 1700 (S2 919N)	_____	SOC 250	(3)	Minority Relations (S7 903D)
_____	◆ IS 220	(3)	Global Issues (S5 904)	_____	SOC 251	(3)	Sociology of Families (S7 902)
_____	* POLS 101	(3)	Introduction to Political Science (S5 903) <i>*formerly POLS 191</i>	_____	SOC 264	(3)	Social Psychology of Aging (S6 905)
_____	POLS 122	(3)	American National Government (S5 900)				

MATHEMATICS

2 COURSE (6 CREDITS MINIMUM) □

Choose one course from Group 1. Choose one additional course from either Group 1 or Group 2.

Group 1:

_____	MATH 108	(3)	Statistics for General Education (M1 902)	_____	MATH 161	(3)	Discrete Mathematics (M1 905, CS 915)
_____	MATH 110	(3)	Mathematics for General Education (M1 904)	_____	MATH 225	(4)	Calculus II with Analytic Geometry (M1 900-2, MTH 902)
_____	MATH 124	(4)	Calculus I with Analytic Geometry (M1 900-1, MTH 901)	_____	MATH 226	(5)	Calculus III with Analytic Geometry (M1 900-3, MTH 903)
_____	MATH 131	(3)	Finite Mathematics for Business (M1 906)	_____	MATH 228	(3)	Probability and Statistics (M1 902, BUS 901)
_____	MATH 132	(4)	Calculus for Bus/Soc Sciences (M1 900-B)				

Group 2:

_____	MATH 112	(4)	College Algebra	_____	MATH 210	(4)	Math for Teaching and Learning <i>(see advisor before enrolling in MATH 210)</i>
_____	MATH 116	(3)	Trigonometry	_____	MATH 230	(3)	Linear Algebra (IAI: MTH 911)
_____	MATH 118	(5)	Precalculus	_____	MATH 235	(3)	Differential Equations (IAI: MTH 912)

PHYSICAL AND LIFE SCIENCES

3 COURSES (10 CREDITS MINIMUM) □

Select one course from Group 1 (Physical Sciences) and one course from Group 2 (Life Sciences), including at least one course that meets the lab science requirement, or select both NSCI 101 and NSCI 102. Select one additional course from Group 1, Group 2, or Group 3 that is appropriate for the program of study.

Group 1 - Physical Sciences:

_____	ASTR 101	(4)	Descriptive Astronomy (P1 906L)
_____	ASTR 102	(4)	Descriptive Astronomy (P1 906L)
_____	CHEM 101	(4)	General Chemistry I (P1 902L, CHM 911)
_____	CHEM 110	(4)	Intro to Chemistry (P1 902L)
_____	CHEM 111	(4)	Principles of Organo-Biochemistry (P1 904L)
_____	GEOG 101	(4)	Physical Geography (P1 909L)
_____	GEOG 102	(4)	Physical Geography (P1 909L)
_____	GEOG 106	(3)	Introductory Meteorology (no lab) (P1 905)
_____	GEOL 101	(4)	Physical Geology (P1 907L)
_____	GEOL 102	(4)	Historical Geology (P1 907L)
_____	PHYS 101	(5)	College Physics I (P1 900L)
_____	PHYS 110	(4)	Introduction to Physics (P1 900L)
_____	PHYS 140	(3)	Practical Physics (no lab) (P1 900)
_____	PHYS 201	(5)	General Physics (P2 900L)
_____	PS 101	(4)	Intro to Physical Science (P9 900L)
_____	PS 205	(3)	Issues in Science, Technology, and Society (no lab) (P9 900)

Group 2 - Life Sciences:

_____	BIOL 100	(4)	Introduction to Biology (L1 900L)
_____	BIOL 101	(4)	General Human Biology (L1 904L)
_____	BIOL 105	(5)	General Biology I (L1 910L, BIO 910)
_____	BIOL 106	(5)	General Biology II (L1 910L, BIO 910)
_____	BIOL 135	(3)	Evolution of Microbes and Humans (no lab) (L1 903)
_____	BIOL 200	(3)	Environmental Biology I (no lab) (L1 905)
_____	BIOL 201	(3)	Environmental Biology II (no lab) (L1 905)
_____	BIOL 211	(4)	General Botany (L1 901L)
_____	BIOL 250	(3)	Genetics (no lab) (L1 906)
_____	** BIOL 251	(1)	Genetics Laboratory (L1 906L)

**Completion of, or concurrent enrollment in, BIOL 250 required. BIOL 250 plus BIOL 251 satisfy the lab requirement for graduation.

Interdisciplinary Sciences:

_____	NSCI 101	(3)	Environmental Science I (no lab) (LP 900)
_____	NSCI 102	(4)	Environmental Science II (LP 901L)

Group 3 - Natural Sciences:

- _____ **BIOL 120** (3) Nutrition (no lab)
- _____ **BIOL 145** (4) Anatomy Physiology I
- _____ **BIOL 146** (4) Anatomy Physiology II
- _____ **BIOL 190** (4) General Zoology
- _____ **BIOL 207** (1-2) Selected Topics in Biology
- _____ **BIOL 261** (4) Microbiology
- _____ **CHEM 102** (4) General Chemistry II (IAI: CHM 912)
- _____ **CHEM 203** (5) Organic Chemistry I (IAI: CHM 913)
- _____ **CHEM 204** (5) Organic Chemistry II (IAI: CHM 914)

- _____ **CHEM 206** (3) Basic Biochemistry (no lab)
- _____ **CHEM 207** (1) Basic Biochemistry Laboratory
- _____ **CHEM 295** (1-3) Research in Chemistry
- _____ **PHYS 102** (5) College Physics II
- _____ **PHYS 115** (6) Concentrated General Physics
- _____ **PHYS 120** (3) Energy and Society (no lab)
- _____ **PHYS 200** (1-4) Technical Physics
- _____ **PHYS 202** (5) General Physics (IAI: PHY 912)
- _____ **PHYS 214** (2) General Physics (Quantum)

To Graduate

General Education credits (37 minimum) _____

Elective credits + _____

TOTAL CREDITS (64 minimum, of which 24 are earned at BHC) = _____

GPA 2.0 minimum

Completed one Non-Western Studies course

Electives

Students should work with an advisor to select only articulated transfer or career courses as electives to satisfy the 64 credit hour graduation requirement. No course numbered below 100 will apply toward graduation.

Courses may also include:

- Courses that transfer from other institutions as UPP.
- Up to four credits of physical education activity courses (PE or HPE 101-191) will count toward graduation.
- Up to twelve credits of applied music lessons (MUSC 121-147 & 221-247) will count toward graduation.
- Up to eight credits of music performance groups (MUSC 101-109) will count toward graduation.

Course	Hrs	Course	Hrs	Course	Hrs

Math, Reading, English, and Communication courses commonly used as pre-requisites.

The courses below may be required pre-requisites for college-level courses. Before enrolling in any of these courses, contact an advisor who will review student assessment scores (Accuplacer, SAT, ACT or Compass), Advanced Placement (AP) exams, dual credit courses taken in high school, or college transcripts to determine course eligibility.

Courses numbered below 100 do not fulfill graduation requirements.

Note	Course (credit hours)	Note	Course (credit hours)
1	MATH 080 Basic Mathematical Skills (3)	7	REA 093 Academic Reading I (3)
2	MATH 074 Arithmetic (3)		REA 098 Academic Reading (3)
3	MATH 078 Pre-Algebra (3)	8	REA 103 Advanced Academic Reading (3)
	MATH 081 Basic Algebra (3)		
4	MATH 086 Fundamentals of Algebra (5)		ENG 091 Writing Fundamentals (3)
	MATH 091 Intermediate Algebra Review (4)		ENG 100 Academic Writing Conventions (3)
5	MATH 092 Math Literacy for College I (3)		ENG 101 Composition I (3)
5	MATH 094 Math Literacy for College II (3)		
6	MATH 085 Plane Geometry (3)		COMM 100 Communication Skills (3)
			COMM 105 Essentials of English (3)

Notes		
	1 – ends summer 2017	5 – MATH 092 & 094 can be taken in the same term
	2 – starts fall 2017	6 – High School waiver available – see advisor
	3 – starts spring 2017	7 – ends spring 2017
	4 – combines content of MATH 081 & 091	8 – starts summer 2017

Planning Chart

Notes

Fall	Spring	Summer	Yr.	Hrs.	Fall	Spring	Summer	Yr.	Hrs.	Notes