



## Integrated Science Studies

Students who complete an Associate of Science degree at Edison State Community College may transfer into the BS Integrated Science Studies program at the Lake Campus of Wright State University. Edison courses that have equivalencies at Wright State are listed throughout this document. Students should verify their satisfactory academic progress (SAP) requirements with the financial aid office before pursuing classes outside of their associate degree requirements.

### Admission Requirements to Integrated Science Studies at Wright State

- Complete at least 16 credit hours with a 2.0 GPA or higher
- Complete at least one course in the College of Science and Mathematics (or transfer equivalent) with a minimum grade of C

### Additional Information

- A minimum of 30 credit hours must be completed at Wright State University.

This agreement will expire two years from date of signature.

Thomas Sudkamp 15 Jun 2018  
Dr. Thomas Sudkamp Date  
Provost  
Wright State University

Chris Spradlin 6-29-18  
Chris Spradlin Date  
Provost  
Edison State Community College

## Associate of Science

Edison Course	Credit Hours	Wright State Equivalency	Credit Hours
<b>COMMUNICATIONS (9 Credit Hours)</b>			
ENG 121S: Composition I	3	ENG 1100	3
ENG 122S: Composition II	3	ENG 2100	3
COM 121S: Fund/Communication	3	COM 1010	3
<b>MATHEMATICS and SCIENCE (15 Credit Hours)</b>			
<i>Choose one of the following:</i>			
MTH 110S: Math in Society	3	MTH 1450	3
MTH 125S: General Statistics**	3	STT 2640	3
MTH 122S: College Algebra	3	MTH 1280	3
MTH 123S: Trigonometry	3	MTH 1310	3
MTH 128S: Pre-Calculus	5	MTH 1340	5
MTH 221S: Calculus/Analytical Geometry I**	5	MTH 2300	5
MTH 222S: Calculus/Analytical Geometry II	5	MTH 2310	5
MTH 226S: Calculus for Business & Life Sciences	4	MTH 2280	4
<i>Choose two of the following:</i>			
BIO 121S: Intro Biology: Cells/Genetics/Evolution**	4	BIO 1120**	4
BIO 122S: Animals, Plants, Ecology**	4	BIO 1150**	4
BIO 125S: Anatomy & Physiology I	4	ANT 2100	4
BIO 126S: Anatomy & Physiology II	4	ANT 2120	4
CHM 121S: General Chemistry I**	5	CHM 1210/1210L**	5
CHM 122S: General Chemistry II**	5	CHM 1220/1220L**	5
GLG 121S: Physical Geology**	4	EES 2510**	4
GLG 122S: Historical Geology**	4	EES 2550**	4
PHY 121S: College Physics I	5	PHY 1100/1100L	5
PHY 122S: College Physics II	5	PHY 1120/1120L	5
PHY 241S: Science and Engineering Physics I	4	PHY 2400/2400L	4
PHY 242S: Science and Engineering Physics II	4	PHY 2410/2410L	4
Choose Additional Courses from above list to reach 15 Credit Requirement	0-4		
<b>ARTS AND HUMANITIES (9 Credit Hours)</b>			
HUM 121S – Intro to Humanities	3	<i>Meets an OTM Humanities</i>	3
<i>Choose two of the following:</i>		<i>Meets two OTM courses</i>	
ART 123S: Ancient Art History	3	ART 2110	3

ART 124S: Modern Art History	3	ART 2120	3
ENG 123S: Introduction to Literature	3	ENG elective	3
ENG 205S: Great Books	3	ENG 2040	3
ENG 221S: American Lit I	3	ENG 3310	3
ENG 222S: American Lit II	3	ENG 3320	3
ENG 241S: Brit Lit I	3	ENG 3210	3
ENG 242S: Brit Lit II	3	ENG 3230	3
HST 127S: Greek Civilization	3	HST elective	3
HST 224S: African American History*	3	HST 3700	3
MUS 120S: Music Appreciation	3	MUS 2140	3
MUS 127S: Music as a World Phenomenon*	3	MUS 2420	3
PHI 121S: Introduction to Philosophy	3	PHL 2050	3
PHI 123S: Introduction to Ethics	3	PHL 3110	3
REL 121S: World Religions*	3	REL 2320	3
THE 121S: Introduction to Theater	3	TH 2140	3
<b>SOCIAL SCIENCE (9 Credit Hours)</b>			
<i>Choose three of the following from two different disciplines</i>		<i>Meets three OTM courses</i>	
ANT 121S: Introduction to Anthropology*	3	ATH 2150	3
ECO 120S: Fundamentals of Economics	3	EC 2000	3
ECO 221S: Principles of Microeconomics	3	EC 2040	3
ECO 222S: Principles of Macroeconomics	3	EC 2050	3
GEO 121S: Physical Geography	3	GEO 2100	3
GEO 123S: Human Geography*	3	GEO 2200	3
HST 121S: US History I	3	HST 2110	3
HST 122S: US History II	3	HST 2120	3
HST 125S: Western Civilization to 1715	3	HST 1100	3
HST 126S: Western Civilization Since 1715	3	HST 1200	3
PLS 121S: American Natl Government	3	PLS 2120	3
PLS 122S: State and Local Government	3	PLS 3220	3
<b>PSY 121S: Introduction to Psychology**</b>	<b>3</b>	<b>PSY 1010**</b>	<b>3</b>
SOC 121S: Introduction to Sociology	3	SOC 2000	3
SOC 224S: Race and Ethnicity*	3	SOC 3620	3
<b>Total Credit Hours</b>	<b>61</b>		<b>61</b>

\* Students must complete one class noted with an \* to meet Edison's Diversity Requirement

\*\*The WSU courses bolded above are required in the ISS degree program at WSU. It is highly recommended that students complete them at Edison prior to transfer.

### **Additional Courses Needed to Complete the Integrated Science Studies Degree at WSU**

If students did not complete the Ohio Transfer Module (OTM) at Edison, they will be required to meet the Wright State General Education called Core - <https://www.wright.edu/academic-affairs/programs/general-education>. Please talk to an advisor if you have questions about the OTM or Wright State's Core.

The curriculum listed below assumes a student has followed the curriculum listed above. Students will need to take any courses not completed from the list above.

<b>BS Integrated Science Studies</b>	<b>Credit Hours</b>
PHY 1110/1110L, PHY 1120/1120L OR PHY 2400/2400L, PHY 2410/2410L	10
CHM 2110: Organic Chemistry I  CHM 2120: Organic Chemistry II OR CHM 4020: Environmental Chemistry	8-10
BIO 2110, BIO 2310, M&I 2200	11
3000-/4000-level COSM Electives	18
SM 4000	3
General Electives	7-9
<b>Total</b>	<b>59</b>