

SYLLABUS

Date / Revision 23 May 2015 / 02 May 2017 / PP
Faculty Engineering
Study Program All

SUBJECT: 2018 Oral Final Study Examination – OFSE

1 Basic Information

1.01	Subject Name	Oral Final Study Examination - OFSE
1.02	Semester	6
1.03	Level	1
1.04	SKS	0
1.05	Mandatory / Curriculum	U
1.06	Subject Code	OFSE
1.07	File Code	OFSE-160U (level, semester, sks, category)
1.08	Year	Valid for OFSE 2018
1.09	Quality Control	See below
1.10	Limitations	1 student per examination
1.11	Combined with	All study programs
1.12	Prerequisite	5 (five) subjects; 2 Mandatory, 3 Elective (see list below)
1.13	Responsible	Examination Steering Committee (ESC)
1.14	Legal base / Disclaimer	Academic Regulations (2017); Art 4.5 OFSE (Oral Final Study Examination) Subject to change / earlier versions are no more valid
1.15	Revision	21-05-2017/pp

2 Scope of the subjects

5 (five) Academic Subjects

2 Mandatory, min 3 SKS each

3 Elective Subjects (see list in annex)

3 Study Programs involved (Engineering) 2018

- AVE: Aviation Engineering
- ELE: Electrical Engineering
- INE: Industrial Engineering
- MEE: Mechanical Engineering
- MTE: Mechatronics Engineering

4 Examiners / Type of Exam / Duration

- Lecturer of respective subjects and External Examiners (elected by the Examination Steering Committee) and/or an academic Expert from Partner University
- OFSE is close book and oral examination.
- OFSE takes 45 Minutes per subject

5 Prerequisites

- CGPA > 2.5
- all subject up to 6 semesters passed and
- all administrative requirements fulfilled

6 Academic Content of the Examination

- Ref: Syllabi of the respective subjects published in www.iuli.ac.id

7 Examination Procedure

- Examiner and External Examiner are responsible for the organization, the recording and the evaluation of OFSE
- Examiner prepare Questions, taken by the candidates by random

8 Evaluation / Repetition

8.1	Pass OFSE for National Degree	Scores of local examiner and external examiner: 50%:50% Score No "F" grade
8.2	Pass OFSE for Double Degree	Same as 8.1 and no "F" grade Score by examiner from partner University
8.3	OFSE Repetition	All subjects with scores "C", "D" and "F" Repetition can be done within 6 months. For Double Degree (see 8.2) a repetition can be done once within 12 months only

9 Appeal

9.1	Appeal	Recommendation: Candidates would like appeal against OFSE are required to consult the dean first. A second person has to record the discussion Appeal must be submitted based on the requirements of Academic Regulations
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10 Disciplinary / Late Arrival

- 10.1 Late arrival by candidate: result is an "F" for respective subject (disciplinary)
- 10.2 Late Arrival by Examiner and/or External Examiner
Candidate has the right to cancel the examination, and if the candidate cancel OFSE (one subject), the student will get a score of "70" or "C" grade for the respective subject

11 Mandatory Subjects (Engineering)

Study Program	Subject
<ul style="list-style-type: none"> Aviation Engineering Industrial Engineering Mechanical Engineering Automotive (2019) 	Industrial Electronics and Laboratory and Statics and Mechanics of Materials
<ul style="list-style-type: none"> Electrical Engineering Mechatronics 	Basic Electric Circuits and Laboratory and Statics and Mechanics of Materials

12 Elective Subjects (Engineering)

Study Program	Subject
Automotive Engineering	<ul style="list-style-type: none"> Sensor & Instrumentation Technology Heat Transfer Mechanical Vibration Control Technique Internal Combustion Engine Automotive System Engineering Design
Aviation Engineering	<ul style="list-style-type: none"> Thermo Fluid Science Aerodynamics Aircraft Systems and Components Flight Control Aviation Engineering System Design
Computer Science	<ul style="list-style-type: none"> Artificial Intelligence Programming Language Design Security & Protection Networking System Modeling & Simulation
Electrical Engineering	<ul style="list-style-type: none"> Power Electronics Electric Power Systems & Transmission Control Technique Micro-controller Systems & Interface Digital Signal Processing
Industrial Engineering	<ul style="list-style-type: none"> Robotics & Automation Operation Research Enterprise Resource Planning (ERP) Production Planning and Inventory control Industrial Engineering system design
Mechanical Engineering	<ul style="list-style-type: none"> Mechanical Vibration Robotics

Study Program	Subject
	<ul style="list-style-type: none"> • Control Technique • Thermo-Fluid Science • Advanced Machine Elements
Mechatronics	<ul style="list-style-type: none"> • Micro-controller Systems & Interfacing • Control Technique • Signals and Systems • Power Electronics • Digital Signal Processing • Pneumatics & Hydraulics

*the list of elective courses may be updated

SYLLABUS

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Faculty Life Sciences
Study Program All Study Program in Life Sciences: Biomedical Engineering (BME), Chemical Engineering (CHE)
 Food Technology (FTE)

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1.08	Year	Valid for OFSE 2018
1.09	Quality Control	See below
1.10	Limitations	1 student per examination
1.11	Combined with	Biomedical Engineering (BME), Chemical Engineering (CHE) Food Technology (FTE)
1.12	Prerequisite	5 (five) subjects; 2 Mandatory, 3 Elective (see list below)
1.13	Responsible	Examination Steering Committee (ESC)
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2 Scope of the subjects

5 (five) Academic Subjects

2 Mandatory, min 3 SKS each

3 Elective Subjects (see list in annex)

3 Study Programs involved (Engineering) 2018

- Biomedical Engineering (BME)
- Chemical Engineering (CHE)
- Food Technology (FTE)

4 Examiners / Type of Exam / Duration

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11 Mandatory Subjects (Engineering)

Study Program	Subject
<ul style="list-style-type: none"> • Biomedical Engineering (BME) • Chemical Engineering (CHE) • Food Technology (FTE) 	Biology Chemistry

12 Elective Subjects (Engineering)

Study Programs	Subjects
<ul style="list-style-type: none"> • Biomedical Engineering (BME) 	<ul style="list-style-type: none"> • Anatomy and Physiology • Biochemistry • Signal and Systems • Digital Signal Processing • Biomedical Instrumentation 1 • Biomedical Instrumentation 2
<ul style="list-style-type: none"> • Chemical Engineering (CHE) 	<ul style="list-style-type: none"> • Physical Chemistry • Chemical Engineering Thermodynamics • Heat and Mass Transfer operations • Fluid and Particle Mechanics • Microbiology • Chemical Reaction Engineering Design
<ul style="list-style-type: none"> • Food Technology (FTE) 	<ul style="list-style-type: none"> • Physical Chemistry • Food Chemistry • Food Engineering • Microbiology • Food Processing Technology 1 • Food Processing Technology 2

*the list of elective courses may be updated

**Available Courses for
OFSE: Oral Final Study Examination
In Department of**

INTERNATIONAL BUSINESS ADMINISTRATION & MANAGEMENT

Event	:	OFSE – Oral Final Study Examination
Scheme/Procedures	:	<ul style="list-style-type: none"> • Students must undergo selective courses for OFSE, which consist of 2 mandatory courses, 3 elective courses based on the student’s chosen concentration during the period of study at IULI. • Total courses are 5 for each of the students • For each of the course, during which time the OFSE schedules are organized and informed, individually each of the students will enter the exam room to pick a single envelope. Once the envelope is opened, the student has 15 minutes to try to address the questions. For the next 30 minutes, the student must use the time wisely to offer the answer orally to the examiners. Additional questions are permissible from the examiners to try to confirm the answers and/or follow-up with the answers provided by the student. • A minimum passing grade of C must be obtained to continue the subsequent semester. Otherwise, repetitions on OFSE will be arranged in due time upon failure. • Ideally, OFSE will be supervised and examined by the respective lecturers, who were once handled the courses during the period of study, in addition to other lecturers or guest examiners. The Department and Faculty reserve the rights to organize the necessary arrangements to ensure the smooth activities of OFSE

		MGT (including AVM)	IBA
Mandatory Courses (choose TWO)	:	Introduction to Business & Management Principles of Economics Corporate Finance Strategic Management	

		HRM	Marketing	Finance	Operation	Aviation
Elective Courses (choose THREE)	:	<ul style="list-style-type: none"> International HRM Organizational Behavior & Development Change Management Knowledge Management & Leadership Performance Management & HR Scorecards Labor Relations Management 	<ul style="list-style-type: none"> International Marketing Consumer Behavior Brand Management Retail Management Service Marketing Marketing Research 	<ul style="list-style-type: none"> Corporate Finance International Finance Investment Analysis & Portfolio Financial Statement Analysis Money & Capital Market Risk Management 	<ul style="list-style-type: none"> Operation Management Operation Research Project Management Supply Chain Management Total Quality Management Business Process Re-Engineering 	<ul style="list-style-type: none"> Air Traffic Control Aviation Safety Management & Regulation Aviation Financial Management Airport Planning, Operation & Facility Management Airline & Cargo Management Aviation Maintenance Management Air Transport Market Analysis

- The available subjects above for OFSE are subject to changes and revisions
- The actual implementation follows the internal arrangements & policies of the Department & Faculty
- The Department & Faculty reserves the rights to modify the actual schemes/procedures & choices of courses in due time depending on the availability of the respective lecturers and/or examiners