

Chemical Science and Technology (Day Course)

● 工業数学

- Differential Equations (I)** ...Imai/2nd-year(1st semester)
- Differential Equations (II)** ...Mizuno/2nd-year(2nd semester)
- Complex Analysis** ...Okamoto/2nd-year(2nd semester)
- Vector Analysis** ...Mizuno/2nd-year(1st semester)
- Probability and Statistics** ...Imai/4th-year(1st semester)
- Differential Equations(III)** ...Fukagai/3rd-year(1st semester)

● 工業物理学

- Quantum Mechanics** ...Ohno/2nd-year(1st semester)
- Statistical Mechanics** ...Ohno/2nd-year(2nd semester)

● 化学基礎

- Introduction to Chemical Science and Technology** ...Teacher of Chemical Science and Technology/1st-year(1st semester)
- Introduction to Physical Chemistry** ...Uosaki/1st-year(1st semester)
- Introduction to Organic Chemistry** ...Kawamura・Ute/1st-year(1st semester)
- Introduction to Chemical Engineering** ...Sugiyama/1st-year(1st semester)
- Basic Analytical Chemistry** ...Yabutani/1st-year(1st semester)
- Organic Chemistry 1** ...Kawamura・Ute/1st-year(2nd semester)
- Basic Inorganic Chemistry** ...Yasuzawa・Moriga/1st-year(2nd semester)
- Basic Physical Chemistry** ...Suzuki・Uosaki/1st-year(2nd semester)
- Physical Chemistry** ...Kanezaki/2nd-year(1st semester)
- Organic Chemistry 2** ...Ute・Kawamura/2nd-year(1st semester)
- Inorganic Chemistry** ...Moriga/2nd-year(1st semester)
- Introduction to Chemical Reaction Engineering** ...Sugiyama/2nd-year(2nd semester)
- Chemical Engineering Principles** ...Katoh・Horikawa/2nd-year(1st semester)
- Chemical Reaction Engineering** ...Sugiyama/3rd-year(1st semester)
- Separation Science and Technology** ...Katoh/2nd-year(2nd semester)

● 物質合成化学

- Organic Chemistry 3** ...Kawamura・Nishiuchi/2nd-year(2nd semester)
- Polymer Chemistry 1** ...Minagawa・Hirano/2nd-year(2nd semester)
- Polymer Chemistry 2** ...Ute/3rd-year(1st semester)
- Organic Chemistry 4** ...Hirano・Nishiuchi/3rd-year(1st semester)
- Organic Chemistry 5** ...Minagawa/3rd-year(2nd semester)
- Industrial Organic & Inorganic Chemistry** ...Minagawa・Moriga/3rd-year(1st semester)
- Exercises in Synthetic Organic Chemistry** ...Nishiuchi/3rd-year(2nd semester)
- Special Lecture on Chemical Science and Technology 1** ...Part-time Lecturer/3rd-year(1st semester)

● 物質機能化学

- Analytical Chemistry** ...Yabutani/2nd-year(1st semester)
- Instrumental Analytical Chemistry** ...Yabutani/2nd-year(2nd semester)
- Global Environmental Chemistry** ...Yabutani/3rd-year(1st semester)
- Electrochemistry** ...Yasuzawa/3rd-year(2nd semester)
- Quantum Chemistry** ...Kanezaki/3rd-year(1st semester)
- Exercises in Physicochemistry** ...Yoshida・Kurashina/1st-year(2nd semester)
- Solution Chemistry** ...Uosaki/2nd-year(2nd semester)
- Special Lecture on Chemical Science and Technology 2** ...Part-time Lecturer/3rd-year(1st semester)

● 化学プロセス工学

- Material Science** ...Murai/2nd-year(1st semester)
- Materials Process Engineering** ...Murai/2nd-year(2nd semester)
- Physical Properties of Materials** ...Moriga/3rd-year(1st semester)
- Powder Engineering** ...Katoh/3rd-year(1st semester)
- Chemical Process Design** ...Sotowa/3rd-year(2nd semester)
- Catalytic Science and Technology** ...Sugiyama/3rd-year(1st semester)
- Automatic Control** ...Sotowa/3rd-year(1st semester)

Exercises in Reaction Engineering ...Nakagawa/3rd-year(2nd semester)

Exercises in Chemical Engineering ...Horikawa/3rd-year(1st semester)

Special Lecture on Chemical Science and Technology 3 ...Part-time

Lecturer/3rd-year(2nd semester)

● 実験・実習

Laboratory in General Physics ...Kishimoto・Kawasaki/2nd-year(1st semester)

Experiments of Analytical, Inorganic and Physical Chemistry ...Yasuzawa

・Suzuki・Yabutani・Kurashina・Yoshida・Fujinaga・Kawachi・Ueta/3rd-year(1st semester)

Experiments of Organic and Polymer Chemistry ...Minagawa・Hirano・

Nishiuchi・Oshimura・Kawachi・Fujinaga・Ueta/3rd-year(whole year)

Experiments of Chemical Process Engineering ...Moriga・Katoh・Sotowa・

Murai・Horikawa・Nakagawa/3rd-year(2nd semester)

Seminar on Chemical Science and Technology ...All teachers of Chemical

Science and Technology/4th-year(whole year)

Undergraduate Work ...All teachers of Chemical Science and Technology/

4th-year(whole year)

● 工学通論

Safety Engineering ...Nakagawa/2nd-year(1st semester)

Engineering Ethics ...Imura・Misaki/3rd-year(1st semester)

Personnel Management ...Kuwamura/4th-year(1st semester)

Production Control ...Sano/4th-year(1st semester)

Ecosystem Engineering ...Kidoguchi・Kozuki・Kondo・Hashimoto・Fujisawa・

Okushima・Matsuo・Yamanaka・Tomita・SATO・Ito・Nada/2nd-year(1st semester)

Introduction to Well-being Technology for All ...Fujisawa・SATO・Ito・

Sueda/1st-year(1st semester)

Vocational Guidance ...Sakano/4th-year(1st semester)

Introduction to New Business ...Vice chairperson of School Affairs Committee ,

Faculty of Engineering・First-line men with experience of practical business/4th-year(1st semester)

Intellectual Property ...Fujii・Yano・Iida・Yamauchi・京和/3rd-year(1st semester)

Seminar on Industrialization of Intellectual Property ...Deguchi/

3rd-year(2nd semester)

● 専門教育科目

Industrial Basic English ...Sasaki/1st-year(1st semester)

Industrial Basic Mathematics ...Yoshikawa/1st-year(1st semester)

Industrial Basic Physics ...Sakon/1st-year(1st semester)

● STC 関連科目

Basic Technical English ...Carpenter/1st-year(2nd semester)

Technical English ...Carpenter/2nd-year(1st semester)

Advanced Technical English ...Koinkar/2nd-year(2nd semester)

Practical Technical English ...Koinkar/3rd-year(1st semester)

Scientific Presentation Skills ...Carpenter/3rd-year(2nd semester)

Monodukuri Practice 1 ...Fujisawa・Tsuzuki・Hanabusa・konishi・Kikuchi/1st-year(1st semester)

Monodukuri Practice 2 ...Fujisawa・Tsuzuki・Hanabusa・konishi・Kikuchi/1st-year(2nd semester)

Project Design, Fundamentals ...Fujisawa・konishi・Hanabusa/2nd-year(1st semester)

● キャリア教育科目

Introduction to Career Planning (1) ...Tanaka・学年担任・Part-time Lecturer/1st-year(1st semester)

Introduction to Career Planning (2) ...Tanaka・学年担任・Part-time Lecturer/1st-year(2nd semester)

Career Planning (1) ...Tanaka・学年担任・Part-time Lecturer/2nd-year(1st semester)

Career Planning (2) ...Tanaka・学年担任・Part-time Lecturer/2nd-year(2nd semester)

Short-Term Internship ...Tanaka・学年担任・Part-time Lecturer/3rd-year(1st semester)

Career Planning (3) ...Tanaka・学年担任・Part-time Lecturer/4th-year(2nd semester)