

Graduate School of Engineering

| | Course Title | Lecturer | Term | Language | Course Day | Course Period | Campus | Credits | Course Structure | Course Requirement | Remarks | Syllabus |
|---|---|------------------------------------|---|----------|------------|---------------|--------|-----------|------------------|--|---------|---|
| 1 | 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 |
| 2 | Environmental Fluid Transport Phenomena | Takayuki Watanabe Manabu Tanaka | Summer Quarter (second quarter : Jun.-Aug.) | English | Wed. | Period 1-2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 3 | Electrochemical Systems engineering | Gen Inoue | Fall Quarter (third quarter : Oct.-Nov.) | English | Fri. | Period 1-2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 4 | Biomaterials Engineering | Hiroyuki Ijima | Fall Quarter (third quarter : Oct.-Nov.) | English | Mon. | Period 1-2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 5 | Cell & Tissue Engineering A | Masamichi Kamihira | Fall Quarter (third quarter : Oct.-Nov.) | English | Mon. | Period 3 | Ito | 1 credit | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 6 | Cell & Tissue Engineering B | Masamichi Kamihira | Winter Quarter (fourth quarter : Dec.-Feb.) | English | Mon. | Period 3 | Ito | 1 credit | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 7 | Tribology | K.Yagi | First Semester (Apr-Sep) | English | Thu. | Period 2 | Ito | 2 credits | Lecture | (他専攻学生は不可) 機械工学の基礎を修得した学生はOK 機械系(機械、水素、航空、船舶)以外の受講希望学生については要相談 | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 8 | Advanced Energy Engineering II | K.Yagi等 | Intensive Course (TBD) | English | TBD | TBD | Ito | 2 credits | Lecture | (他専攻学生は不可) 機械工学の基礎を修得した学生はOK 機械系(機械、水素、航空、船舶)以外の受講希望学生については要相談 | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 9 | Fracture Mechanics | Shigeru Hamada | First semester (Apr-Sep) | English | Wed. | Period 3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |

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| 10 | Reactive Gas Dynamics | Toshiaki KITAGAWA | First semester (Apr-Sep) | English | Mon. | Period 2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 11 | Computational Intelligence | Kazuo KIGUCHI | First semester (Apr-Sep) | English | Tue. | Period 3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 12 | Theory of Plasticity | SHINAGAWA Kazunari | Second semester (Oct-Mar) | English | Mon. | Period 3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 13 | Gas Dynamics | Hideo Mori | Second semester (Oct-Mar) | English | Fri. | Period 2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 14 | Clean Energy Technologies | TBD | Intensive Course (TBD) | English | TBD | TBD | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 15 | Advanced Heat and Mass Transfer A | K.Miyazaki, | Spring Quarter (first quarter : Apr.-Jun.) | English | Wed. | Period 4 | Ito | 1 credit | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 16 | Advanced Heat and Mass Transfer B | K.Miyazaki | Summer Quarter (second quarter : Jun.-Aug.) | English | Wed. | Period 4 | Ito | 1 credit | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 17 | Fuel Cell Engineering | TBD | Second semester (Oct-Mar) | English | Wed. | Period 1 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 18 | Hydrogen Production and Storage | Hisao MATSUNAGA, Hiroshige MATSUMOTO, Hai-Wen LI | Second semester (Oct-Mar) | English | Mon. | Period 3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 19 | High-Pressure Gas Safety Engineering | Kohei ITO 等 | Intensive Course (TBD) | English | TBD | TBD | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |

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| 20 | Advanced Energy Engineering I | K. Sasaki等 | Intensive Course (TBD) | English | TBD | TBD | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 21 | Hydrogen Energy Engineering | Kohei ITO 等 | Second semester (Oct-Mar) | English | Wed. | Period 3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 22 | Advanced Robotics | M. Yamamoto | Second Semester (Oct-Mar) | English | Thu. | Period 2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 23 | Environmental Planning | Hirofumi Nakayama | First Semester (Apr-Sep) | English | Mon. | Period 3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 24 | Research Planning | Kiyonobu Kasama | Spring Quarter (first quarter : Apr.-Jun.) | English | Tue. | Period 1-2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 25 | Urban Development Project | Kenichi Tsukahara | First Semester (Apr-Sep) | English | Tue. | Period 3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 26 | Advanced Data Analysis | Hisatoshi Taniguchi | Spring Quarter (first quarter : Apr.-Jun.) | English | Wed. | Period 1-2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 27 | Advanced Structural Analysis | Hiroki Tamai | Summer Quarter (second quarter : Jun.-Aug.) | English | Wed. | Period 1-2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 28 | Advanced Concrete Engineering | Hidenori Hamada | First Semester (Apr-Sep) | English | Wed. | Period 3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 29 | Groundwater Environmental Systems | Yoshinari Hiroshiro | First Semester (Apr-Sep) | English | Wed. | Period 4 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |

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| 30 | Numerical Analysis | Mitsuteru Asai | Summer Quarter (second quarter : Jun.-Aug.) | English | Thu. | Period 2-3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 31 | Geo-Spatial Information Science | Yasuhiro Mitani | Spring Quarter (first quarter : Apr.-Jun.) | English | Fri. | Period 1-2 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 32 | Geo-disaster Prevention and Mitigation | Kiyonobu Kasama | First Semester (Apr-Sep) | English | Fri. | Period 3 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 33 | Urban Engineering & Economics | Shunsuke Managi | Intensive Course (TBA) | English | TBA | TBA | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 34 | Practice in Environmental Studies | Satoko Seino | Intensive Course (TBA) | English | TBA | TBA | Ito | 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 | N/A | 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 | N/A | 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 | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 38 | Molecular Electronic Structures | Yoshihito Shiota | First Semester (Apr-Sep) | English/Japanese | Wed. | Period 3 | Ito | 2 credits | Lecture | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 39 | Polymar Synthesis and Reaction | Ken Kojio | First Semester (Apr-Sep) | English/Japanese | Thu. | Period 2 | Ito | 2 credits | Lecture | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |

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| 40 | Organic Solid State Photophysics | Hajime Nakanotani | First Semester (Apr-Sep) | English/Japanese | Fri. | Period 2 | Ito | 2 credits | Lecture | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 41 | Organic Functional Chemistry | Soji Shimizu | Second Semester (Oct-Mar) | English/Japanese | TBA | TBA | Ito | 2 credits | Lecture | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 42 | Physical and Chemical Properties of Materials | Atsuomi Shundo | Second Semester (Oct-Mar) | English/Japanese | TBA | TBA | Ito | 2 credits | Lecture | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 43 | NanoBio Electroanalytical Chemistry | Koji Nakano | Second Semester (Oct-Mar) | English/Japanese | TBA | TBA | Ito | 2 credits | Lecture | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 44 | Organic Electronics and Photonics | Chihaya Adachi | Second Semester (Oct-Mar) | English/Japanese | TBA | TBA | Ito | 2 credits | Lecture | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 45 | Materials Properties of Ceramics | Hirofumi Akamatsu | Second Semester (Oct-Mar) | English/Japanese | TBA | TBA | Ito | 2 credits | Lecture | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 46 | Applied Surface Chemistry | Tatsumi Ishihara | Second Semester (Oct-Mar) | English/Japanese | TBA | TBA | Ito | 2 credits | Lecture | N/A | The Lecture is held in English when International Students are taking. | https://ku-portal.kyushu-u.ac.jp/campusweb/login.do |
| 47 | Advanced Semiconductor Materials | Shinji Munetoh | Summer Quarter (second quarter : Jun.-Aug.) | English | Wed. | Period 3-4 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/slbsskgr.do?clearAccessData=true&c_ontenam=slbsskgr&kjnmnNo=7 |
| 48 | Heat Treatment of Metals | Toshihiro Tsuchiyama Takuro Masumura | Winter Quarter (fourth quarter : Dec.-Feb.) | English | Tue. | Period 3-4 | Ito | 2 credits | Lecture | N/A | N/A | https://ku-portal.kyushu-u.ac.jp/campusweb/slbsskgr.do?clearAccessData=true&c_ontenam=slbsskgr&kjnmnNo=7 |