

Semester 1

Kode	Mata Kuliah / Inggris	SKS
UG255101	Bahasa Inggris	2
	<i>English</i>	
VR252105	Durabilitas Material Bangunan Sipil	2
	<i>Durability of Civil Building Materials</i>	
VR252104	Evaluasi Integritas Bangunan Sipil	2
	<i>Civil Building Integrity Assessment</i>	
VR252103	Inspeksi dan Perawatan Bangunan Sipil	2
	<i>Inspection and Maintenance of Civil Building</i>	
UG255102	Literasi Digital, AI, dan Etika Riset	2
	<i>Digital Literacy, AI, and Research Ethics</i>	
VR252102	Pemodelan Bangunan Sipil	2
	<i>Civil Building Modeling</i>	
VR252101	Perancangan Penelitian	2
	<i>Research Design</i>	
VR252106	Probabilitas	2
	<i>Probabilities</i>	
	Total SKS	16

Semester 2

Kode	Mata Kuliah / Inggris	SKS
VR252210	Analisa Perbaikan dan Rehabilitasi Bangunan Sipil	3
	<i>Analysis of Civil Building Repair and Rehabilitation</i>	
VR252209	Analisis Keandalan Bangunan	3
	<i>Building Reliability Analysis</i>	
VR252215	Desain Bangunan Infrastruktur Berkelanjutan	3
	<i>Sustainable Design of Buildings and Infrastructure</i>	
VR252217	Kebijakan Transportasi Berkelanjutan	3

	<i>Sustainable Transportation Policy</i>	
UG255201	Penulisan Ilmiah	2
	<i>Academic Writing</i>	
VR252207	Proposal Tesis	3
	<i>Thesis Proposal</i>	
VR252218	Rekayasa Perawatan dan Restorasi Jalan	3
	<i>Road Maintenance and Restoration Engineering</i>	
VR252213	Rekayasa Perawatan dan Restorasi Jaringan Irigasi	3
	<i>Irrigation Network Maintenance and Restoration Engineering</i>	
VR252219	Rekayasa Perawatan dan Restorasi Lapangan Terbang	3
	<i>Airport Maintenance and Restoration Engineering</i>	
VR252212	Rekayasa Sedimen Transport	3
	<i>Sediment Transport Engineering</i>	
VR252216	Struktur Beton Pracetak dan Prategang	3
	<i>Precast and Prestressed Concrete Structures</i>	
VR252214	Struktur Tahan Gempa	3
	<i>Earthquake-Resistant Structures</i>	
VR252211	Tata Rekayasa Keairan	3
	<i>Water Resources Engineering</i>	
	Total SKS	38

Semester 3

<i>Kode</i>	<i>Mata Kuliah / Inggris</i>	<i>SKS</i>
VR252323	Interaksi Tanah dan Bangunan	3
	<i>Soil-Structure Interaction</i>	
VR252326	Rekayasa Perawatan dan Restorasi Dermaga	3
	<i>Port Structures Maintenance and Restoration Engineering</i>	
VR252321	Rekayasa Perawatan dan Restorasi Drainase	3
	<i>Drainage System Maintenance and Restoration Engineering</i>	

VR252324	Rekayasa Perawatan dan Restorasi Jalan Rel	3
	<i>Railway Maintenance and Restoration Engineering</i>	
VR252325	Rekayasa Perawatan dan Restorasi Jembatan	3
	<i>Bridge Maintenance and Restoration Engineering</i>	
VR252328	Rekayasa Perawatan dan Restorasi Sungai	3
	<i>River Maintenance and Restoration Engineering</i>	
VR252327	Rekayasa Perawatan dan Restorasi Waduk dan Bendungan	3
	<i>Dam and Reservoir Maintenance and Restoration Engineering</i>	
VR252322	Teknologi Bahan dan Beton Ramah Lingkungan	3
	<i>Environmentally Friendly Materials and Concrete Technology</i>	
VR252320	Tesis 1 (Kemajuan Thesis)	5
	<i>Thesis 1 (Progress Thesis)</i>	
	Total SKS	29

Semester 4

<i>Kode</i>	<i>Mata Kuliah / Inggris</i>	<i>SKS</i>
VR252429	Tesis 2 (Kemajuan Akhir Tesis)	7
	<i>Thesis 2 (Final Progress Thesis)</i>	
	Total SKS	7