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| 受験番号  (Examinee’s Number) | M  （Leave blankこの欄には記入しないでください。） |

建築学プログラム・スマートイノベーションプログラム

試験科目届

建築学プログラム及びスマートイノベーションプログラムを志望する者は，出願の際に当該プログラムの試験科目2科目のうちから1科目を選択し提出してください。

　なお，試験科目は，志望する指導教員の担当する分野（「教員一覧」参照）の科目とします。

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| 志願者氏名  Name of Applicant |  |

建築学プログラムを志望する者

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| 選択欄  ※いずれかに○を記入 | 試験科目 | | |
|  | 建築構造学 | 専門科目Ⅰ | 建築構造学（建築材料学を含む。），建築計画学（都市計画・建築設計学を含む。），建築環境学（建築設備を含む。），建築史・建築意匠に関する基礎的事項全般 |
| 専門科目Ⅱ | 建築構造学（建築材料学を含む。）に関する専門的事項全般 |
|  | 建築計画学 | 専門科目Ⅰ | 建築構造学（建築材料学を含む。），建築計画学（都市計画・建築設計学を含む。），建築環境学（建築設備を含む。），建築史・建築意匠に関する基礎的事項全般 |
| 専門科目Ⅱ | 建築計画学（都市計画・建築設計学を含む。），建築環境学（建築設備を含む。），建築史・建築意匠に関する専門的事項全般 |

スマートイノベーションプログラムを志望する者

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| 選択欄  ※いずれかに○を記入 | 試験科目 | | |
|  | 応用化学 | 専門科目Ⅰ | 基礎有機・高分子化学（基礎的な有機反応・重合反応，酸・塩基，構造（共鳴，高分子も含めた立体化学，異性体）），基礎物理化学（平衡論，量子論），基礎無機・分析化学（基礎的事項全般） |
| 専門科目Ⅱ | 専門有機・高分子化学（触媒反応，多段階合成，精密合成，反応機構），専門物理化学（速度論，分子構造論），専門無機・分析化学（専門的事項全般）の3分野のうち1分野を選択し解答する。 |
|  | 電気システム制御 | 専門科目Ⅰ | 線形代数，微積分，確率・統計に関する問題を３問解答する。 |
| 専門科目Ⅱ | 回路理論，制御工学，電子回路，論理回路，数理計画法，常微分方程式に関する問題から3問選択し解答する。 |

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| 受験番号  (Examinee’s Number) | M  （Leave blankこの欄には記入しないでください。） |

Registration of selected subject for Applicants of

Architecture Program and Smart Innovation Program

Applicants for Architecture Program and Smart Innovation Program must select one subject from two subjects of the examination subject.

In addition, the examination subject will be the subject in the field in which the desired academic supervisor is in charge (see “Lists of Academic Supervisors”).

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| --- | --- |
| Name of Applicant |  |

**Architecture Program**

Please mark one selected subject with ○ from the following subjects.

|  |  |  |  |
| --- | --- | --- | --- |
| Selection  Column | Subjects | | |
|  | Building Engineering | Specialized subject Ⅰ | Fundamental problems in Building Engineering (including Building Materials), Architectural Planning (including Urban Planning and Architectural Project), Architectural Environments (including Building Services), and Architectural History and Design Theory. |
| Specialized subject Ⅱ | Specialized problems in Building Engineering (including Building Materials). |
|  | Architecture | Specialized subject Ⅰ | Fundamental problems in Building Engineering (including Building Materials), Architectural Planning (including Urban Planning and Architectural Project), Architectural Environments (including Building Services), and Architectural History & Design Theory. |
| Specialized subject Ⅱ | Specialized problems in Architectural Planning (including Urban Planning and Architectural Project), Architectural Environments (including Building Services), and Architectural History & Design Theory. |

**Smart Innovation Program**

Please mark one selected subject with ○ from the following subjects.

|  |  |  |  |
| --- | --- | --- | --- |
| Selection  Column | Subjects | | |
|  | Applied Chemistry | Specialized subject Ⅰ | Basic Organic • Polymer Chemistry (Basic Organic and Polymerization Reactions, Acids and Bases, Structure (Resonance, Stereochemistry of Organic Compounds Including Polymers, Isomers), Basic Physical Chemistry (Equilibrium, Quantum), Basic Inorganic • Analytical Chemistry (Fundamental Problems in Inorganic and Analytical  Chemistry) |
| Specialized subject Ⅱ | Select one of the following three subject groups:  Advanced Organic • Polymer Chemistry (Catalytic Reactions, Multistep Synthesis, Precise Synthesis, Reaction Mechanism), Advanced Physical Chemistry (Kinetics, Molecular Structure), Advanced Inorganic • Analytical Chemistry (Specialized Problems in Inorganic and Analytical Chemistry) |
|  | Electrical, Systems, and Control Engineering | Specialized subject Ⅰ | Answer three problems about linear algebra, infinitesimal calculus, and probability and statistics. |
| Specialized subject Ⅱ | Select and answer three questions that you select from problems about electric circuit theory, control engineering,　electronics circuit, logic circuit, mathematical programming, ordinary differential equations. |