

Sample Curriculum: HS Mainz Students

for Mainz students earning dual degree at SIUE

Additional Courses at HS Mainz (Sem. 6)

Course	CP Transferred to SIUE	ECTS at Mainz
Higher Mathematics	3	6
Theory of Technical Systems	3	6
Cost Calculation and Pricing (Substitute for IE345)	3	6
Sustainable Built Environment (BLS)	3	6
Statistics (Equivalent to STAT3xx)	3	6
English proficiency test (e.g. TOEFL)	0	0
Sum	15	30

Fall at SIUE (Sem. 7, begins mid-August)

Course	CP SIUE	ECTS Transferred to Mainz
Engineering Graphics and CAD (CE204)	3	6
Dynamics (ME 262)	3	6
English Composition I (ENG 101)	3	0
Interpersonal Communication (ACS 103)	3	0
Calculus II (MATH 152 or substitute ¹)	5	10
Sum	17	22

Spring at SIUE (Sem. 8)

Course	CP SIUE	ECTS Transferred to Mainz
English Composition II (ENG 102)	3	0
Engineering Materials and Lab (CE330 / L)	3	6
Macroeconomics (ECON 111)	3	0
Applied Fluids Lab (CE415L)	1	2
Breadth: Fine and Performing Arts	3	0
Engineering Ethics and Professionalism (PHIL323)	3	6
Sum	16	14

Summer at SIUE (Sem. 9, Optional)

Course	CP SIUE	ECTS Transferred to Mainz
Internship ² (Praxis project, CE398)	0	16, varies
CE 4xx elective I	3	6
Sum	3	22

Fall at SIUE (Sem. 10)

Course	CP SIUE	ECTS Transferred to Mainz
Bachelor's Thesis (CE 497)	4	8
Engineering Design (CE 493)	3	6
CE 4xx elective II	3	6
CE 4xx elective III	3	6
Interdisciplinary Studies IS (3XX)	3	0
Sum	16	20

Total onsite credits at SIUE

	CP SIUE	ECTS Transferred to Mainz
Sum	52	62 (without internship)

¹ Students may substitute another course in math or basic science, as approved by the SIUE civil engineering department.

² Arrange internship through SIUE Career Development Center.

Sample Curriculum: SIUE Students

for SIUE students earning dual degree at HS Mainz

Summer Semester at HS Mainz (Sem 6.)

Course	CP Transferred to SIUE	ECTS at Mainz
Applied Superstructure Engineering (CE343)	3	6
Traffic Infrastructure (CE376)	2	4
Sustainable Built Environment (CE elective I and BLS)	3	6
German Language Course	2.5	5
Foundations and Earth Structures	3	6
Statistics (STAT380)	3	6
Sum	16.5	32

Winter Semester at HS Mainz (Sem 7.)

Course	CP Transferred to SIUE	ECTS at Mainz
Building Foundation Interaction (CE455)	3	6
Steel Construction (CE44x, CE elective II)	2.5	5
Urban Planning (CE4xx, CE elective III)	2.5	5
International Project Management (CE elective IV)	3	6
Applied Infrastructure Engineering (CE4xx, CE elective V)	3	6
Sum	14	28

Internship (Spring/Summer)

The HS Mainz Winter semester ends after the SIUE spring semester begins. To address this overlap, students are recommended to start a summer internship early.