Ministry of Education and Science of Ukraine
Kyiv National University of Trade and Economics

Educational Program
Financial Law
The first level of higher education
Specialty 081 Law
Field of study 08 Law
Qualification: Bachelor's degree in Higher Education
Specialty "Law"
Specialization "Financial Law"

1. Profile of the educational program in specialty 081 "Law" (in specialization "Financial Law")

| 1 - General information |  |
| :--- | :--- |
| Full name of IHE and <br> structural unit | Kyiv National University of Trade and Economics <br> Faculty of International Trade and Law <br> Department of Administrative, Financial and Information Law |
| Academic degree and <br> qualification title in the <br> original | Bachelor's Degree <br> Specialty 081 "Law" <br> Specialization "Financial Law" |
| Educational program title | Financial Law |
| Qualification title (Degree), <br> program credits and <br> duration | Bachelor's degree, 240 ECTS credits, <br> the term of training is 3 years 10 months |
| Accreditation | Ministry of Education and Science of Ukraine, Ukraine <br> Till 01.07.2019 |
| Cycle/Level | NQF of Ukraine - level 7, <br> FQ for EHEA - first cycle, <br> EQF for LLL - level 6 |
| Academic background | Full secondary education, elementary level of higher education |
| Language(s) of instruction | Ukrainian |
| Program duration | Till 1.07.2019 |
| Educational program link | https://knute.kiev.ua/ |

2 - Educational program aim

To develop a modern system of professional knowledge and skills in the field of financial law. To encourage a person capable of successfully working in the field of law necessary for the implementation of legal practice in the field of financial activity on the basis of the acquired integral, general (instrumental, interpersonal, systemic) and professional competencies.

## 3 - Educational program general information

Subject area (Field of study, Field of study 08 "Law" specialty and specialization) Specialty 081 "Law"

Specialization "Financial Law"
The number of compulsory components (NCC) is $73.0 \%$. The volume of the general training cycle is $13 \%$, the volume vocational training cycle is $54 \%$, and practical training is $6 \%$.
The educational components for higher education students are $27 \%$, which include $10 \%$ of compulsory components and the professional training is $17 \%$.

## Educational program

 orientation|  |  |
| :--- | :--- |
| Educational program and | General higher education in specialty "Law", specialization is "Financial | specialization goals and objectives law"

Key words: law, financial law, lawyer, bachelor, qualification
Specific requirements $\quad$ The possibility of an optional component of professionally-oriented disciplines for work in the legal field; two-week practical training during the third year of study and six weeks of practical training during the fourth year of study at enterprises, institutions, organizations, and jurisdictional state bodies.

## 4 - Career opportunities and further learning

| Career opportunities | According to the National Classification of Economic Activities of the NC 009: 2010, as well as taking into account the requirements of the labor market, the types of professional activity for a graduate are: <br> - legal activity: advocacy, notarial and other legal activity, providing other commercial services - C . 69.10; <br> - public relation activities - C. 70.21; <br> - consultations on business and management issues - C. 70.22; <br> - conducting investigations - C. 80.30; <br> - activities in the field of justice and courts of justice - C. 84.23; <br> - activities in the field of compulsory social insurance - C. 84.30; <br> - activities in the field of higher education C.85.42; <br> - activities of public organizations -C. 94.99. <br> According to the National Classification of Professions NC 003: 2010 a graduate may hold the following primary positions as: a public and private executor; State Commissioner; office employee (nongovernmental institutions of jurisprudence); secretary administrative; secretary of the body of self-organization of the population; office employee (insurance); court secretary; secretary of the court board; bailiff; court administrator; management worker (state institutions); clerical worker (system of legal proceedings); assistant private detective; lawyer's assistant; notary's assistant; assistant notary public; judge's assistant; investigator's assistant, assistant member of the commission; Personnel Inspector; civil servant; Personnel and Civil Service Expert; lawyer's assistant; Assistant Legal Counsel. |
| :---: | :---: |
| Further learning | To achieve Master's degree. <br> To acquire another qualifications in the system of postgraduate education. |
|  | 5 - Training and assessment |
| Teaching and learning | Class work and individual work on the basis of problem-oriented approach with the use of modern educational technologies and methodology (trainings, modeling of court disputes), presentations, discussions, modeling of legal situations, "brain storm", case-study methods, preparation of legal conclusions, generalization of judicial practice, working in small groups, distance learning. |


| Assessment | $\begin{array}{l}\text { Current control, final control (control tests, testing, project protection, } \\ \text { solution of situational tasks (cases), business games, etc.); practical } \\ \text { training; final semester control (credits and exams); final qualification } \\ \text { exam }\end{array}$ |
| :--- | :--- |
| Integral competence (IC) | $\begin{array}{l}\text { Ability to solve complex specialized and practical tasks in the field of } \\ \text { professional legal activity or in the process of learning that involves the } \\ \text { application of legal doctrines, principles and legal institutions and is } \\ \text { characterized by complexity and uncertainty of the conditions. }\end{array}$ |
| General competence (GC) | $\begin{array}{l}\text { GC 1. Ability to maintain and increase the moral, cultural, scientific values and } \\ \text { achievements of society on the basis of understanding the history and laws of } \\ \text { the development of law, its place in the general system of knowledge about } \\ \text { nature and society and in the development of society, technology and } \\ \text { technology. } \\ \text { GC 2. Knowledge of development of society, the emergence, functioning and } \\ \text { development of state-legal phenomena and processes, the ability to take them } \\ \text { into account in professional activities. } \\ \text { GC 3. Readiness to use in professional activity knowledge on philosophy, } \\ \text { philosophy of law, psychology, economics and other social and humanitarian } \\ \text { sciences. } \\ \text { GC 4. Ability to communicate in a foreign language. } \\ \text { GC 5. Knowledge of information technologies, ability to work with legal }\end{array}$ |
| electronic databases and to know the basis of electronic document circulation. |  |
| GC 6. Mastering the skills of statistical analysis, compilation, accounting |  |$\}$

GC 12. Ability to self-improvement, improvement of intellectual and cultural level, to life-long professional education, improvement of special professional skills.

## Professional competence (PC)

PC 1. Getting legal knowledge about the national legal system, legal systems of foreign countries and the system of international law.
PC 2. Understanding the content of legal institutes of basic branches of law (constitutional law, administrative law and process, civil law and process, financial law, economic law and process, etc.).
PC 3. Ability to be able to predict and identify the laws of the emergence, functioning and development of state-legal phenomena and processes.
PC 4. The ability to respect the honor and dignity of a person, respect and protect human and civil rights, and prevent violations of the rights and legitimate interests of individuals and legal entities.
PC 5. Ability to protect the interests of the state and territorial communities defined by law.
PC 6. The ability within the limits of its authority to provide appropriate legal advisory assistance to subjects of law enforcement, including economic entities, state authorities and local self-government bodies; the ability to formulate legal conclusions.
PC 7. Possessing the necessary skills for working out the system of normative legal acts, the ability to rule-making and enforcement.
PC 8. Ability to carry out systematic monitoring of legislation and legal practice.
PC 9. Ability to make legal decisions using advanced scientific approaches and to carry out appropriate legal actions in the process of financial activity.
PC 10. Ability to correctly and fully reflect the results of professional activity in legal and other documentation.
PC 11. Ability to use legal search databases and modern information technologies, the basics of electronic document circulation.
PC 12. Acquisition of system knowledge on prevention of violations of legislation, ways of their prevention and enforcement of law and order.
PC 13. Ability to assess the legal status of a person and a citizen.
PC 14. The ability to determine the legality of the acceptance by the subjects
of state power and local self-government of normative legal acts of management.
PC 15. Ability to conduct professional activity on the basis of knowledge of the theory and practice of legal regulation of financial activity of the state and local self-government bodies.
PC 16. Ability to conduct discussion and make a constructive dialogue in the official language and languages of foreign communication in professional fields.
PC 17. Ability to solve methodological, organizational, technical and personnel issues that arise in the field of professional activity.
PC 18. Ability to apply standard forms, methods, procedures of control and supervision in the field of professional activity.

## 7 - Program learning outcomes (PLO)

PLO 1 To know the history of the state creation of the Ukrainian people;
PLO 2. To be able to predict the development of social relations.
PLO 3. To analyze the political processes, the mechanism for organizing and implementing the typology of political systems and their functions.
PLO 4. To be able to carry out a systematic analysis of legislation and to generalize law enforcement practices, including judicial practice, practices of public administration.
PLO 5. To be guided in the economic environment, to assess the state and level of macro- and microeconomics.
PLO 6. To know and understand the essence of law and social phenomena associated with it;
PLO 7. To understand and apply legal knowledge in law-making, law enforcement, control-supervisory and other professional activities.
PLO 8. To evaluate the legal status of a person and a citizen.
PLO 9. To be able to determine the legality of the acceptance by the subjects of state power and local self-government of normative legal acts of management.
PLO 10. Have the skills to systematically analyze sources of legal and financial information in order to formulate their own legal position and justify their own decisions using advanced scientific approaches.
PLO 11. To carry out professional activity on the basis of knowledge of the theory and practice of legal regulation of financial activity of the state and local self-government bodies.
PLO 12. To be able to apply the bases of legal support of activities of

|  | subjects of financial legal relations. <br> PLO 13. To have the knowledge and practical skills to choose effective ways to protect and restore violated rights of subjects of financial legal relations. <br> PLO 14. To be able to correctly interpret and apply the rules of substantive and procedural law; to select legislation and materials of practice necessary for its solution. <br> PLO 15. To be able to ensure compliance with the procedural deadlines. <br> PLO 16. To know and understand the process of execution of judicial and administrative decisions. <br> PLO 17. To know and understand the totality and sequence of execution of procedural actions, to determine the form of procedural time limits in solving legal cases. <br> PLO 18. To be able to apply systematic knowledge on prevention of violations and elimination of their negative consequences. <br> PLO 19. To be able to conduct a discussion and construct a constructive dialogue in the official language and languages of foreign communication in the professional field. <br> PLO 20. To be able to use legal search databases and modern information technologies, the bases of electronic document circulation. |
| :---: | :---: |
| 8 - Resource support for program implementation |  |
| Academic staff | The authors are staff members of Kyiv National University of Trade and Economics, practitioners and students. <br> Scientific and teaching staff with academic degrees and / or academic degrees, as well as highly skilled experts, is involved in the program realization. <br> In order to increase the professional level, all scientific and academic staff undergoes an internship once every five years. |
| Facilities | The usage of laboratories, computer and specialized rooms in KNUTE |
| Informational, teaching and learning materials | The existing MOODLE distance learning system and the MS Office 365 environment provide independent and individual work for students. |
|  | 9 - Academic mobility |


| National credit mobility | State Enterprise "Ukrainian Institute of Intellectual Property", Procom <br> Center for Certified Training, Pearson Editing Company, Parus <br> Corporation, BGS Solutions Group. |
| :--- | :--- |
| International credit mobility | University of Pari Es Cretey project (Paris, France) <br> The University of Central Lancashire (Preston, UK), Hohenheim <br> University (Stuttgart, Germany), Krakow University of Economics (m.), <br> University of Grenoble Alps (Grenoble, France), Business School <br> "Audense" (Nantes, France). Krakow, Poland), Poznan University of <br> Economics and Business (Poznan, Poland), University of Bremen <br> (Bremen, Germany). |
| Навчання іноземних | Provided |
| здобувачів вищоі освіти |  |

2. List of educational program components (PC) and their logical order

| N | Educational program components <br> (disciplines, term projects (papers), practical <br> training, qualification exam, graduate paper) | Total <br> credits | Final <br> assessment |
| :---: | :--- | :---: | :---: |
| 1 | Compulsory components of EP (CC) |  |  |
| CC 1 |  | Foreign language for specific purpose | 24 |
| CC 2 | Latin | 6 | Exam |
| CC 3 | History of state and law | 6 | Exam |
| CC 4 | Theory of state and law | 12 | Exam |
| CC 5 | Constitutional rights | 6 | Exam |
| CC 6 | Criminal Law | 12 | Exam |


| CC 7 | Civil law | 12 | Exam |
| :---: | :---: | :---: | :---: |
| CC 8 | Criminal procedural law | 12 | Exam |
| CC 9 | Civil procedural law | 12 | Exam |
| CC 10 | Administrative law and process | 6 | Exam |
| CC 10.1 | Administrative law and process test |  |  |
| CC 11 | International Public Law | 6 | Exam |
| CC 12 | Labor Law | 6 | Exam |
| CC 13 | International private law | 6 | Exam |
| CC 14 | Finance law | 12 | Exam |
| CC 14.1 | Financial law test |  |  |
| CC 15 | International protection of human rights | 6 | Exam |
| CC 16 | Commercial law | 6 | Exam |
| CC 17 | Economic procedural law | 6 | Exam |
| CC 18 | Advocacy and notary | 4.5 | Exam |
| Total credits for compulsory components: |  | 160.5 |  |
| Optional components (OC) of EP |  |  |  |
| OC 1.1 | Aesthetics | 6 | Exam |
| OC 1.2 | History of Ukraine | 6 | Exam |
| OC 1.3 | History of Ukrainian Culture | 6 | Exam |
| OC 1.4 | Cultural heritage of Ukraine | 6 | Exam |


| OC 1.5 | National interests in world geopolitics and geo- <br> economics | 6 | Exam |
| :---: | :--- | :---: | :---: |
| OC 1.6 | Public speaking | 6 | Exam |
| OC 1.7 | Office computer technology | 6 | Exam |
| OC 1.8 | Legal IT | 6 | Exam |
| OC 1.9 | Religious studies | 6 | Exam |
| OC 1.10 | World culture | 6 | Exam |
| OC 1.11 | Ukrainian language for specific purpose | 6 | Exam |
| OC 2.1 | Philosophy | 6 | Exam |
| OC 2.2 | Philosophy of Law | 6 | Exam |
| OC 3.1 | Diplomatic and business protocol and etiquette | Exam |  |
| OC 3.2 | Business ethics | 6 | Exam |
| OC3.3 | Logics | 6 | Exam |
| OC 3.4 | Politology | 6 | Exam |
| OC 3.5 | Psychology | 6 | Exam |
| OC 3.6 | Social Leadership | 6 | Exam |
| OC 3.7 | Sociology | Exam |  |
| OC 4.1 | Audit | Exam |  |
| OC 4.2 | Safety of life | 6 | Exam |


| OC 5.1 | State law of foreign countries | 6 | Exam |
| :---: | :--- | :---: | :---: |
| OC 5.2 | History of the doctrines of the state and law | 6 | Exam |
| OC 5.3 | Legal deontology | 6 | Exam |
| OC 6.1 | Economic theory | 6 | Exam |
| OC 6.2 | Fundamentals of Roman Civil Law | 6 | Exam |
| OC 6.3 | Judicial and law enforcement agencies of Ukraine | 6 | Exam |
| OC 6.4 | Legal mechanisms of human rights protection | 6 | Exam |
| OC 7.1 | Environmental law | 6 | Exam |
| OC 7.2 | Finance, money and credit | 6 | Exam |
| OC 8.1 | Business Economics | 6 | Exam |
| OC 8.2 | International Economic Relations | 6 | Exam |
| OC 8.3 | The tax system | 6 | Exam |
| OC 8.4 | Family law | 6 | Exam |
| OC 8.5 | Finances | 6 | Exam |
| OC 9.1 | Accounting | 6 | Exam |
| OC 9.2 | Intellectual Property | 6 | Exam |
| OC 9.3 | Information law | 6 | Exam |
| OC 9.4 | The right of international organizations | Exam |  |
| OC 10.1 | Agrarian law | 6 | Exam |


| OC 10.2 | Land law | 6 | Exam |
| :---: | :--- | :---: | :---: |
| OC 10.3 | Criminalistics | 6 | Exam |
| OC 10.4 | Insurance law | 6 | Exam |
| OC 11.1 | Banking Law | 4,5 | Exam |
| OC 11.2 | Housing law | 4,5 | Exam |
| OC 11.3 | Organization of business security | 4,5 | Exam |
| OC 11.4 | The right of the European Union | 4,5 | Exam |
| OC 11.5 | The right to social security | 4,5 | Exam |
| Total credits for optional components: |  | 64.5 |  |
| Practical training |  |  |  |
| Practical training 1 | 6 | Credit |  |
| Practical training 2 | 6 | Credit |  |
|  |  |  |  |
| Preparation to qualification exam and assessment | 3 |  |  |
| Total number of credits |  |  |  |

## 3. Form of assessment of higher education students

The assessment of graduates of the educational program "Financial Law" of the specialty 081 "Law", specialization "Financial Law" is carried out in the form of the defense of qualification work and concludes with the issuance of the established standard document on awarding Bachelor's degree with qualification "Bachelor" of the degree of higher education, specialty "Law", specialization "Financial Law".

The assessment is carried out openly and publicly.

## 4. Program Competences and EP Components Matrix

|  | - | C c 2 | C <br> c 3 | C <br> C <br> 4 | $\begin{aligned} & \hline \mathrm{C} \\ & \mathrm{C} \\ & 5 \end{aligned}$ | C | C <br> c 7 | C <br> c 8 | $\begin{aligned} & \hline \mathrm{C} \\ & \mathrm{c} \\ & 9 \end{aligned}$ | $\begin{aligned} & \hline \mathrm{C} \\ & \mathrm{c} \\ & 1 \\ & 0 \end{aligned}$ | $\begin{aligned} & \hline \mathrm{C} \\ & \mathrm{c} \\ & 1 \\ & 1 \end{aligned}$ | $\begin{aligned} & \hline \mathrm{C} \\ & \mathrm{c} \\ & 1 \\ & 2 \end{aligned}$ | $\begin{array}{\|c\|} \hline \mathrm{C} \\ \mathrm{c} \\ 1 \\ 3 \end{array}$ | $\begin{aligned} & \hline \mathrm{C} \\ & \mathrm{C} \\ & 1 \\ & 4 \end{aligned}$ | $\begin{array}{\|c\|} \hline \mathrm{C} \\ \mathrm{c} \\ 1 \\ 5 \end{array}$ | $\begin{aligned} & \hline \mathrm{C} \\ & \mathrm{c} \\ & 1 \\ & 6 \end{aligned}$ | $\begin{aligned} & \hline \mathrm{C} \\ & \mathrm{c} \\ & 1 \\ & 7 \end{aligned}$ | $C$ $C$ 1 8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GC 1 |  | * |  | * | * | * | * | * | * | * | * |  | * | * |  | * | * |  |
| GC2 |  |  | * | * | * | * | * | * | * | * |  | * |  |  | * | * | * | * |
| GC3 | * | * | * | * | * |  |  |  |  |  |  |  |  |  |  | * | * | * |
| GC4 | * | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GC5 |  |  | * |  |  |  |  |  |  |  |  |  | * | * |  |  |  |  |
| GC6 |  |  |  |  |  |  |  |  |  |  | * |  |  | * |  |  |  |  |
| GC7 | * | * |  |  |  |  |  |  |  |  | * |  | * |  |  |  |  |  |
| GC8 |  |  |  |  | * |  |  |  |  |  | * |  |  | * |  |  |  |  |
| GC9 |  |  |  |  |  |  | * | * | * | * |  |  |  |  |  | * | * | * |
| GC10 |  |  |  | * | * | * | * | * | * | * |  |  | * |  |  |  |  | * |
| GC11 |  |  |  |  |  |  |  |  |  |  |  | * |  | * | $*$ | * | * |  |
| GC12 |  | * | * | * | * |  |  |  |  |  |  |  | * |  |  |  |  |  |
| PC1 |  |  |  | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PC2 |  | * | * |  | * | * | * | * | * | * | * | * | $*$ | * | * | * | * | * |
| PC3 |  | * | * | * |  |  | * | * | * | * | * |  |  |  |  |  |  | * |
| PC4 |  | * |  | * |  | * |  |  |  |  | * |  |  |  |  |  |  |  |
| PC5 |  |  | * | * |  |  | * | * | * | * | * |  |  |  |  | * | * | * |
| PC6 |  | * |  |  |  |  | * | * | * | * | * | * | * |  | * |  |  | * |
| PC7 |  | * | * | * | * | * | * | * | * | * | * | * | $*$ | * | * | * | * | * |



|  | $\stackrel{\square}{4}$ |  | $\stackrel{n}{\hat{\beta}}$ | $\stackrel{ \pm}{\overbrace{n}^{n}}$ | $\stackrel{10}{8}$ | $\stackrel{e}{c}$ | $\begin{aligned} & \stackrel{\Sigma}{7} \\ & \approx \end{aligned}$ | $\stackrel{\infty}{\hat{6}}$ | $\frac{9}{\hat{6}}$ | $\begin{aligned} & \theta \\ & \hat{\theta} \end{aligned}$ | $\begin{aligned} & \overline{\boldsymbol{n}} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \vec{i} \\ & \hat{\sim} \\ & \text { in } \end{aligned}$ |  | $\overrightarrow{0}$ | $\begin{aligned} & \underset{\sim}{\tilde{n}} \\ & \tilde{\sim} \end{aligned}$ | $\underset{\sim}{n}$ | $\stackrel{+}{\hat{\omega}}$ | $\begin{gathered} \text { No } \\ \underset{\sim}{n} \end{gathered}$ | $\begin{gathered} \stackrel{e}{N} \\ \underset{\sim}{\hat{n}} \end{gathered}$ | $\stackrel{N}{\hat{m}}$ | $\stackrel{\overrightarrow{+}}{\overrightarrow{6}}$ | $\begin{gathered} \text { N } \\ \stackrel{\sim}{6} \end{gathered}$ | $\begin{gathered} \vec{n} \\ \stackrel{\hat{n}}{\hat{6}} \end{gathered}$ |  | $\begin{gathered} \underset{\sim}{n} \\ \stackrel{\hat{\sim}}{2} \end{gathered}$ | 荷 | N |  | $\begin{gathered} \stackrel{7}{6} \\ \text { 会 } \end{gathered}$ | $\stackrel{7}{\stackrel{\rightharpoonup}{*}}$ | $\begin{aligned} & \text { N} \\ & \text { ث人⿻⿱一⿱日一丨一刂!} \end{aligned}$ | $\stackrel{\rightharpoonup}{\dot{0}}$ |  | $\begin{gathered} \tilde{0} \\ \substack{\hat{6}} \end{gathered}$ | $\begin{gathered} \pm \\ \infty \\ \dot{\omega} \\ \dot{\omega} \end{gathered}$ | $\begin{aligned} & i n \\ & \infty \\ & \dot{6} \\ & \dot{\sim} \end{aligned}$ | $\begin{aligned} & \vec{a} \\ & \hat{\hat{a}} \end{aligned}$ | $\stackrel{c}{c}$ | $\begin{aligned} & \underset{\sim}{2} \\ & \hat{\omega} \end{aligned}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{0} \\ & \dot{\theta} \end{aligned}$ | $\begin{aligned} & \overrightarrow{0} \\ & \text { 体 } \end{aligned}$ |  | $\frac{m}{e}$ | $\stackrel{+}{\hat{\theta}}$ | $\stackrel{\text { ? }}{\overrightarrow{\hat{n}}}$ | $\stackrel{\substack{n \\ \underset{\sim}{2}}}{1}$ | $\begin{aligned} & \underset{\sim}{n} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \stackrel{ \pm}{=} \\ & \underset{\sim}{*} \end{aligned}$ | $\stackrel{10}{\square}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GC 1 | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ |  |  |  | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ |  |  |  | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ |  |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
|  |  | ＊ | ＊ |  |  | ＊ | ＊ |  |  | ＊ | ＊ | ＊ |  |  |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ | ＊ |  |  |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ | ＊ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GC3 | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  |  |  |  |  | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  |  |  |  |  | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  |  |  |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
| GC4 | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  |  |  |  |  |  |
| GC5 |  | ＊ | ＊ |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  | ＊ | ＊ |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  | ＊ | ＊ |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
| GC6 | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  |  |  |  |  |  |
| GC7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
| GC8 | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  |  |  |  |  |  |
| GC9 |  | ＊ | ＊ |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  | ＊ | ＊ |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  | ＊ | ＊ |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
| GC10 | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  |  |  |  |  |  |
| GC11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
| GC12 | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  |  |  |  |  |  |
| PC1 | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | \％ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  |  |  |  |  |  |
| PC2 |  | * | $*$ |  |  | ＊ | ＊ |  |  |  |  |  |  |  |  |  |  | ＊ | ＊ |  |  |  | ＊ |  |  |  |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  |  | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
| PC3 | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  |  |  |  |  |  |
| PC4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
| PC5 | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ |  |  |  | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ |  |  |  | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ |  |  |  | ＊ |  |  |  |  |  |  |  |  |  |
| PC6 |  | ＊ | ＊ |  |  | ＊ | ＊ |  |  | ＊ | ＊ | ＊ |  |  |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ | ＊ |  |  |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ | ＊ |  |  |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
| PC7 | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  |  |  |  |  | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  |  |  |  |  | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  |  |  |  |  | ＊ |  |  |  |  |  |  |  |  |  |
| PC8 |  |  |  | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  |  |  |  | ＊ |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
| PC9 |  |  |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  | ＊ | ＊ |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  | ＊ | ＊ |  |  |  | ＊ | ＊ |  |  | ＊ | ＊ |  | ＊ | ＊ |  |  |  |  |  |  |  |  |  |  |  |
| PC10 |  |  |  | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ＊ | ＊ | ＊ |  |  | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |



## 5. Program learning outcomes and EP components Matrix

|  | U | O | O | $\underset{U}{U}$ | U | OU | H | OOO | O | O | تِ | N | O | $\underset{U}{ \pm}$ | Un | ט | U | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PLO 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PLO2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PLO3 |  | * |  | * |  | * |  | * |  |  | * | * |  |  | * |  |  |  |
| PLO4 | * | * | * | * | * | * | * | * | * | * | * |  | * |  |  | * | * | * |
| PLO5 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| PLO6 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| PLO7 | * | * | * | * | * | * | * | * | * | * | * | * |  |  |  |  |  |  |
| PLO8 |  | * |  | * |  | * |  | * |  |  | * |  |  |  |  |  |  |  |
| PLO9 |  | * |  | * |  | * |  | * |  |  | * |  |  | * |  | * |  | * |
| PLO10 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| PLO11 | * |  | * |  | * |  | * |  |  | * | * |  | * | * | * | * | * | * |
| PLO12 | * |  | * |  | * |  | * |  |  | * | * |  | * | * | * | * | * | * |
| PLO13 | * |  | * |  | * |  | * |  |  | * | * |  | * | * | * | * | * | * |
| PLO14 | * | * | * | * | * | * | * | * | * | * | * |  |  | * |  | * |  | * |
| PLO15 | * | * | * | * | * | * | * | * | * | * | * |  |  | * |  | * |  | * |
| PLO16 | * | * | * | * | * | * | * | * | * | * | * |  | * | * | * | * | * | * |
| PLO17 | * | * | * | * | * | * | * | * | * | * | * |  |  |  |  |  |  |  |
| PLO18 | * |  | * |  | * |  | * |  |  | * | * |  | * |  | * |  | * |  |
| PLO19 | * |  | * |  | * |  | * |  |  | * | * |  | * |  | * |  | * |  |
| PLO20 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |



