

土木工程專攻

Course Category 科目区分	Course Format 授業形態	授業科目	Course Title		Lecturer 担当教員	Credits 単位数	Civil and Environmental Engineering Graduate Program
							Starts 開講時期
基礎科目 Basic Subjects	Lecture 講義	土木工学のフロンティア	Frontier in Civil Engineering	Faculty members	2	1Spring (Compulsory)	
		途上国開発特論Ⅰ	Civil Engineering and Policies for Developing Countries I	Kiichiro HAYASHI	2	2Autumn	
		途上国開発特論Ⅱ	Civil Engineering and Policies for Developing Countries II	Faculty members	2	1Autumn	
		環境コミュニケーション	English Communication in Environmental Issues	Victor Muhandiki	2	1Spring	
専門科目 Specialized Courses	Seminar ゼミナール	持続可能性・環境学	Sustainability and Environmental Studies	Hiroki TANIKAWA, Takayuki MORIKAWA	2	1Autumn	
		構造工学セミナー1A	Seminar on Structural Engineering 1A	Yasuo KITANE, Mikihito HIROHATA	2	1Autumn	
		構造工学セミナー1B	Seminar on Structural Engineering 1B	Yasuo KITANE, Mikihito HIROHATA	2	1Spring	
		構造工学セミナー1C	Seminar on Structural Engineering 1C	Yasuo KITANE, Mikihito HIROHATA	2	2Autumn	
		構造工学セミナー1D	Seminar on Structural Engineering 1D	Yasuo KITANE, Mikihito HIROHATA	2	2Spring	
		材料・形態学セミナー1A	Seminar on Materials and Structural Design 1A	Hikaru NAKAMURA, Yoshihito YAMAMOTO	2	1Autumn	
		材料・形態学セミナー1B	Seminar on Materials and Structural Design 1B	Hikaru NAKAMURA, Yoshihito YAMAMOTO	2	1Spring	
		材料・形態学セミナー1C	Seminar on Materials and Structural Design 1C	Hikaru NAKAMURA, Yoshihito YAMAMOTO	2	2Autumn	
		材料・形態学セミナー1D	Seminar on Materials and Structural Design 1D	Hikaru NAKAMURA, Yoshihito YAMAMOTO	2	2Spring	
		流域保全学セミナー1A	Seminar on Conservation Engineering of River Basins 1A	Yuji TODA, Ryota TSUBAKI	2	1Autumn	
		流域保全学セミナー1B	Seminar on Conservation Engineering of River Basins 1B	Yuji TODA, Ryota TSUBAKI	2	1Spring	
		流域保全学セミナー1C	Seminar on Conservation Engineering of River Basins 1C	Yuji TODA, Ryota TSUBAKI	2	2Autumn	
		流域保全学セミナー1D	Seminar on Conservation Engineering of River Basins 1D	Yuji TODA, Ryota TSUBAKI	2	2Spring	
		海岸・海洋工学セミナー1A	Seminar on Coastal and Maritime Engineering 1A	Norimi MIZUTANI, Tomosaki NAKAMURA	2	1Autumn	
		海岸・海洋工学セミナー1B	Seminar on Coastal and Maritime Engineering 1B	Norimi MIZUTANI, Tomosaki NAKAMURA	2	1Spring	
		海岸・海洋工学セミナー1C	Seminar on Coastal and Maritime Engineering 1C	Norimi MIZUTANI, Tomosaki NAKAMURA	2	2Autumn	
		海岸・海洋工学セミナー1D	Seminar on Coastal and Maritime Engineering 1D	Norimi MIZUTANI, Tomosaki NAKAMURA	2	2Spring	
		地盤材料工学セミナー1A	Seminar on Geomaterial Engineering1A	Masaki NAKANO, Shotaro YAMADA	2	1Autumn	
		地盤材料工学セミナー1B	Seminar on Geomaterial Engineering1B	Masaki NAKANO, Shotaro YAMADA	2	1Spring	
		地盤材料工学セミナー1C	Seminar on Geomaterial Engineering1C	Masaki NAKANO, Shotaro YAMADA	2	2Autumn	
		地盤材料工学セミナー1D	Seminar on Geomaterial Engineering1D	Masaki NAKANO, Shotaro YAMADA	2	2Spring	
		国土防災安全工学セミナー1A	Seminar on Disaster Prevention and Safety Engineering 1A	Toshihiro NODA, Kentaro NAKAI	2	1Autumn	
		国土防災安全工学セミナー1B	Seminar on Disaster Prevention and Safety Engineering 1B	Toshihiro NODA, Kentaro NAKAI	2	1Spring	
		国土防災安全工学セミナー1C	Seminar on Disaster Prevention and Safety Engineering 1C	Toshihiro NODA, Kentaro NAKAI	2	2Autumn	
		国土防災安全工学セミナー1D	Seminar on Disaster Prevention and Safety Engineering 1D	Toshihiro NODA, Kentaro NAKAI	2	2Spring	
		社会基盤維持管理工学セミナー1A	Seminar on Maintenance of Civil Structures 1A	Kazuo TATEISHI, Takeshi HANJI	2	1Autumn	
		社会基盤維持管理工学セミナー1B	Seminar on Maintenance of Civil Structures 1B	Kazuo TATEISHI, Takeshi HANJI	2	1Spring	
		社会基盤維持管理工学セミナー1C	Seminar on Maintenance of Civil Structures 1C	Kazuo TATEISHI, Takeshi HANJI	2	2Autumn	
		社会基盤維持管理工学セミナー1D	Seminar on Maintenance of Civil Structures 1D	Kazuo TATEISHI, Takeshi HANJI	2	2Spring	
		国土デザイン学セミナー1A	Land Design Seminar 1A	Shinichiro NAKAMURA	2	1Autumn	
		国土デザイン学セミナー1B	Land Design Seminar 1B	Shinichiro NAKAMURA	2	1Spring	
		国土デザイン学セミナー1C	Land Design Seminar 1C	Shinichiro NAKAMURA	2	2Autumn	
		国土デザイン学セミナー1D	Land Design Seminar 1D	Shinichiro NAKAMURA	2	2Spring	
		Lecture 講義	地圏環境保全学セミナー1A	Seminar on Conservation of Geoenvironment 1A	Arata KATAYAMA	2	1Autumn
			地圏環境保全学セミナー1B	Seminar on Conservation of Geoenvironment 1B	Arata KATAYAMA	2	1Spring
			地圏環境保全学セミナー1C	Seminar on Conservation of Geoenvironment 1C	Arata KATAYAMA	2	2Autumn
			地圏環境保全学セミナー1D	Seminar on Conservation of Geoenvironment 1D	Arata KATAYAMA	2	2Spring
			国際環境協力セミナー1A	Global Environmental Cooperation Seminar1A	Kiichiro HAYASHI	2	1Autumn
			国際環境協力セミナー1B	Global Environmental Cooperation Seminar1B	Kiichiro HAYASHI	2	1Spring
			国際環境協力セミナー1C	Global Environmental Cooperation Seminar1C	Kiichiro HAYASHI	2	2Autumn
国際環境協力セミナー1D	Global Environmental Cooperation Seminar1D		Kiichiro HAYASHI	2	2Spring		
環境エコロジシステムセミナー1A	Seminar on Environmental Ecology System1A		Toshiyuki YAMAMOTO, Tomio MIWA	2	1Autumn		
環境エコロジシステムセミナー1B	Seminar on Environmental Ecology System1B		Toshiyuki YAMAMOTO, Tomio MIWA	2	1Spring		
環境エコロジシステムセミナー1C	Seminar on Environmental Ecology System1C		Toshiyuki YAMAMOTO, Tomio MIWA	2	2Autumn		
環境エコロジシステムセミナー1D	Seminar on Environmental Ecology System1D		Toshiyuki YAMAMOTO, Tomio MIWA	2	2Spring		
社会基盤施設のライフサイクル設計特論	Advanced Course in Lifecycle Design of Civil Structures		Kazuo TATEISHI, Hikaru NAKAMURA, Yasuo KITANE	2	1Autumn (Compulsory Elective)		
水圏力学特論	Advanced Fluvial and Coastal Hydrodynamics		Tomosaki NAKAMURA, Ryota TSUBAKI	2	1Spring (Compulsory Elective)		
地盤工学特論	Advanced Geotechnical Engineering		Toshihiro NODA, Kentaro NAKAI	2	1Autumn (Compulsory Elective)		
社会基盤計画学特論	Advanced Infrastructure Planning		Takayuki MORIKAWA, Toshiyuki YAMAMOTO	2	1Autumn (Compulsory Elective)		
低炭素都市学	Low Carbon Cities Studies		Hiroki TANIKAWA	2	1Spring (Compulsory Elective)		
数値解析特論	Advanced Numerical Analysis		Tomio MIWA, Tomosaki NAKAMURA, Kentaro NAKAI, Yoshihito YAMAMOTO	2	1Spring (Compulsory Elective)		
Lecture 講義	鋼構造力学特論		Advanced Steel Structures	Kazuo TATEISHI	2	1Spring	
	コンクリート構造工学特論		Advanced Concrete Structures	Hikaru NAKAMURA, Yoshihito YAMAMOTO	2	1Spring	
	河川・流域圏管理学特論	Advanced Theory of River Basin Management	Yuji TODA	2	1Spring		
	地盤材料力学特論	Advanced Mechanics of Geomaterials	Masaki NAKANO, Shotaro YAMADA	2	1Spring		
	交通工学特論	Advanced Traffic Engineering and Management	Hideaki NAKAMURA	2	1Spring		
	都市計画特論	Advanced Urban Planning	Hirokazu KATO	2	1Spring		
	土壌環境保全学特論	Conservation and Ecotoxicology of Soil and Water	Arata KATAYAMA	2	1Spring		
	環境社会システム工学	Environmental System Analysis and Planning	Hiroki TANIKAWA	2	1Spring		
	連続体力学特論	Advanced Continuum Mechanics	Masaki NAKANO, Toshihiro NODA	2	1Spring		
	水・廃棄物政策論	Water and Waste Management Policies	Victor Muhandiki	2	1Spring		
	構造力学特論	Advanced Structural Mechanics	Yasuo KITANE	2	1Autumn		
	海工学特論	Advanced Coastal and Offshore Engineering	Norimi MIZUTANI, Tomosaki NAKAMURA	2	1Autumn		
	地盤動力学特論	Advanced Soil Dynamics	Toshihiro NODA, Kentaro NAKAI	2	1Autumn		
	水・廃棄物工学	Water and Waste Engineering	Victor Muhandiki	2	1Autumn		
	気候変動政策論	Climate Change Policies	Miho IRYO	2	2Autumn		
	環境産業システム論	Environmental Industry Systems	Hiroki TANIKAWA	2	1Autumn		
	交通システム分析	Transportation Systems Analysis	Takayuki MORIKAWA, Toshiyuki YAMAMOTO, Toshihiro NODA, Kazuo TATEISHI, Hikaru NAKAMURA, Takeshi HANJI, Yoshihito YAMAMOTO	2	1Spring, 2Spring, 1Spring		
	インフラ検査・点検演習	Exercise in Inspection of Civil Structures	Ryota TSUBAKI	1	1Spring		
	流れ・地形解析学演習	Advanced Work in Hydro-morphologic Processes	Tomio MIWA	1	1Spring		
	社会基盤計画学演習	Advanced Work in Planning Methods	Tomio MIWA	1	1Spring		
構造力学特論演習	Advanced Work in Structural Mechanics	Yasuo KITANE, Mikihito HIROHATA	1	1Autumn			
海工学演習	Advanced Work in Coastal and Offshore Engineering	Norimi MIZUTANI, Tomosaki NAKAMURA	1	1Autumn			
地盤力学総合演習	Advanced Work in Soil Mechanics and Geotechnical Engineering	Masaki NAKANO, Toshihiro NODA, Shotaro YAMADA, Kentaro NAKAI	1	1Autumn			
土壌環境保全学演習	Exercise on Conservation and Ecotoxicology of Soil and Water	Arata KATAYAMA	1	1Autumn			
環境社会システム工学演習	Practice in Environmental Systems Analysis and Planning	Hiroki TANIKAWA, Kiichiro HAYASHI	1	1Autumn			
グローバル研究インターンシップⅠ	Global Research Internship I	Faculty members	2	1Autumn to Spring			
Comprehensive engineering courses 総合工学科目	コミュニケーション学	Introduction to Academic Communication	Reiko FURUYA	1	1Autumn, 2Autumn		
	科学技術英語特論	Advanced Lectures on Scientific English	Part-Time Faculty	1	1Autumn, 2Autumn		
Courses from other departments 他専攻等科目	Of class courses offered by Global 30 International Programs of Graduate School of Engineering Department or other than the majors or of class courses offered by Global 30 International Programs of other graduate schools of the University, Graduate School Common Courses, class courses of graduate schools of other universities under a credit transfer agreement, or the University's undergraduate class courses relating to academic fields that have not been studied by the students, those which are approved by the students' academic advisors and the head of the department. 当年度専攻以外の工学研究科専攻の国際プログラムで開講されている授業科目及び工学大学院の他の研究科の国際プログラムに併せて開講される授業科目。指導教員及び専攻長が認めた科目。						

Courses from other departments	Of class courses offered by Global 30 International Programs of Graduate School of Engineering Department of other than the majors or of class courses offered by Global 30 International Programs of other graduate schools of the University, Graduate School Common Courses, class courses of graduate schools of other universities under a credit transfer agreement, or the University's undergraduate class courses relating to academic research that are approved by the students, those approved by the student's academic advisors and the head of the department.
他専攻等科目	当専攻専攻以外の工学研究専攻の国際プログラムで英語で講義される授業科目及びほかの大学院の専攻科目の研究生の国際プログラムで英語で講義される授業科目、 本学大学院共通科目、単位互換制度による他の大学院の授業科目又は工学研究科入學時において該専攻が未履修の学問分野に関する本学部の授業科目のうち、指導教員が専攻が認めた科目