

Graduate School of Engineering

| | Course Title | Instructor | Term | *Intensive courses only | Language | Course Day | Course Period | Course Day& Course Period *Intensive courses only | Campus | Building | Classroom Number | Credits | Course Structure | Course Requirement | Remarks | Syllabus |
|----|---|--|---|-------------------------|------------------|------------|---------------|---|--------|----------------|------------------|-----------|--|--|---|---|
| 1 | Geo-Disaster Prevention and Mitigation | Kiyonobu Kasama | First Semester (Apr-Sep) | | English | Mon. | Period 3 | | Ito | West 2 | 910 | 2 credits | Lecture | | | |
| 2 | Advanced Structural Analysis | Hiroki Tamai | Summer Quarter (second quarter : Jun.-Aug.) | | J/E | Mon. | Period 4-5 | | Ito | West 2 | 910 | 2 credits | Lecture | | | |
| 3 | Research Planning | Hirofumi Nakayama | Spring Quarter (first quarter : Apr.-Jun.) | | J/E | Tue. | Period 1-2 | | Ito | West 2 | 318 | 2 credits | Lecture | | | |
| 4 | Advanced Data Analysis | Yasuyuki Maruya | Summer Quarter (second quarter : Jun.-Aug.) | | J/E | Wed. | Period 1-2 | | Ito | West 2 | 910 | 2 credits | Lecture | | | |
| 5 | Advanced Concrete Engineering | Hidenori Hamada | First Semester (Apr-Sep) | | English | Wed. | Period 3 | | Ito | West 2 | 910 | 2 credits | Lecture | | | |
| 6 | Groundwater Environmental Systems | Yoshinari Hiroshiro | First Semester (Apr-Sep) | | English | Wed. | Period 4 | | Ito | West 2 | 910 | 2 credits | Lecture | | | |
| 7 | Advanced Maintenance Engineering | Hidenori Hamada | First Semester (Apr-Sep) | | J/E | Thu. | Period 4 | | Ito | West 3 | 816 | 2 credits | Lecture | | | |
| 8 | Geo-Spatial Information Science | Yasuhiro Mitani | Spring Quarter (first quarter : Apr.-Jun.) | | J/E | Fri. | Period 1-2 | | Ito | West 2 | 318 | 2 credits | Lecture | | | |
| 9 | Numerical Analysis | Mitsuteru Asai | Summer Quarter (second quarter : Jun.-Aug.) | | J/E | Fri. | Period 1-2 | | Ito | West 3 | 816 | 2 credits | Lecture | | | |
| 10 | Advanced Earthquake Engineering | Yukihide Kajita | First Semester (Apr-Sep) | | J/E | Fri. | Period 3 | | Ito | West 2 | 318 | 2 credits | Lecture | | | |
| 11 | Urban Development Project | Kenichi Tsukahara | First Semester (Apr-Sep) | | English | Fri. | Period 4 | | Ito | West 2 | 910 | 2 credits | Lecture | | | |
| 12 | Practice in Environmental Studies | Satoko Seino | Intensive Course | TBA | J/E | | | TBA | Ito | | | 2 credits | Other | | | |
| 13 | Tribology | Kazuyuki YAGI | First Semester (Apr-Sep) | | English | Mon. | Period 5 | | Ito | West Zone 4 | W4-313 | 2 credits | Lecture | (Students of other majors are not allowed) Students who have mastered the fundamentals of mechanical engineering are permitted. Students wishing to take courses outside the mechanical engineering fields (mechanical, hydrogen). | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 14 | Advanced Energy Engineering II | Kazuyuki YAGI, Kwati | Intensive Course | TBD | English | | | TBD | Ito | West Zone 4 | W4-313 | 2 credits | Lecture | (Students of other majors are not allowed) Students who have mastered the fundamentals of mechanical engineering are permitted. Students wishing to take courses outside the mechanical engineering fields (mechanical, hydrogen). | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 15 | Fracture Mechanics | Shigeru HAMADA | First semester (Apr-Sep) | | English | Wed. | Period 3 | | Ito | West Zone 4 | W4-311 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 16 | Reactive Gas Dynamics | Okafor | First semester (Apr-Sep) | | English | Mon. | Period 2 | | Ito | West Zone 4 | W4-311 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 17 | Computational Intelligence | Kazuo KIBUCHI | First semester (Apr-Sep) | | English | Tue. | Period 3 | | Ito | West Zone 4 | W4-311 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 18 | Theory of Plasticity | Kazunari SHINAGAWA | Second semester (Oct-Mar) | | English | Mon. | Period 3 | | Ito | West Zone 4 | W4-311 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 19 | Gas Dynamics | Hideo MORI | Second semester (Oct-Mar) | | English | Fri. | Period 2 | | Ito | West Zone 4 | W4-311 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 20 | Clean Energy Technologies | Kohei ITO | Intensive Course | TBD | English | | | TBD | Ito | West Zone 4 | W4-313 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 21 | Advanced Heat and Mass Transfer A | Koji MIYAZAKI | Spring Quarter (first quarter : Apr.-Jun.) | | English | Wed. | Period 4 | | Ito | ecture Hall We | 3 | 1 credit | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 22 | Advanced Heat and Mass Transfer B | Koji MIYAZAKI | Summer Quarter (second quarter : Jun.-Aug.) | | English | Wed. | Period 4 | | Ito | ecture Hall We | 3 | 1 credit | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 23 | Fuel Cell Engineering | Yuya INOUE, Kazunari SASAKI, Kohei ITO, Akari HAYASHI, Tatsumi KITAHARA | Second semester (Oct-Mar) | | English | Wed. | Period 1 | | Ito | West Zone 4 | W4-313 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 24 | Hydrogen Production and Storage | Hisao MATSUMAGA, Hiroshige MATSUMOTO, Hai-Wen LI | Second semester (Oct-Mar) | | English | Tue. | Period 3 | | Ito | West Zone 4 | W4-313 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 25 | High-Pressure Gas Safety Engineering | Takahiro UMENO | Intensive Course | TBD | English | | | TBD | Ito | West Zone 4 | W4-313 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 26 | Advanced Energy Engineering I | Kazunari SASAKI, Stephen LYTH | Intensive Course | TBD | English | | | TBD | Ito | West Zone 4 | W4-313 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 27 | Hydrogen Energy Engineering | Hiroshige MATSUMOTO, Kohei ITO, Kazunari SASAKI, Tatsumi KITAHARA, Toshiaki KITAGAWA, Kazuyuki YAGI, Shin NISHIMURA, Hisao MATSUMAGA | Second semester (Oct-Mar) | | English | Wed. | Period 3 | | Ito | West Zone 4 | W4-313 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 28 | Advanced Robotics | Motoji YAMAMOTO | Second Semester (Oct-Mar) | | English | Thu. | Period 2 | | Ito | West Zone 4 | W4-311 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 29 | Bio-resource Materials Engineering | Yoshiko Miura | Spring Quarter (first quarter : Apr.-Jun.) | | English | Mon. Fri. | Period 2 | | Ito | West 4 | W4-#316 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 30 | Environmental Fluid Transport Phenomena | Takayuki Watanabe, Manabu Tanaka | Summer Quarter (second quarter : Jun.-Aug.) | | English | Wed. | Period 1-2 | | Ito | West 4 | W4-#316 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 31 | Biomaterials Engineering | Hiroyuki Ijima | Fall Quarter (third quarter : Oct.-Nov.) | | English | TBA | TBA | | Ito | West 4 | W4-#316 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 32 | Cell & Tissue Engineering A | Masamichi Kamihira | Fall Quarter (third quarter : Oct.-Nov.) | | English | TBA | TBA | | Ito | West 1 | W1-D-207 | 1 credit | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 33 | Cell & Tissue Engineering B | Masamichi Kamihira | Winter Quarter (fourth quarter : Dec.-Feb.) | | English | TBA | TBA | | Ito | West 1 | W1-D-207 | 1 credit | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 34 | Advanced Mass and Heat Transfer Processing | Kyuya Nakagawa | Winter Quarter (fourth quarter : Dec.-Feb.) | | English | TBA | TBA | | Ito | West 4 | W4-#316 | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 35 | Ceramic Engineering | Katsuro Hayashi | First Semester (Apr-Sep) | | English/Japanese | Mon. | Period 2 | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 36 | Analysis of Material Properties | Keiji Tanaka | First Semester (Apr-Sep) | | English/Japanese | Mon. | Period 3 | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 37 | Nano-Micro Science | Noritada Kaji | First Semester (Apr-Sep) | | English/Japanese | Tue. | Period 2 | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 38 | Organic Reaction Chemistry | Takanori Iwasaki | First Semester (Apr-Sep) | | English/Japanese | Wed. | Period 1 | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 39 | Molecular Electronic Structures | Yoshihito Shiota | First Semester (Apr-Sep) | | English/Japanese | Wed. | Period 3 | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 40 | Organic Functional Chemistry | Soji Shimizu | Second Semester (Oct-Mar) | | English/Japanese | TBA | TBA | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 41 | Physical and Chemical Properties of Materials | Atsuomi Shundo | Second Semester (Oct-Mar) | | English/Japanese | TBA | TBA | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 42 | Organic Electronics and Photonics | Ohihaya Adachi | Second Semester (Oct-Mar) | | English/Japanese | TBA | TBA | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 43 | Materials Properties of Ceramics | Hirofumi Akamatsu | Second Semester (Oct-Mar) | | English/Japanese | TBA | TBA | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 44 | Applied Surface Chemistry | Tatsumi Ishihara | Second Semester (Oct-Mar) | | English/Japanese | TBA | TBA | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 45 | Organic Solid State Photophysics | Masaki Tanaka | Second Semester (Oct-Mar) | | English/Japanese | TBA | TBA | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 46 | Molecular Solid State Theory | Gaku Fukuhara | Second Semester (Oct-Mar) | | English/Japanese | TBA | TBA | | Ito | 2 credits | Lecture | | The Lecture is held in English when International Students are taking. | | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do | |
| 47 | International Scientific English Training | Andrew Robertson | Second Semester (Oct-Mar) | | English | TBA | TBA | | Ito | | | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 48 | Reaction Control for Materials Processing | Ko-ichiro Ohtno | Spring Quarter (first quarter : Apr.-Jun.) | | English | Tue. | Period 4-5 | | Ito | | | 2 credits | Lecture | | | https://ku-portal.kyushu-u.ac.jp/campusweb/s/bsskgr.do?clearAccessData=true&contentname=s/bsskgr&jmmNo=7 |
| 49 | Electronic Device | Makoto Arita | Summer Quarter (second quarter : Jun.-Aug.) | | English | Mon. Wed. | Period 1 | | Ito | | | 2 credits | Lecture | | | https://ku-portal.kyushu-u.ac.jp/campusweb/s/bsskgr.do?clearAccessData=true&contentname=s/bsskgr&jmmNo=7 |