

BACHELOR'S CURRICULUM OF PRESIDENT UNIVERSITY
2017 - 2020
ACTUARIAL SCIENCE

YEAR 1

Semester 1

Code	Subject	Credit
PUN101	Entrepreneurship 1	3
PUN110	English 1	3
ACS101	Calculus 1	3
ACS102	Statistics Method	3
ACS103	Linear Algebra	3
ACS104	Discrete Mathematics	3
TOTAL		18

YEAR 2

Semester 4

Code	Subject	Credit
PUN203	Corporate Entrepreneurship 1	6
ACS261	Introduction of Programming	3
ACS262	Macroeconomics	3
ACS210	Mathematical Statistics	3
ACS211	Actuarial Mathematics 1	3
TOTAL		18

YEAR 3

Semester 7

Code	Subject	Credit
PUN306	Start-Up1 (Creativepreneurship 1)	(3) 3
ACS365	Catagorical Data Analysis	(3)
ACS366	Machine Learning	3
	Elective 3	3
ACS315	Survival Models	3
ACS316	Linear Regression and Time Series Models	3
ACS317	Risk Models	3
TOTAL		18

YEAR 4

Semester 10

Code	Subject	Credit
PUN488	Thesis	(6) 6
PUN499	Final Project	(6)
TOTAL		6

Semester 2

Code	Subject	Credit
PUN102	Entrepreneurship 2	3
PUN113	Cultural Diversity (Mandarin)	(3) 3
PUN114	Cultural Diversity (Indonesian language)	(3)
ACS105	Probability	3
ACS106	Theory of Interest	3
ACS107	Calculus 2	3
ACS108	Differential Equation	3
ACS109	Microeconomics	3
TOTAL		21

Semester 5

Code	Subject	Credit
PUN204	Corporate Entrepreneurship 2	6
	Elective 1	3
	Elective 2	3
ACS212	General Insurance	3
ACS213	Actuarial Mathematics 2	3
TOTAL		18

Semester 8

Code	Subject	Credit
PUN307	Start-Up2 (Creativepreneurship 2)	(6) 6
	Elective 4	(3)
	Elective 5	(3)
PUN312	English 3	3
ACS318	Risk Management	3
ACS319	Stocastics Procces	3
	Elective 4/Elective 6	3
TOTAL		18

Semester 3

Code	Subject	Credit
INA101	Religion	2
INA102	Pancasila	2
INA103	Citizenship	2
INA104	Indonesian Language	3
TOTAL		9

TOTAL YEAR 1

48

Semester 6

Code	Subject	Credit
PUN205	Corporate Entrepreneurship 3	3
PUN211	English 2	3
ACS214	Actuarial Accounting	3
TOTAL		9

TOTAL YEAR 2

45

Semester 9

Code	Subject	Credit
PUN308	Start-Up3 (Creativepreneurship 3)	(9) 9
PUN309	Internship	(9)
TOTAL		9

TOTAL YEAR 3

45


TOTAL YEAR 4

6

TOTAL

144

Head of Study Program ACS Dean, Faculty of Business Acknowledged by
 Vice Rector of Academics



Maria Yus Trinity Irsan, M.Si

Prof Dr. Ajay-ChauhannFPM (IIMA), MA (Econ)

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Elective		
Code	Subject	Credit
ACS231	Mortality Table	3
ACS232	Advanced Mathematics of Finance	3
ACS233	Generalized Linear Models	3
ACS234	Numerical Methods	3
ACS335	Mathematics of Capital Market	3
ACS336	Corporate of Finance	3
ACS337	Health Insurance Mathematics	3
ACS338	Pension Fund	3
ACS339	Credibility Theory	3

Note : General Subjects
University Core