

PROGRAMME OF STUDIES - Maritime Business and Management (MBM), master degree studies

I. GENERAL CHARACTERISTICS OF THE CONDUCTED STUDIES

1.1. Basic information

Name of the course:	Maritime Business and Management
Level of education:	master degree studies
Profile of education:	all-academic
Form of study:	full-time
Duration of studies:	2 years (4 terms)
Number of ECTS credits necessary to complete the studies:	120
Professional title awarded to graduates:	master's degree

1.2. Assignment of the field of study to academic disciplines

The name of the leading discipline in which more than half of the learning outcomes are achieved, together with the percentage of the number of ECTS credits for the leading discipline in the total number of ECTS credits required for completion of the degree programme in the field of study

Name of the leading discipline	ECTS credits	
	number	%
Management and quality sciences	72	60

Names of other disciplines with the percentage share of the number of ECTS credits for other disciplines in the total number of ECTS credits required for graduation from the degree programme

Name of the discipline	ECTS credits	
	number	%
Economics and finance	37	31
Linguistics	4	3
Civil engineering and transport	4	3
Legal sciences	3	3

1.3. Learning objectives

The aim of education in master degree studies in Management is to equip graduates with knowledge, skills and social competences enabling them to actively and consciously function in a knowledge-based economy. They are able to identify, model and analyse the causes and course of socio-economic phenomena and relations between them, using advanced methods and tools. The expanded knowledge in the field of management and quality sciences, with which the graduate is equipped, allows him/her

to move freely in the socio-economic space and make rational decisions. The graduate is aware of the importance of innovation and technical progress for ensuring sustainable development of the global economy, countries, regions and local communities and is prepared to create and implement innovative solutions. He/she understands the need to continuously expand their knowledge and skills and to flexibly adapt to changes in the economic environment and contemporary global challenges. His/her knowledge of English on at least an intermediate level and his/her ability to select and use information technologies to fulfil the tasks set for him/her, increase his/her competitiveness on the labour market.

The program within the Maritime Business and Management specialization includes general management and economic science subjects such as Strategic Management, Innovation Management and Modern Marketing as well as selected humanities subjects to gain skills useful in the work of a future manager. Other courses provide specialized knowledge in Maritime Business, e.g. Maritime Economics, Maritime Business Projects and Maritime Business Financing, as well as in the area of selected problems of maritime economy, such as Maritime Spatial Planning and Development, Marine Resources Management and Renewable Energy Sources.

The graduate receives a competitive education that prepares them for future senior management positions in TSL companies, the offshore industry or the shipbuilding industry. After completing this specialization, there are also good prospects for developing your own business in the indicated specialties.

Our studies allow students to become managers and other leaders in the maritime industry. The graduate master candidates are attractive to companies in the field of ship owners, commercial management, financial institutions, insurance, shipbrokers, transportation and logistics, maritime equipment suppliers, shipbuilding and repair, engineering and contractors, in marine and offshore industries.

Upon completion of the studies, the graduate:

- obtains a second degree qualification (level 7 of the Polish Qualifications Framework),
- is awarded a Master's degree,
- is prepared to undertake third degree studies.

1.4. Relationship to the mission of the university and its development strategy

The Maritime University of Gdynia is a university whose mission since its inception has been to conduct research and educate highly qualified personnel for the needs of the maritime economy. The university's development over the years has made it possible to create an original research centre and expert base actively influencing the socio-economic environment, conducting scientific research and educating at the highest level and supporting the creation of an innovation-based economy, especially in the broad maritime area, prepared for the challenges of digital and green transformation.

The development strategy of the Maritime University of Gdynia for 2024-2028, among the key strategic objectives for education, indicates:

1. Expanding the educational offer both in Polish and English with the use of modern educational forms, methods and tools, corresponding to the needs and requirements of the dynamically changing world and labour market as well as processes related to energy transition and sustainable development.
2. Enhancing further the quality and effectiveness of the education process.

3. Linking didactics with scientific research, inventive and expert activities carried out by academic staff.
4. Increasing interest in the didactic offer of the Gdynia Maritime University among foreign candidates at all stages of education, including the Doctoral School.

The master degree programme in Maritime Business and Management is consistent with the university's mission and the development strategies of the university and the faculty, as:

- Maritime Business and Management graduates, being comprehensively educated specialists in management science and quality, able to function and develop various branches of the economy, they will also feed into the staff of the maritime economy.
- The offer of second degree studies in Maritime Business and Management allows students to choose from specialisations that prepare them to work in industries of particular importance to the region, such as logistics, IT or tourism.
- Maritime Business and Management studies develop entrepreneurial attitudes and respect for the principles of sustainable development.
- During the studies, particular emphasis is placed on the development of social attitudes coinciding with the mission of the university.
- Graduates are able to correctly resolve ethical and moral dilemmas related to their professional work and can act in an entrepreneurial and ethical manner.
- The study programme is subject to continuous improvement, which results in an increase in its quality, through:
 - updating the content of the curricula of individual course modules, adapting them to the latest scientific results and developments,
 - offering new courses and specialisations, adapting them to the needs of the national and international labour market, in cooperation with the Faculty's Partners Council,
 - developing cooperation with national and international organisations and employers in order to provide students with more opportunities for internships and work placements,
 - creating opportunities for the Faculty students to obtain certificates confirming their professional competences,
 - internationalising the educational process, by:
 - employing foreign professors conducting monographic lectures in English,
 - exchange of students within the ERASMUS+ programme,
 - mobility of faculty members to teach in foreign universities within the ERASMUS+ programme and other programmes,
 - monitoring the fate of the Faculty's graduates, in cooperation with the Student Careers Office, and making use of their experiences.

1.5. Recruitment principles and entry requirements

Recruitment principles are determined annually by the Senate of the Gdynia Maritime University, which adopts a relevant resolution. Candidates for second degree studies in Maritime Business and

Management should have an education entitling them to undertake second degree studies (bachelor degree).

II. LEARNING OUTCOMES

The field of study Maritime Business and Management has been assigned to the leading discipline of **Management and Quality Sciences** (in Polish: Nauki o Zarządzaniu i Jakości, NoZiJ), as well as the related discipline of **Economics and Finance** (in Polish: Ekonomia i Finanse, EiF).

The learning outcomes assigned to the program consider the universal first-degree characteristics and second-degree characteristics for qualifications at level 6 of the Polish Qualifications Framework (PRK). These are typical for qualifications obtained within the higher education and science system and are defined in terms of knowledge, skills, and social competencies, with references to the PRK and assigned scientific disciplines.

2.1. Explanation of symbols

Preceding the underlined text:

NK – program learning outcomes

Following the underlined text:

W – knowledge category

U – skills category

K – social competence category

01, 02, 03 and subsequent – learning outcome number

2.2. Explanation of abbreviations according to PRK

P7S – level 6 of the Polish Qualifications Framework

Component description code	Category of learning outcome characteristics	Descriptive category – key aspects
P7S_WG	Knowledge: knows and understands	Scope and depth – completeness of cognitive perspective and interrelations
P7S_WK		Context – conditions, consequences
P7S_UW	Skills: is able to	Application of knowledge – solved problems and performed tasks
P7S_UK		Communication – receiving and producing statements, disseminating knowledge in the academic environment, and using a foreign language
P7S_UO		Work organization – planning and teamwork
P7S_UU		Learning – planning one's own development and the development of others
P7S_KK	Social competencies: is ready to	Assessment – critical approach
P7S_KO		Responsibility – fulfilling social obligations and acting in the public interest

P7S_KR		Professional role – independence and ethos development
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2.3. Learning outcomes for the second-cycle studies for the course MARITIME BUSINESS AND MANAGEMENT

Effect symbol	Upon completion of the second-cycle studies for the course MARITIME BUSINESS AND MANAGEMENT , the graduate:	Reference to PRK (level 7)	Dyscipline
KNOWLEDGE			
NK_W01	has in-depth, organized, and theoretically grounded knowledge of organizational structures, institutions, and applications of modern technologies in the maritime sector	P7S_WG	NoZiJ, EiF
NK_W02	has advanced knowledge about the functioning of organizations, institutions of the maritime sector, and socioeconomic processes occurring in their environment	P7S_WG	NoZiJ, EiF
NK_W03	has advanced knowledge of the function, role, and behaviors of people in an organization regarding selected areas of their activities in the maritime sector	P7S_WG P7S_WK	NoZiJ, EiF
NK_W04	knows and understands advanced research methodologies, data description tools, and modeling techniques used in management and quality sciences	P7S_WG	NoZiJ, EiF
NK_W05	knows and understands the fundamental challenges of the modern economy, including the idea of sustainable development, transformation processes within entities, institutions, and organizational structures, and predicts their consequences	P7S_WK	NoZiJ, EiF
NK_W06	knows the economic and technological conditions of entities' operations in the maritime sector	P7S_WK	NoZiJ, EiF
NK_W07	knows, understands, and knows how to apply the principles of industrial property protection and copyright law	P7S_WK	NoZiJ
NK_W08	knows the main developmental trends in the field of management and quality sciences, as well as other disciplines related to the study program	P7S_WG	NoZiJ, EiF
INDIVIDUAL SKILLS			
NK_U01	is able to apply knowledge in the field of management and quality sciences, as well as other disciplines related to the study program, to analyze and interpret the causes and course of economic and social phenomena through the proper selection of sources and information derived from them	P7S_UW	NoZiJ, EiF

NK_U02	is able to appropriately select sources of information, forecast, and model economic phenomena and social processes using advanced tools from the field of management and quality sciences and other related disciplines, and perform analysis, synthesis, evaluation, and interpretation of research results	P7S_UW	NoZiJ, EiF
NK_U03	is able to select and apply appropriate methods and tools specific to management and quality sciences, including advanced information and communication technologies (ICT), to solve complex and atypical problems	P7S_UW	NoZiJ, EiF
NK_U04	is able to effectively use legal regulations and other standards and norms to solve problems in the maritime industry	P7S_UW	NoZiJ, EiF
NK_U05	is able to communicate on specialized topics related to the maritime sector and conduct debates at a level higher than B2+ of the Common European Framework of Reference for Languages, with diverse audiences	P7S_UK	NoZiJ, EiF
NK_U06	is able to work in an organized manner, lead a team, including in unpredictable conditions, and correctly prioritize tasks set by oneself or others	P7S_UO P7S_UW	NoZiJ, EiF
NK_U07	is able to independently plan lifelong learning and inspire and guide others in this regard	P7S_UU	NoZiJ
NK_U08	is able to formulate and test hypotheses related to research problems within the discipline of management and quality sciences and other related disciplines	P7S_UW	NoZiJ, EiF
SOCIAL SKILLS			
NK_K01	is capable of critically evaluating their knowledge and skills, recognizing the importance of knowledge in solving cognitive and practical problems. In the event of difficulties in resolving them independently, seeks the advice of experts in the relevant field.	P7S_KK	NoZiJ, EiF
NK_K02	is able to fulfill social obligations and act in the public interest, while inspiring and organizing actions for the benefit of society, and demonstrating entrepreneurial thinking and behavior.	P7S_KO	NoZiJ, EiF
NK_K03	can responsibly perform professional roles in response to changing social needs, uphold the professional ethos, and appropriately identify and resolve dilemmas related to its execution.	P7S_KR	NoZiJ, EiF
NK_K04	conducts themselves with ethical integrity, articulates their views clearly, and demonstrates respect for the opinions of others	P7S_KR	NoZiJ, EiF
NK_K05	collaborates effectively within a team, demonstrates readiness to assume leadership, and takes responsibility for the team's outcomes.	P7S_KO	NoZiJ, EiF

III. COURSES

3.1. Topical blocs

The study program includes 10 topical blocks, within which 43 courses are taught. The courses offered during studies include both compulsory and optional (elective) courses. The group of elective courses consists mainly of humanities and social sciences, developing social competences.

The table below contain a list of courses along with the semesters in which they are taught, the number of hours in the study plan, the number of ECTS credits and the status (compulsory subject – O or optional – W).

Topical blocks		Courses	Hours	ECTS	Term	Status
1. Management issues I	1	Strategic Management	45	4	I	O
	2	Innovation Management	45	4	I	O
	3	Process Management	45	4	I	O
	4	Modern Marketing	45	4	I	O
2. Economics and digital economy	5	Digital Economy	30	3	I	O
	6	International Economics	30	2	I	O
	7	E-business Strategies	30	3	I	O
	8	Research Methods I	15	1	I	O
	9	Professional Language I	30	2	I	W
	10	Humanities I	30	3	I	W
3. Management issues II	11	Business Processes Modeling	45	4	II	O
	12	Human Capital Management	45	4	II	O
4. Quantitative methods	13	Management Accounting (Managerial)	30	2	II	O
	14	Mathematical Statistics	60	5	II	O
	15	Research Methods II	15	1	II	O
	16	Seminar I	30	2	II	W
	17	Professional Language II	30	2	II	W
	18	International Trade	45	4	II	O
5. Trade and law issues	19	International Maritime Law	30	2	II	O
	20	Humanities II	30	4	II	W
	21	Environmental, Social & Governance (ESG) Reporting	15	1	III	O
	22	Quality Management Systems	45	4	III	O
7. Doing maritime business I	23	Maritime Economics	30	2	III	O
	24	Maritime Business Projects	45	4	III	O
	25	Maritime Business Financing	15	1	III	O
	26	Consumer of Maritime Products & Services	30	3	III	O

	27	Expertise & Quality Control in Maritime Business	45	4	III	O
	28	Risk Management and Insurance in Maritime Business	15	1	III	O
	29	Maritime Spatial Planning & Development	15	1	III	O
8. Environmental issues and maritime spatial planning	30	Marine Environment Protection	15	1	III	O
	31	Marine Resources Management	15	1	III	O
9. Doing maritime business II	32	Industry 4.0	15	1	IV	O
	33	Smart Ports	15	1	IV	O
	34	Commodity Science of Marine Origin	30	2	IV	O
	35	Packaging Trends in Maritime Logistics	15	1	IV	O
	36	Offshore Business	15	1	IV	O
	37	Ship Management	15	1	IV	O
	38	Electives I	45	4	III	W
	39	Seminar II	30	3	III	W
10. Final term	40	Electives II	45	4	IV	W
	41	Lecture	15	1	IV	W
	42	Seminar III	30	3	IV	W
	43	Diploma Dissertation	0	15	IV	W
		TOTAL	1260	120		

Summary of ECTS in groups of compulsory and optional courses

COURSES	ECTS
COMPULSORY	77 (64%)
OPTIONAL	43 (36%)
TOTAL	120 (100%)

The study program assumes that the student, while completing individual courses, in addition to the hours of classes completed in accordance with the study plan, also completes a certain number of hours participating in consultations with the teacher.

Taking into account the fact that MBM have a general academic profile, groups of courses include classes related to scientific activities conducted at the university in the disciplines to which the field of study is assigned. Additionally, the study program also includes students' participation in classes preparing for conducting scientific activities, as well as participation in this activity, in particular during seminar classes and additionally, as part of activities in scientific circles.

Detailed descriptions of the learning outcomes assigned to each module and the program content, forms and methods of education ensuring the achievement of these effects and other important elements related to the implementation of modules/subjects can be found in the cards of individual courses.

3.2. Schedule

The study schedule is an annex to this program.

3.3. Coverage of the directional learning outcomes by the outcomes assigned to the courses.

The matrices of covering the directional learning outcomes by the outcomes assigned to individual courses constitute an annex to this programme.

3.4. Method of verifying the assumed learning outcomes achieved by the student

The validation and verification system of the assumed learning outcomes adopted at the Faculty of Management and Quality Sciences ensures standardization of requirements, transparency and objectivity of assessment formulation.

The validation and verification system covers all categories of learning outcomes (in the scope of knowledge, skills and social competences) defined for MBM, both for the first and second cycle of studies.

The learning outcomes defined for the course have been subject to the principle of gradation according to the taxonomy defining basic, sufficient and exceeding requirements. Basic requirements are understood as the minimum of knowledge, skills and social competences. Sufficient requirements are understood as the application of knowledge, demonstration of skills and attitude in typical situations. Exceeding requirements are understood as the application of knowledge, demonstration of skills and attitude in problem situations and variable conditions.

In the area of **knowledge**, the following criteria were adopted for assessing the degree to which students achieved the assumed learning outcomes:

- meeting basic requirements understood as memorizing and understanding basic terms, facts, laws and theories, and summarizing and using them for simple reasoning results in achieving learning outcomes to a sufficient degree,
- meeting sufficient requirements understood as applying and using knowledge in tasks containing typical situations that do not differ from the pattern given during classes results in achieving learning outcomes to a good degree,
- meeting exceeding requirements understood as independent analysis and synthesis of data in order to formulate a problem, and criticism and evaluation of original solutions results in achieving learning outcomes to a very good degree.

In the area of **skills**, the following criteria were adopted for assessing the degree to which students achieved the assumed learning outcomes:

- meeting basic requirements understood as reproducing and imitating an action consisting in the step-by-step performance of the assumed activities, independent comparison of their course with the provided model, which results in achieving learning outcomes to a sufficient degree,
- meeting sufficient requirements understood as accurate and effective performance of the assumed activities, without errors and within a specified time in situations in which they were practiced, results in achieving learning outcomes to a good degree,

- meeting exceeding requirements understood as independent, creative performance of activities, adapting them to changing conditions and overcoming difficulties with an effective expenditure of energy, results in achieving learning outcomes to a very good degree.

In the area of **social competences**, the following criteria were adopted for assessing the degree to which students achieved the assumed learning outcomes:

- meeting basic requirements understood as performing specific activities within the assigned role but without showing initiative and willingly engaging in activities under the influence of external stimuli, showing trust in sources of knowledge taking into account one's own experience and its usefulness for social life results in achieving learning outcomes to a sufficient degree,
- meeting sufficient requirements understood as consistently performing given activities as a result of an internal, lasting need, taking initiative and using knowledge to meet one's own and other people's needs results in achieving learning outcomes to a good degree,
- meeting exceeding requirements understood as the coherence of undertaken activities with personality traits characterized by reliability and specificity of style of action and the adequacy of these activities to one's own beliefs and values results in achieving learning outcomes to a very good degree.

Both formative and summative assessments are used during the education process. The assumed learning outcomes in the area of knowledge, skills and social competences are evaluated using the following tools:

I. For formative assessments

1. qualification tests used to determine the level of knowledge and skills of a student starting the education process,
2. diagnostic tests used to detect student deficiencies before the end of the semester or academic year,
3. project work,
4. presentations,
5. colloquia,
6. observation of behavior.

II. For summative assessments

1. multi-level assessment tests (of achievements), applied based on a hierarchy of requirements creating separate groups of tasks, measuring achievements defined for subsequent levels of the taxonomy,
2. oral examinations,
3. written examinations,
4. project work,
5. portfolio understood as a collection of works collected by students over a semester or a whole year, from which they choose the best for the final assessment.

The system of verifying learning outcomes assumes that the competence of the person responsible for the subject lies in setting the pass threshold and its percentage of the final grade.

3.5. Professional Internship

The programme of study for the second degree in Management does not provide for a Professional Internship.

3.6. Diploma Dissertation

Master's degree studies in Management conclude with the preparation of a master's dissertation and a master's diploma examination. Preparation for the writing of the Master's dissertation and the Master's diploma examination takes place in Master's seminars conducted in three semesters. The number of ECTS credits for the seminars is 8, while for the preparation of the master's dissertation and the preparation for the master's examination the student receives 15 ECTS (23 ECTS in total). The master's dissertation is in written form. The diploma examination process is conducted in accordance with the provisions set out in the Rules and Regulations for Studies at the Maritime University of Gdynia and the detailed procedures set out in the Rules and Regulations for Diplomas, reviewed by the Faculty Curriculum Committee and the Didactic Board and approved by the Academic Board of the Faculty of Management and Quality Science.

3.7. Distance learning

Classes in individual subjects included in the study programme may be conducted using distance learning methods and techniques based on the existing IT infrastructure and software at the University, which enables synchronous and asynchronous interaction between students and academic teachers and other persons conducting classes. Classes in this form are held in accordance with the regulations in force at the University and the Faculty.

3.8. Summary quantitative indicators characterising the study programme

Indicator	ECTS credits	
	number	%
Total number of ECTS credits a student must obtain through direct teaching of academic staff or other persons conducting classes	64	53
The total number of ECTS credits which a student must obtain for coursework related to the academic activity conducted in the university in the discipline or disciplines to which the field of study is assigned	66	55
Total number of ECTS credits a student must obtain for elective courses	37	31
The total number of ECTS credits which the student must obtain from courses in the humanities or social sciences	> 5 ^{*)}	

^{*)} - the course is assigned to the leading discipline of management and quality sciences in the social sciences

IV. CONDITIONS FOR THE IMPLEMENTATION OF THE STUDY PROGRAMME

The Faculty possesses adequate infrastructure ensuring proper realization of educational goals, such as: multimedia lecture and exercise rooms, computer laboratories, and specialist laboratories. It provides access to a library with a rich collection of Polish and foreign language literature useful to students, as well as offering students and staff access to many electronic data repositories supervised by such publishers as Elsevier, Springer, Taylor & Francis, and others.

The research, teaching and research staff conducting classes at the Management faculty carry out research in the scientific disciplines to which the major is assigned, as well as having extensive teaching experience.

Personnel staffing of studies at FMQS with allocation to academic disciplines

No	Title/degree	Name	Surname	Discipline1	Discipline2
1.	prof. dr hab.	Chaberek	Mirosław	Management and Quality Sciences	-
2.	prof. dr hab.	Grzelakowski	Andrzej	Management and Quality Sciences	Economics and Finance
3.	prof. dr hab.	Marciszewska	Barbara	Management and Quality Sciences	Economics and Finance
4.	prof. dr hab. inż.	Przybyłowski	Piotr	Management and Quality Sciences	Food and Nutrition Technology
5.	prof. dr hab.	Śmiechowska	Maria	Food and Nutrition Technology	Management and Quality Sciences
6.	dr hab.	Barbucha	Dariusz	Technical Informatics and Telecommunications	Management and Quality Sciences
7.	dr hab.	Bogalecka	Magdalena	Management and Quality Sciences	Civil Engineering, Geodesy and Transport
8.	dr hab. inż.	Brzeska	Joanna	Management and Quality Sciences	Materials Engineering
9.	dr hab.	Czechowski	Piotr	Environmental Engineering, Mining and Energy	Management and Quality Sciences
10.	dr hab. inż.	Dmowski	Przemysław	Management and Quality Sciences	Food and Nutrition Technology
11.	dr hab. inż.	Jastrzębska	Mariola	Management and Quality Sciences	Materials Engineering
12.	dr hab.	Kizielewicz	Joanna	Management and Quality Sciences	Economics and Finance
13.	dr hab.	Matczak	Maciej	Management and Quality Sciences	Economics and Finance
14.	dr hab. inż.	Ocieczek	Aneta	Food and Nutrition Technology	Management and Quality Sciences
15.	dr hab.	Popek	Marzenna	Management and Quality Sciences	Civil Engineering, Geodesy and Transport
16.	dr hab.	Ratajczak-Ropel	Ewa	Technical Informatics and Telecommunications	Management and Quality Sciences
17.	dr hab. inż.	Ruszkowska	Millena	Food and Nutrition Technology	-
18.	dr hab. inż.	Rybowska	Agnieszka	Management and Quality Sciences	Food and Nutrition Technology
19.	dr hab. inż.	Wilczyńska	Aleksandra	Food and Nutrition Technology	Management and Quality Sciences
20.	dr hab.	Wolska	Grażyna	Economics and Finance	-
21.	dr inż.	Biegańska	Justyna	-	-
22.	dr inż.	Borkowska	Beata	Food and Nutrition Technology	Management and Quality Sciences
23.	dr	Bulczak	Grzegorz	Management and Quality Sciences	-
24.	dr	Charłampowicz	Jędrzej	Management and Quality Sciences	Economics and Finance
25.	dr	Czarnecka	Agnieszka	Management and Quality Sciences	Social Communication and Media Sciences
24.	dr inż.	Dereszewska	Alina	Management and Quality Sciences	Environmental Engineering, Mining and Energy
25.	dr inż.	Grobela	Aleksandra	Management and Quality Sciences	-

26.	dr	Gwarda	Karolina	Management and Quality Sciences	Economics and Finance
27.	dr	Hajduk	Agnieszka	Management and Quality Sciences	Economics and Finance
28.	dr inż.	Heimowska	Aleksandra	Management and Quality Sciences	Materials Engineering
29.	dr	Igielski	Michał	Management and Quality Sciences	-
30.	dr	Klopott	Magdalena	Management and Quality Sciences	Economics and Finance
31.	dr inż.	Korzeniowska-Ginter	Renata	Food and Nutrition Technology	-
32.	dr inż.	Kozirok	Witold	Food and Nutrition Technology	-
33.	dr inż.	Krasowska	Katarzyna	Management and Quality Sciences	Materials Engineering
34.	dr inż.	Kukulowicz	Anita	Food and Nutrition Technology	Management and Quality Sciences
35.	dr	Mackiewicz	Hanna	Management and Quality Sciences	Economics and Finance
36.	dr	Marek	Robert	Management and Quality Sciences	Economics and Finance
37.	dr	Meyer	Maciej	Management and Quality Sciences	Economics and Finance
38.	dr	Miklińska	Joanna	Management and Quality Sciences	Economics and Finance
39.	dr	Mironiuk	Katarzyna	Management and Quality Sciences	Health sciences
40.	dr inż.	Morawska	Magda	Management and Quality Sciences	Materials Engineering
41.	dr inż.	Newerli-Guz	Joanna	Food and Nutrition Technology	Management and Quality Sciences
42.	dr inż.	Palka	Agnieszka	Food and Nutrition Technology	-
43.	dr inż.	Pigłowski	Marcin	Management and Quality Sciences	Food and Nutrition Technology
44.	dr inż.	Platta	Anna	Food and Nutrition Technology	Management and Quality Sciences
45.	dr inż.	Pukszta	Tomasz	Food and Nutrition Technology	-
46.	dr	Sarnowski	Krzysztof	Management and Quality Sciences	-
47.	dr	Skiba	Sławomir	Management and Quality Sciences	Economics and Finance
48.	dr	Skrodzka	Violetta	Economics and Finance	Management and Quality Sciences
49.	dr	Skrzeszewska	Katarzyna	Management and Quality Sciences	Economics and Finance
50.	dr	Spodarczyk	Edyta	Management and Quality Sciences	Economics and Finance
51.	dr inż.	Stankiewicz	Jadwiga	-	-
52.	dr inż.	Stasiuk	Ewa	Food and Nutrition Technology	-
53.	dr	Studzeniecki	Tomasz	Management and Quality Sciences	-
54.	dr inż.	Sulej-Suchomska	Anna	Management and Quality Sciences	Chemical sciences
55.	dr	Surawski	Bartosz	Management and Quality Sciences	Economics and Finance
56.	dr	Szelągowska-Rudzka	Katarzyna	Management and Quality Sciences	-

57.	dr inż.	Szkiel	Agata	Management and Quality Sciences	-
58.	dr	Szyda	Monika	Management and Quality Sciences	Economics and Finance
59.	dr inż.	Śniegocka-Dworak	Magda	Management and Quality Sciences	-
60.	dr	Urbanyi-Popiolek	Ilona	Management and Quality Sciences	Economics and Finance
61.	dr	Wanagos	Marzena	Management and Quality Sciences	Social and Economic Geography and Spatial Management
62.	dr inż.	Waśniewska	Anetta	Management and Quality Sciences	Economics and Finance
63.	dr inż.	Wierzowiecka	Joanna	Management and Quality Sciences	-
64.	dr inż.	Winnicki	Tomasz	Management and Quality Sciences	-
65.	dr	Wyszkowska-Wróbel	Ewa	Management and Quality Sciences	Economics and Finance
66.	dr inż.	Żak	Natalia	Food and Nutrition Technology	-
67.	mgr inż.	Flis	Anna	Food and Nutrition Technology	Management and Quality Sciences
68.	mgr	Hryniewicz	Konrad	Management and Quality Sciences	Psychology
69.	mgr inż.	Karaś	Adrianna	Management and Quality Sciences	Civil Engineering, Geodesy and Transport
70.	mgr inż.	Kuzia	Michał	Management and Quality Sciences	Economics and Finance

The number of course hours taught by academic staff employed at GMU as their primary place of work exceeds 75% of the course hours required for a degree programme with a general academic profile.

V. INTERNAL EDUCATION QUALITY ASSURANCE SYSTEM

The Maritime University of Gdynia has developed and implemented a Quality Management System, an integral element of which is the Internal Education Quality Assurance System, in order to better meet the needs and expectations of its current and future customers and improve university management through continuous improvement of the system.

The applicable Quality Management System was developed on the basis of the decision of the Rector, announced by Order No. 9 (RB-021/9/03) of June 10, 2003.

The Quality Manual, which is a description of the Quality Management System established and implemented at UMG, establishes the quality policy, contains the scope of the Quality Management System, identifies the processes implemented and the connections between them, and presents documented procedures established for the efficient implementation of the processes. The Quality Management System complies with the requirements of the ISO 9001 standard and covers all activities of the Maritime University of Gdynia, including education at the academic level.

As part of the Quality Management System, the processes used in the organization were identified and described, their overall course, mutual interaction and interconnection, and process management were determined. One of the main processes is the **Education Process**, which includes activities related to planning, implementation and settlement of the provided educational services in accordance with current national and international regulations, allowing students, doctoral students and listeners to achieve the intended learning outcomes. The education process is described in the procedures:

- KP/G-01 Study programs design,
- KP/G-02 Recruitment for full-time and part-time first and second cycle studies,
- KP/G-03 Planning, implementation and settlement of the educational process,
- KP/G-04 Inspection of the work of academic teachers,
- KP/G-05 External land practice,
- KP/G-06 External onshore internship for students completing internship under an employment contract,
- KP/G-07 Internal land practice,
- KP/G-08 External national maritime operational practice,
- KP/G-09 External foreign maritime operational practice,
- KP/G-10 Internal maritime operational practice on UMG ships,
- KP/G-11 Onshore (workshop) internal operational practice,
- KP/G-16 Passing the maritime practice book,
- KP/G-12 Student Career Office. Making it easier for students and graduates on the labor market.

The process of continuous improvement is superior to all processes, ensuring the implementation of actions necessary to achieve the planned results. The process of continuous improvement, including the use of improvement tools such as internal audit, management review, process evaluation and measurement of student satisfaction, is a basic tool for ensuring the effectiveness and efficiency of UMG's operation, processes implemented, services provided and the satisfaction of all stakeholders.

Decisions regarding the Quality Management System are made by the Rector. In accordance with the entry in the QM, the duties of the representative of the university's management for the Quality Management System at the UMG are fulfilled by the QMS representative at the UMG, appointed by order of the Rector, who heads the QMS Team at the university. The Quality Management System operating at the Maritime University of Gdynia applies to all its organizational units. Therefore, the Faculty of Management and Quality Sciences is obliged to comply with the rules of conduct and resulting regulations from the entries contained in the Quality Manual and related descriptions of procedures, as well as supervision over the correctness of their implementation and activities related to system improvement.

The Faculty of Management and Quality Sciences has implemented a quality management system compliant with the requirements of the ISO 9001 standard since July 2004. This system aims to meet students' requirements regarding the quality and effectiveness of the educational process implemented at the Faculty. The scope of the system included education at the academic level and conducting scientific and research work in accordance with Polish and international requirements. Confirmation

of the compliance of the implemented quality management system with the requirements of the ISO 9001 standard is a certificate granted by the Polish Register of Shipping S.A. based in Gdańsk. Important components of the internal system for ensuring the quality of education are: Faculty Program Committees, as well as the Senate Committee for Education and Faculty Committees for the Quality of Education. The Senate Committee for Education was established by Order No. 74/XVII of the Rector of UMG of September 23, 2021 on the appointment of the Senate Committee for Education and its chairman for the 2021-2024 terms, while the Dean of WZNJ appointed the Faculty Committee for the Quality of Education (WKJK).

Faculty Program Committees were appointed by the Dean of the Faculty and Quality Sciences. The Committee consists of: representatives of all WZNJ Departments, the WZNJ Vice-Dean responsible for education and a student representative.

Their tasks include in particular:

1. Initiating activities related to the creation of new fields of first- and second-cycle studies.
 2. Initiating activities related to the modification of first-cycle and second-cycle studies.
 3. Developing projects of specific learning outcomes as well as plans and programs for first- and second-cycle studies prepared by the WZNJ Departments.
 4. Giving opinions on draft programs and postgraduate study plans prepared by the WZNJ Departments,
 5. Opinions on draft procedures related to education at WZNJ UMG.
 6. Giving opinions on proposals for elective subjects in first- and second-cycle studies.
 7. Monitoring legal provisions and internal UMG regulations in the field of education at the level of first- and second-cycle studies.
 8. Analysis of the students, employers and other external stakeholders opinions regarding the improvement of study programs.
 9. Cooperation with the Senate Committee for Education and the Faculty Committee for the Quality of Education in the field of planning and improving first- and second-cycle study programs.
-
1. The tasks of the Faculty Committee for the Quality of Education (WKJK) include in particular:
 1. Monitoring and periodic reviews of study programs, in particular:
 - analysis of the compliance of the field and profile of studies with the mission of the university and the faculty,
 - analysis of compliance of the assumed directional learning outcomes with the characteristics of the second-level learning outcomes for qualifications at levels 6-8 of the Polish Qualifications Framework,
 - analysis of compliance of the assumed learning outcomes in modules (subjects) with the learning outcomes described in the study programs,
 - analysis of the correctness of the selection of methods for assessing the assumed learning outcomes and criteria for passing the course,
 - analysis of the correctness of assigning ECTS points to modules (subjects),
 - analysis of the compliance of the study program with the STCW requirements (for maritime studies).
 2. Analysis of the adaptation of learning outcomes obtained in the education process during first- and second-cycle studies in individual fields of study and postgraduate studies to the needs of the labor market, especially in studies with a practical profile.

3. Preparation of collective results of surveys conducted at the faculty regarding students' assessment of academic teachers in terms of fulfilling his teaching duties and drawing conclusions regarding improving the quality of the education process.
4. Analysis of the results of monitoring the career of University graduates.
5. Analysis of the results of exams and other forms of checking the learning outcomes achieved by the student.
6. Assessment and improvement of the functioning of the faculty's information system, including universal access to information about the expected learning outcomes in a given field of study, the method of assessing learning outcomes and the criteria for passing subjects.
7. Analysis of the faculty's teaching and research infrastructure, material resources and financial policy and formulating conclusions in this regard.
8. Analysis and assessment of the scientific level of the faculty, in particular in the area/areas of knowledge related to the education provided.
9. Presenting to the dean a proposal for activities aimed at improving the quality of education at the faculty, improving the educational program and monitoring the implementation of these activities.
10. Publishing the annual results of education quality assessment on the faculty website.
11. Annual presentation to the dean and UKJK of a report on the results of assessing the quality of education at the faculty.

VI. Additional information

6.1. Internationalisation of studies

The Faculty of Management and Quality Science conducts consistent activities to internationalise its studies, using international benchmarks as well as collaborating with numerous foreign centres of education in the field of management and adjacent fields.

The second-level study programme in MBM allows students to realise a part of their studies in one of our partner universities within the Erasmus+ programme. The partner universities of GMU are:

- Germany (Hochschule Bremerhaven, Fachhochschule Stralsund),
- Finland (South-Eastern Finland University of Applied Sciences),
- Greece (Aristotle University of Thessaloniki),
- Ireland (Cork Institute of Technology),
- Italia (Universita Degli Studi di Perugia),
- Spain (Universidad de A Coruna),
- Croatia (University of Dubrovnik, University of Split),
- Portugal (Instituto Politecnico de Setubal),
- Turkey (Yasar University, Bulent Ecevit University, Bandirma Onyedi Eylul University),
- Latvia (Latvian Maritime Academy),
- Slovakia (Alexander Dubcek University of Trencin, The Catholic University in Ruzomberok, Žilinská Univerzita v Žilina).

In each academic year ca. 25 students of our faculty travel to one of these universities. At the same time about 10 foreign students realise a part of their study programme at the FMQS within the Erasmus + framework, learning the characteristics of our model of education and exchanging experience with our students.

A significant element of education related international cooperation is the Polish-German Student Seminar entitled „Managing cultural diversity in Europe” and organised for over 15 years by the Gdynia Maritime University and Hochschule Bremerhaven. Each year, the seminar lasts for two weeks (one week in each University) and consists of 20 students (10 from each University). The programme of the seminar comprises lectures in English, presented by lecturers from both universities, meetings with University authorities and student organisations, and study visits in Polish and German companies. Apart from educational and research goals, the seminar also aims to acquaint students with the characteristics and environment of both universities, thus encouraging them to undertake studies in the partner school.

The second-level study programme in MBM comprises courses entitled Monograph Lectures, which are intended as lectures presented by foreign professors in English. On average, in each academic year there are three foreign lecturers conducting lectures with the students of the faculty.

6.2. Collaboration with business practice

The Faculty of Management and Quality Science also takes care to assure the connection between education and business practice. In order to develop and improve the quality of the educational process at FMQS and to provide students with opportunities to acquire skills corresponding with the expectations of the employers and the labour market, the FMQS Partner Council was established at the Faculty. It combines the representatives of local authorities, institutions and employers in fields corresponding with our programmes of study.

At present, the members of the FMQS Partner Council are:

- Katarzyna Gruszecka - Spychała – Vice President of the Management Board of Port Gdynia,
- Marek Tarczyński – the president of the council of the Polish Chamber of Forwarding and Logistics,
- Lidia Dziewierska – CEO of Loconi Intermodal Solutions S.A.,
- Tomasz Rejek CEO of Pomeranian Association of Road Transport,
- Pan Bogusław Kowalski – CEO of GRAAL S.A.,
- Jan Zarębski – CEO of Gdansk Business Club, Director of LONZA NATA Sp. z o.o. Gdańsk,
- Zbigniew Suchodolski – Director of CBE, SGS Polska Sp. z o.o., Gdynia branch,
- dr Małgorzata Wejer – Director for R&D, MGJ Sp. z o.o.,
- Daniel Kędzierski – executive director for FastTony brand, CEO of Ma&Ma Agency,
- Hanna Wachowska – Director-in-Chief at J.S. Hamilton Poland Sp. z o.o.,
- Wanda Dobrowolska-Parfieńczyk – CEO of WISTA POLAND,
- Andrzej Madejski – CEO of Polska Żegluga Bałtycka S.A.,
- Stanisław Motylski - General Manager Flextronics International Poland Sp. z o.o.,
- Grzegorz Pettke, President of the Management Board, PRS.

The scope of activities of the FMQS Partner Council is mainly focused on:

- preparing highly competent employees for companies in transportation, Logistics, forwarding, production, commodity trading and quality assurance,
- providing joint patronage over enterprises realising the objectives of the Council’s charter,
- supporting initiatives aimed at aligning study programmes at the Faculty of Management and Quality Science with the expectations of the labour market and the employers, eg. by organising dedicated lectures and monograph lectures,
- supporting the organisation of student internships,

- initiating and facilitating the transfer of knowledge and commercialising the results of scientific research
- organising meetings to exchange views and experiences conducive to developing cooperation between business and higher education.

6.3. Participation of students in shaping the study programmes

The students of the Faculty of Management and Quality Science take part in the processes of designing, consulting and improving the programmes of study through:

- participation of student representatives in the Faculty Programme Committee and the Didactic Council,
- participation of student representatives in the Faculty Committee for Quality of Education,
- participation of student representatives (members of the Student Union) in chosen sessions of the Faculty Dean Committee in matters concerning education,
- running consultations concerning current matters of importance regarding education.

FULL-TIME STUDIES SCHEDULE																										
							1st Year										2nd Year									
							term 1					term 2					term 3					term 4				
Topical blocks	lp.	Courses	Fac./Dep.	Discipline	hours	rigour	lec.	exc.	lab.	proj.	ECTS	lec.	exc.	lab.	proj.	ECTS	lec.	exc.	lab.	proj.	ECTS	lec.	exc.	lab.	proj.	ECTS
1. Management issues I	1	Strategic Management	KZE	NoZIJ	45	E1	30	15			4															
	2	Innovation Management	KMMI	NoZIJ	45	E1	30	15			4															
	3	Process Management	KMMI	EIF	45	E1	15	30			4															
	4	Modern Marketing	KMMI	NoZIJ	45	E1	30		15		4															
2. Economics and digital economy	5	Digital Economy	WI	EIF	30	A	30				3															
	6	International Economics	KLIST	EIF	30	A	30				2															
	7	E-business Strategies	WI	NoZIJ	30	A	15	15			3															
	8	Research Methods I	WZNJ	NoZIJ	15	A	15				1															
3. Management issues II	9	Professional Language I	SJO	J	30	A		30			2															
	10	Humanities I	WZNJ	NoZIJ	30	A	30				3															
	11	Business Processes Modeling	WI	NoZIJ	45	E2						30		15			4									
	12	Human Capital Management	KZE	NoZIJ	45	A						30	15				4									
4. Quantitative methods	13	Management Accounting (Managerial)	KZE	EIF	30	A						15		15			2									
	14	Mathematical Statistics	KMMI	EIF	60	E2						30	15	15			5									
	15	Research Methods II	WZNJ	NoZIJ	15	A						15					1									
	16	Seminar I	WZNJ	NoZIJ	30	A								30			2									
5. Trade and law issues	17	Professional Language II	SJO	J	30	A							30				2									
	18	International Trade	KLIST	EIF	45	E2						30	15				4									
	19	International Maritime Law	KZJ	NoZIJ	30	A						30					2									
	20	Humanities II	WZNJ	EIF	30	A						30					4									
6. Quality systems and non-financial reporting	21	Environmental, Social & Governance (ESG) Reporting	WZNJ	EIF	15	A											15					1				
	22	Quality Management Systems	KZJ	NoZIJ	45	E3											30	15				4				
	23	Maritime Economics	KLIST	EIF	30	A											30					2				
	24	Maritime Business Projects	KZE	NoZIJ	45	E3											15	30				4				
7. Doing maritime business I	25	Maritime Business Financing	KZE	EIF	15	A											15					1				
	26	Consumer of Maritime Products & Services	KZJ	NoZIJ	30	A											15	15				3				
	27	Expertise & Quality Control in Maritime Business	KZJ	NoZIJ	45	E3											30	15				4				
	28	Risk Management and Insurance in Maritime Business	KLIST	NoZIJ	15	A											15					1				
8. Environmental issues and maritime spatial planning	29	Maritime Spatial Planning & Development	WN	ILGIT	15	A											15					1				
	30	Marine Environment Protection	KJPPiCh	NoZIJ	15	A											15					1				
	31	Marine Resources Management	KZJ	NoZIJ	15	A											15					1				
	32	Industry 4.0	WI	EIF	15	A																15				1
9. Doing maritime business II	33	Smart Ports	KLIST	ILGIT	15	A																15				1
	34	Commodity Science of Marine Origin	KZJ	NoZIJ	30	E4																30				2
	35	Packaging Trends in Maritime Logistics	KJPPiCh	NoZIJ	15	E4																15				1
	36	Offshore Business	KZJ	EIF	15	A																15				1
10. Final term	37	Ship Management	WN	ILGIT	15	A																15				1
	38	Electives I	WZNJ	NoZIJ	45	A											45					4				
	39	Seminar II	WZNJ	NoZIJ	30	A													30			3				
	40	Electives II	WZNJ	EIF	45	A																45				4
	41	Lecture	WZNJ	NoZIJ	15	A																15				1
	42	Seminar III	WZNJ	NoZIJ	30	A																		30		3
	43	Diploma Dissertation	WZNJ	NoZIJ	0	A																				15
	Number of Hs in a TERM							345					360				360					195				
Number of EXAMS in a TERM										4					4					3					2	
ECTS in a TERM											30					30					30				30	